Liste von Abkürzungen/List of Abbreviations

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Fehlernachrichten und Ergänzungsvorschläge bitte an/Notice of errors and suggestions for new entries please to: guicking@physik3.gwdg.de

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A

A	Adenin (DNA-Base/DNA base)
AA	Atomic Absorption
AA	Automatic (or: Automated) Attendant [Facility] (Telekommunikation/telecommunication)
AA	Automobile Association (UK)
AAA	Akademisches Auslandsamt
AAA	American Association of Anatomists
AAA	Aromatic Amino Acid
AAA	Austrian Acoustics Association
AAA	Authentication, Authorization and Accounting (Telekommunikation/telecommunication)
AAAA	Alps-Adria Acoustics Association (seit/since Sept. 2002)
AAAA	Authentication, Authorization, Accounting and Auditing (Telekommunikation/telecommunication)
AAAF	Association Aéronautique et Astronautique de France
AAAI	American Association for Artificial Intelligence
AAAS	American Association for the Advancement of Science
AAC	Advanced Audio Coding
AACG	American Association for Crystal Growth
AAES	American Association of Engineering Societies
AAID	American Academy of Implant Dentisty
AAL	Ambient Assisted Living
AAL	ATM Adaptation Layer
AAPM	American Association of Physicists in Medicine
AAPPS	Association of Asia Pacific Physical Societies
AAPT	American Association of Physics Teachers
AAS	Advanced Automation System
AAS	American Astronautical Society
AAS	American Astronomical Society
AAS	Atomic Absorption Spectrometry, Atom-Absorptions-Spektrometrie
AAS	Australian Acoustical Society
AASF	Afrikanisch-Asiatische Studentenförderung e.V. (Göttingen, DE)
AAT	Anglo-Australian Telescope
AATSR	Advanced Along Track Scanning Radiometer (ENVISAT)
AAU	Association of American Universities
AAUP	American Association of University Professors (or: Presses) (USA)
AAV	adeno-assoziierte Viren
ABA	American Board of Audiology
ABA	Applied Behavioural Analysis
ABB	Asea Brown Boveri AG (Mannheim, DE)
ABC	Atanasoff-Berry Computer (Iowa State College, USA, 1938–1942)
ABDO	Allgemeine Bestimmungen für Diplomprüfungsordnungen
ABE	Amtliche Betriebserlaubnis (Typprüfung Kfz)
ABET	Accrediting Board of Engineering and Technology (USA)
ABG	Automatisierte biometriegestützte Grenzkontrolle
ABK	Allgemeine berufsqualifizierende Kompetenzen (im Bachelor-Studiengang)
ABL	Airborne Laser (US Waffe/weapon)
ABM	Advanced Buffer Material
ABM	Anti-Ballistic Missile
ABMF	Account Balance Management Function (Telekommunikation/telecommunication)
ABR	Auditory Brainstem Response
ABR	Available Bit Rate
ABRIXAS	A Broad-Band Imaging X-Ray All-Sky Survey (Satellit 1999, aufgegeben/satellite 1999, abandoned)
ABS	Acrylnitril-Butadien-Styrol
ABS	Alternate Billing Service
ABS	Antiblockiersystem; Anti-Lock Braking System (Kfz/motor vehicle)
ABS	Automatic Block Signaling (Eisenbahntechnik/railway technology)
ABT	Ausschuss für Begutachtertraining (DAR, Normungsarbeit)
ABU	Asia(-Pacific) Broadcasting Union
AC	Access Controller (Telekommunikation/telecommunication)
AC	Admission Control (Telekommunikation/telecommunication)
AC	Air Conditioning
AC	Alternating Current (Wechselstrom)
AC	Attachment Circuit (Telekommunikation/telecommunication)
ACA	Academic Cooperation Association (europäische Organisation/European organisation)
ACA	American Crystallographic Association
ACA	Atacama Compact Array
ACACIA	Arid Climate, Adaptation and Cultural Innovation in Africa (SFB 389 der DFG)
ACAP	Advanced Common Application Platform (Telekommunikation/telecommunication)
ACAP	Automated Content Access Protocol (Urheberrecht/copyright)
ACARE	Advisory Council for Aeronautics Research in Europe

A-CBC	Akkreditierungsagentur für die Studiengänge Chemie, Biochemie und Chemieingenieurwesen an Universitäten und Fachhochschulen
ACC	Active (or: Adaptive) Cruise Control (Kfz/motor vehicle)
ACC	Antarctic Circumpolar Current (of the ocean)
ACC	Anticollision Code (Fingerabdruck für Multimedia/Fingerprint for Multimedia)
ACCU	Advisory Committee of CERN Users
ACD	Advanced Chemistry Development
ACD	Automatic Call Distribution
ACE	Advanced Computing Environment
ACE	American Council on Exercise
ACE	Angiotensin-Converting Enzyme
ACE	Antenna Coupling Equipment (Telekommunikation/telecommunication)
ACE	Application Creation Environment (Telekommunikation/telecommunication)
ACE	Atmospheric Compensation Experiment (adaptive Optik/adaptive optics)
ACE	Community Action for Cooperation in the Field of Economics (EU)
ACELP	Adaptive Code-Excited Linear Prediction
ACEnet	Atlantic Computational Excellence Network
ACES	Active Control Evaluation for Systems
ACES	Atlantic Coral Ecosystem Study
ACES	Optimal Acoustic Equivalent Source Descriptors for Automotive Noise Modelling
ACESA	Advanced Composites with Embedded Sensors and Actuators
ACEX	Arctic Coring Expedition
ACF	Autocorrelation Function
ACI	Adjacent Channel Interference (Telekommunikation/telecommunication)
ACI	American Competitive Initiative
ACIA	Asynchronous Communication Interface Adapter
ACK	Acknowledege(ment) (Datenübertragung/data transfer)
ACL	Access Control List (Telekommunikation/telecommunication)
ACL	Active and Cooperative Learning (Signalverarbeitung/signal processing)
ACL	Agent Communication Languages
ACL	Asynchronous Connectionless Link (Telekommunikation/telecommunication)
ACLR	Adjacent Channel Leakage Power Ratio (Telekommunikation/telecommunication)
ACM	Active Control Mount
ACM	Adaptive Coding (and) Modulation
ACM	Association for Computing Machinery
ACMP	American College of Medical Physics
ACMP	Applied and Computational Mathematics Program (in DARPA)
ACO	Ant Colony Optimization
ACP	Advanced Computing Project (Fermilab, $\approx$ 1980)
ACP	Adjacent Channel Power (Telekommunikation/telecommunication)
ACP	American Center of Physics (College Park, MD, USA)
ACPS	Advection-Dominated Accretion Flow (Astrophysik/astrophysics)
ACQ	Active Quenching Circuitry
ACRL	Adjacent Channel Leakage Power Ratio (Telekommunikation/telecommunication)
ACRV	Assured Crew Return Vehicle (Raumfahrt/spacecraft)
ACS	Advanced Camera for Surveys (Astrophysik/astrophysics)
ACS	American Chemical Society
ACS	Assoziazione Controllo Strutturale (IT)
ACSI	American Customer Satisfaction Index
ACSI	Atari Computer System Interface
ACSR	Active Control of Structural Response
ACT	Active Control Technology (Flugzeug/aircraft)
ACT	Advanced Concepts Team (ESA)
ACT	autologe Chrondrozytentransplantation (körpereigene Knorpelzellen-Transplantation)
ACTD	Advanced Concept Technology Demonstration (USA)
ACTH	Adrenocorticotropes Hormon
ACTS	Advanced Communication Technologies and Services (EC)
AD	Administration Module
AD	Alzheimer's Disease
AD	Andorra (ISO 3166)
AD	ante dominum
AD	Authorized Domain
ADAC	Allgemeiner Deutscher Automobilclub
Adaline	Adaptive Linear Element
ADANO	Arbeitsgemeinschaft Deutscher Audiologen und Neurootologen
ADC	Analog-to-Digital Converter
ADC	Automatic Development Chamber
ADC	Automotive Distance Control
ADEA	Age Discrimination in Employment Act (USA)
ADEPT	Advanced Dark Energy Physics Telescope
ADEPT	Antibody Directed Enzyme Prodrug Therapy (Krebstherapie/cancer therapy)
ADFC	Allgemeiner Deutscher Fahrrad Club
ADHD	Attention Deficit Hyperactivity Disorder (= ADHS)
ADHS	Aufmerksamkeitsdefizit-Hyperaktivitätsstörung (= ADHD)
ADI	Angular Diffraction Imaging
AdL	Akademie der Landwirtschaftswissenschaften (ehem./former DDR)
ADL	All-Digital Loop (Telekommunikation/telecommunication)
ADLC	Adaptive Liquid-Crystal Lens

ADLIP	All Dome Laser Image Projector (Planetarium/planetarium)
ADM	Add/Drop Multiplexer (Telekommunikation/telecommunication)
ADM	Area Dimensional Model (Lärmbewertung/noise rating)
ADN	Ammoniumdinitramid (Sprengstoff/explosive)
ADOCS	Advanced Digital Optical Control System (Flugzeug/aircraft)
ADONIS	Acoustic Daylight Ocean Noise Imaging System
ADONIS	Adaptive Optics Near Infrared System (Teleskop/telescope, ESO, La Silla, Chile)
ADP	Adenosindiphosphat
ADP	Ammoniumdihydrogenphosphat
ADP	Avalanche Photodiode
ADPA	American Defense Preparedness Association
ADPCM	Adaptive Differential Pulse Code Modulation
ADR	Accumulated Doppler Range (Satellitenortungsverfahren/satellite locating)
ADRCS	Automatic Data Recording and Control System
AdRIA	Adaptronik – Research, Innovation, Application
ADRIA	Advanced Displays Research Integration Action
ADSB	Auto(matic) Dependent Surveillance Broadcast (Flugverkehr/air traffic)
ADSL	Asymmetric(al) Digital Subscriber Loop (or: Line)
ADT	Articulated Dump Trucks (off-road vehicles)
ADTM	[Fraunhofer-]Arbeitsgruppe für Drahtlose Kommunikations- und Multimediatechnik (Erlangen, DE)
ADTV	Advanced Definition Television
ADUC	Arbeitsgemeinschaft deutscher Universitätsprofessoren für Chemie
ADV	Acoustic Droplet Vaporization
AdW	Akademie der Wissenschaften (ehem./former DDR)
AE	Acoustic Emission
AE	Application Enabler (Telekommunikation/telecommunication)
AE	Astronomische Einheit (Entfernung Erde–Sonne/distance Earth–Sun = $1.49 \cdot 10^{11}$ m)
AE	Vereinigte Arabische Emirate/United Arab Emirates (ISO 3166)
AEC	Architecture/Engineering/Construction (Industrie/industry)
AEC	Atomic Energy Commission (USA)
AECL	Atomic Energy of Canada, Ltd.
AECSFE	Asymmetric Elliptic-Cone-Shaped Fibre Endface (Faseroptik/fiber optics)
AECSM	Asymmetric Elliptic-Cone-Shaped Microlens (Faseroptik/fiber optics)
AEE	Office of Environment and Energy (FAA)
AEF	Normenausschuss Einheiten und Formelzeichen
AEG	Allgemeine Elektrizitätsgesellschaft
AEGOS	African-European Georesources Observation System
AEI	Automatic Equipment Identification
AEL	Accessible Emission Limit
AEM	Area Equivalent Method (Lärmbewertung/noise rating)
AEMT	[Fraunhofer-]Arbeitsgruppe für Elektronische Medientechnologie
AEP	Akustisch evozierte Potentiale, Auditory Evoked Potentials
AEPI	Atmospheric Emissions Photometric Imaging
AES	Advanced Encryption Standard
AES	Application Environment Services
AES	Associate Executive Secretary
AES	Audio Engineering Society
AES	Auger-Elektronen-Spektroskopie / Auger Electron Spectroscopy
AESS	Aerospace and Electronic Systems Society
AEV	FhAZ für Entsorgungs- und Verkehrslogistik (Wildau, Brandenburg, DE)
AEWA	[Afrikanisch-Eurasisches Regionalabkommen zur Erhaltung der Wasservögel]
AF	Afghanistan (ISO 3166)
AF	Application Function (Telekommunikation/telecommunication)
AF	Assured Forwarding (Datenübertragung/data transfer)
AF	Audio Frequency
AFAL	Air Force Astronautics Laboratory
AFAS	Abteilung für Angewandte Systemanalyse (Kernforschungszentrum Karlsruhe, DE)
AFB	Air Force Base (USA)
AFC	Alkali Fuel Cell
AFCS	Automatic Flight Control System
AFD	Anticipatory Failure Determination
AFDX	Avionics Full Duplex Switched Ethernet (Luftfahrttechnik/aircraft technology)
AFE	Analog Front End (Telekommunikation/telecommunication)
AFECT	Acoustical Foundation for Education and Charitable Trust (Indien/India)
AFFDL	Air Force Flight Dynamics Laboratory, Wright Patterson Air Force Base, Ohio, USA
AFM	Atomic Force Microscope
AFNM	Arbeitsgemeinschaft Fachdidaktik der Naturwissenschaften und der Mathematik
AFO	Auftragsforschung [und -entwicklung] Ost (BMFT)
AFOSR	Air Force Office of Scientific Research (USA)
AFOTEC	US Air Force Operational Test and Evaluation Center
AFP	Antifreeze Proteins
AFR	Air-Fuel Ratio (Verbrennungsmotor/internal combustion engine)
AFRL	Air Force Research Laboratory (USA)
AFRPL	Air Force Rocket Propulsion Laboratory (Edwards Air Force Base, CA, USA)
AFS	Advanced Freephone Service
AFS	Advanced Frontlighting System (Kfz/motor vehicle)
AFS	Aluminum Foam Sandwich
AFSR	Array-Fed Shaped Reflector (Satellitenantenne/satellite antenna)

AFTEC	Acoustic Fusion Technology Energy Consortium (USA)
AFTN	Aeronautical Fixed Telecommunication Network
AG	Aktiengesellschaft
AG	Antigua and Barbuda (ISO 3166)
AG	Arbeitsgruppe
AG	Astronomische Gesellschaft e.V.
AGARD	Advisory Group for Aeronautical Research and Development, North Atlantic Treaty Organization
AGASA	Akeno Giant Air Shower Array (Japan, zum Nachweis kosmischer Strahlung/detection of cosmic radiation)
AGASP	Arctic Gas and Aerosol Sampling Program
AGB	Allgemeine Geschäftsbedingungen
AGB	Asymptotic Giant Branch (Astronomie/astronomy)
AGB	Automatische Geschwindigkeitsbegrenzung (Kfz/motor vehicle)
AG-BL	Arbeitsgemeinschaft Forschungseinrichtungen Blaue Liste
AGC	Automatic Gain Control
AGC	[Fraunhofer-] Anwendungszentrum für Computergraphik in Chemie und Pharmazie
AGC	Autorail Grande Capacité (Diesel-Zug/Diesel train)
AGCF	Access Gateway Control Function (Telekommunikation/telecommunication)
AGCH	Absolute Grant Channel (Telekommunikation/telecommunication)
AGEE	Arbeitsgruppe Erneuerbare Energien
AGEG	Arbeitsgemeinschaft Europäischer Grenzregionen
AGF	Arbeitsgemeinschaft der Großforschungseinrichtungen
AGIL	Arbeitsgemeinschaft Internet und Linguistik (Göttingen, DE)
AGIS	Advanced Gamma-Ray Imaging (US project)
AGK	aktiver galaktischer Kern (Astronomie/astronomy, = AGN)
AGKr	Arbeitsgemeinschaft Kristallographie
AGMA	American Gear Manufacturers Association
AGN	Active Galactic Nucleus (= AGK)
AGNSS	Assisted Global Navigation Satellite System
AGORA	Access to Global Online Research in Agriculture
AGP	Autism Genome Project
A-GPS	Assisted Global Positioning System
AGR	Architectural Gear Ratio (Muskelkontraktion/muscle contraction)
AGS	Alternating Gradient Synchrotron
AGU	American Geophysical Union
AGV	Automatic Guided Vehicle
AGW	Access Gateway (Telekommunikation/telecommunication)
AGWN	Additive Gaussian White Noise, additives Gaußsches weißes Rauschen
AH	Adaptive Hypermedien
AHAM	Association of Home Appliance Manufacturers (USA)
AHDI	Atari Hard Disk Interface
AHMD	Advanced Helmet-Mounted Display
AHRC	Arts and Humanities Research Council (UK)
AHRF	American Hearing Research Foundation
AHS	American Helicopter Society
AHSUM	Adaptable High-Speed Undersea Munition
AHU	Air Handling Unit (HVAC)
AI	[IASTED International Conference on] Applied Informatics
AI	Anguilla (ISO 3166)
AI	Articulation Index (Psychoakustik/psychoacoustics)
AI	Artificial Intelligence
AIA	American Institute of Architects
AIAA	American Institute of Aeronautics and Astronautics
AIAE	[Spanische Aeroakustische Gesellschaft/Spanish Aeroacoustical Society]
AIC	Akaike's Information Criterion
AICB	Association internationale contre le bruit
AICD	automatische implantierte Cardio-Defibrillatoren
AICES	Aachen Institute for Advanced Study in Computational Engineering Science (DE)
AICH	Acqusition Indicator Channel (Telekommunikation/telecommunication)
AID	Aktiver Informationsdienst (EU)
AIDAA	Assoziazione Italiana di Aeronautica e Astronautica
AIDC	Automotive Industry Developing Center (Südafrika, mit FhG-Unterstützung/South Africa, supported by the German Fraunhofer-Gesellschaft)
AIDS	Acquired Immune Deficiency Syndrome
AIEE	American Institute of Electrical Engineers
AiF	Arbeitsgemeinschaft industrieller Forschungsvereinigungen „Otto von Guericke" e.V. (Köln/Cologne, DE)
AIF	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
AIHA	American Industrial Hygiene Association
AIJP	Association Internationale de Philatélie
AILU	Association of Industrial Laser Users (UK)
AIM	Advanced Informatics in Medicine
AIM	Advanced Interface Module (Telekommunikation/telecommunication)
AIMD	Additive Increase, Multiplicative Decrease (Telekommunikation/telecommunication)
AIML	Astronomical Instrument Markup Language
AIMS	African Institute for Mathematical Sciences (Kapstadt, Südafrika/Cape Town, South Africa)
AIN	Advanced Intelligent Network
AIP	The American Institute of Physics (gegründet/founded 1931)
AIP	Astrophysikalisches Institut Potsdam (DE)
AIR	Automatic Image Refinement (Canon Laserdrucker/laser printer)

AIRTO	Association of Independent Research and Technology Organisations (GB)
AIRSAR	Airborne Synthetic Aperture Radar
AIS	Abbreviated Injury Scale
AIS	Alarm Indication Signal
AIS	[Fraunhofer-] Institut für Autonome Intelligente Systeme (St. Augustin, DE, früher/formerly GMD)
AIT	Application Information Table (Telekommunikation/telecommunication)
AIT	Astrometric Imaging Telescope
AITRAM	Advanced Integrated Training in Aeronautics Maintenance
AIUM	American Institute of Ultrasound in Medicine
AIV	Assembly, Integration and Validation
AIZ	Ausschuss für internationale Zusammenarbeit (DAR, Normungsarbeit/standardization)
AJAX	Asynchronous JavaScript and XML
AK	Alaska (US-Staat/US state)
a.k.a.	also known as
AKE	Arbeitskreis Energie (DPG)
AKF	Arbeitskreis Festkörperphysik (DPG)
AKO	Arbeitskreis „Optionen für die Zukunft" (DPG)
AKS	Akademische Software Kooperation
AKW	Atomkraftwerk
AL	Alabama (US-Staat/US state)
AL	Albanien/Albania (ISO 3166)
AL	Artificial Life
AL	Astronautics Laboratory (früher/formerly: AFRPL)
ALADIN	Algorithm for Learning and Architecture Determination
ALARP	As Low as Reasonably Possible
ALC	Automatic Level Control
ALCM	Air-Launched Cruise Missile
ALD	Arbeitsring Lärm der DEGA
ALFA	Adaptive Optics with a Laser for Astronomy (Calar Alto, ES, 3.5 m Durchmesser/diameter)
ALFA	alternative faserfreie Schallabsorber
ALFA	América-Latina – Formación Académica (EU)
AL-FEC	Application-Layer Forward Error Correction (Telekommunikation/telecommunication)
ALG	Application Level Gateway (firewall)
ALGOL	Algorithmic Language
ALI	ATM Link Interconnect
ALI	Autofahrer-Leit- und Informationssystem
ALICE	A Large Ion Collision Experiment (LHC, CERN)
ALK	automatisierte Liegenschaftskarte
ALLEA	All European Academies
ALMA	Atacama Large Millimeter/Submmilimeter Array (Radioteleskop/radio telescope, geplant für/planned for 2011)
ALOP	Active Learning in Optics and Photonics (UNESCO-Programm/program)
ALPACA	Advanced Liquid-Mirror Probe for Astrophysics, Cosmology and Asteroids
ALPHA	Absorption Low Plus High Aperture (Laserstrahlaufweitung/laser beam expansion)
ALPhA	Aquitaine Lasers, Photonique and Applications (Bordeaux, FR)
ALPSP	Association of Learned and Professional Society Publishers
ALS	Advanced Light Source (LBNL)
ALS	Alternative Light Source
ALS	Amyotrophe Lateralsklerose (degenerative Nervenerkrankung/degenerative nervous disease)
ALSEP	Apollo Lunar Surface Experiment Packages (auf dem Mond/on the moon)
ALSM	Airborne Laser Swath Mapping (Geodäsie/geodesy)
ALU	Arithmetic Logic Unit
AM	Amplitudenmodulation, Amplitude Modulation
AM	Armenien/Armenia (ISO 3166)
AM	Availability Manager
AMA	Advanced Measurement Approaches
A-MAN	ATM Metropolitan Area Network (Telekommunikation/telecommunication)
AMANDA	Antarctic Muon and Neutrino Detector (or: Detection) Array
AMC	Adaptive Modulation and Coding (Telekommunikation/telecommunication)
AMCD	Annular Momentum Control Device
AMD	Advanced Micro Devices (Sunnyvale, CA, USA)
AMD	Age Related Macula Degeneration, altersbedingte Makula-Degeneration (Sehschwäche/visual deficiency)
AME	Actinide Migration Evaluation (Radioaktivität/radioactivity)
AMEL	Active Matrix Electroluminescence (Display)
AMG	Arzneimittelgesetz
AMHS	Automated Material Handling System
AMI	Alternate Mark Inversion (Telekommunikation/telecommunication)
AMI	American Megatrends Inc.
AML	Ambient Intelligence
AMLCD	Altive-Matrix Liquid Crystal Display
AMM	Automatischer Messmodus
AMNOR	Adaptive Microphone Array for Noise Reduction
AMO	Atlantische Multidekadische Oszillation
AMO	Atomic, Molecular, and Optical (Science)
AMOLED	Active-Matrix Organic Light-Emitting Diode
AMOP	Arbeitskreis „Atome, Moleküle, Quantenoptik und Plasmen" (DPG)
AMOP	Atomic, Molecular and Optical Physics
AMP	Adenosinmonophosphat
AMP	Asymmetric Multi-Processing (Datenverarbeitung/data processing)

AMP	FhAZ für Metallpulvererzeugung (Clausthal, DE)
AMPAS	Academy of Motion Picture Arts and Sciences
AMPD	Atomic and Molecular Physics Division
AMPOA	Amplitude of Arrival (Telekommunikation/telecommunication)
AMPS	Advanced Mobile Phone System (Telekommunikation/telecommunication)
AMPTE	Artificial Magnetospheric Particle Tracer Experiment
AMR	Adaptive Multirate (Telekommunikation/telecommunication)
AMR	Alignment-Free Monolithic Resonator
AMR	Anisotropic Magnetoresistance
AMRL	Army Medical Research Laboratory (Wright Field, OH, USA)
AMRO	Angular Magnetoresistance Oscillations
AMS	Accelerator Mass Spectrometry
AMS	Alpha Magnetic Spectrometer (NASA, aufgeschoben/postponed)
AMS	American Mathematical Society
AMS	ATM Main Switch
AMST	Association for Maximum Service Television, Inc. (USA)
AMT	Automated Mechanical Transmission (Kfz-Schaltgetriebe/automobile gear)
AN	Access Node (Rechnernetz/computer network)
AN	Niederländische Antillen/Netherlands Antilles (ISO 3166)
ANAE	Académie Nationale de l'Air et de l'Espace (FR)
ANC	Active Noise Control
ANC	Antenna Networks (Telekommunikation/telecommunication)
ANCF	Active Noise Control Fan (NASA Lewis Research Center, Clevemand, OH, USA)
ANDF	Architecture-Neutral Distribution Format
ANF	Atomic Nanofabrication
ANFIS	Adaptive Network-Based Fuzzy Inference System
ANFO	Ammonium Nitrate plus Fuel Oil (Sprengstoff/explosive)
ANGIS	Australian National Genomic Information Service
ANI	Automatic Number Identificatjon (Datennetz/data network)
ANKA	Angströmquelle Karlsruhe (DE)
ANL	Argonne National Laboratory
ANN	Artificial Neural Network
ANOVA	Analysis of Variance (statistischer Test/statistical test)
ANP	Active Noise Profiling
ANR	Agence Nationale de la Recherche (FR)
ANRU	Antenna Receiver for UMTS (Telekommunikation/telecommunication)
ANS	Advanced Neutron Source (Oak Ridge)
ANS	American Nuclear Society
ANS	Approximate Number System
ANSI	American National Standards Institute
AnSiM	Anschluss-Sicherungs-Management (Verkehrstechnik/traffic control)
ANT	ADSL Network Termination (Telekommunikation/telecommunication)
ANU	Australian National University (Canberra)
ANVC	Active Noise and Vibration Control
ANX	American Network Exchange
AO	Acousto-Optic (Sensor, Aktor/sensor, actuator)
AO	Adaptive Optics
A/O	All Optical (optische Telekommunikation/optical telecommunication)
AO	Angola (ISO 3166)
AO	Announcement of Opportunity
AO	Arctic Oscillation (atmosphärische Oszillation/atmospheric circulation)
AOA	Angle of Arrival (Telekommunikation/telecommunication)
AOC	Advanced Operational Capability
AOCS	Altitude (or: Attitude) (and) Orbit Control (Sub)system
AOD	Aerosol Optical Depth
AODI	Always On/Dynamic ISDN
AOF	Authority on the Fly
AOI	Automatic (or: Automated) Optical Inspection
AOIA	Arizona Optics Industry Association
AOL	America Online (Internet Provider)
AOLS	All-Optical Label Swapping (optische Telekommunikation/optical telecommunication)
AON	All Optical Network (optische Telekommunikation/optical telecommunication)
AOP	Aspect-Oriented Programming
AOTF	Acousto-Optic Tunable Filter
AOV	Angle-of-View (Flüssigkristall-Bildschirm/liquid crystal display)
AOWC	All-Optical Wavelength Converter (optische Telekommunikation/optical telecommunication)
AP	Access Point (Telekommunikation/telecommunication)
AP	Alternating Projection (Algorithmus/algorithm)
AP	Anthropisches Prinzip
APA	Administrative Procedure Act (Congress, USA)
APA	American Psychological Association
APA	Amplified Piezoelectric Actuator (Technology)
APA	Automatic Pre-Emphasis Adjustment (optische Telekommunikation/optical telecommunication)
APAC	Asia Pacific (Region)
APC	Adaptive Predictive Coding
APC	Advanced Process Control
APC	Auto Power Control (Photodiode)
APCI	Atmospheric Pressure Chemical Ionisation

APCM	Adaptive Pulse Code Modulation
AP-CVD	Atmospheric Pressure CVD
APD	Avalanche Photodiode (or: Photo Detector)
APE	Automatic Production Machine
APEC	Applied Power Electronics Conference [and Exposition]
APEC	Asia Pacific Economic Cooperation (asiatischer Handelsblock)
APEX	Atacama Pathfinder Experiment (Chile, Astrophysik/astrophysics)
APG	Alkylpolyglycosid
APHV	Allgemeiner Postwertzeichen-Händlerverband (seit 8.3.1949/since March 8, 1949)
API	Application Program(ming) Interface
APIAN	Advanced Propulsion Installation Aerodynamics and Noise (EU Forschungsprojekt/research project)
APM	Advanced Protein Modelling
APM	Aktionskreis Deutsche Wirtschaft gegen Produkt- und Markenpiraterie
APM	Attached Pressurized Module (Raumfahrt/spacecraft)
APM	Automated People Mover (Eisenbahntechnik/railway technology)
APN	Access Point Name (Telekommunikation/telecommunication)
APNEE	Air Pollution Network for Early Warning and Information Exchange (EU Projekt/project)
APO	Arbeitsplatzorientierte Weiterbildung
APO	außerparlamentarische Opposition
APOLT	APON Line Termination
APON	Asynchronous Transfer Mode Passive Optical Network
APONT	APON Network Termination
APR	Acoustic Pulse Reflectometry
APROSYS	Advanced Protective Systems (Autotechnik/automobile technnology)
APS	Active Pixel Sensors (Bildwandler/image converter)
APS	Advanced Photon Source (Argonne National Laboratory, Illinois, USA)
APS	Air Traffic Planning System (DLR)
APS	The American Physical Society
APT	Apartment (US Mail)
APT	Asia Pacific Telecommunity
APTA	American Public Transportation Association
APTP	Asia-Pacific Technology Program
APU	Auxiliary Power Unit
APVC	Asia Pacific Vibration Conference
APXS	Alpha-Proton-Röntgenstrahlenspektrometer
AQ	Antarktis/Antarctica (ISO 3166)
AQM	Active Queue Management (Datenübertragung/data transfer)
AQS	Automotive Quality Saar (Fraunhofer-Innovationscluster, Saarbrücken, DE)
AR	Antireflection (optische Beschichtung/optical coating)
AR	Argentinien/Argentina (ISO 3166)
AR	Arkansas (US-Staat/US state)
AR	Augmented Reality
AR	Autoregressive (filter)
ARA	Ausfall-Raten-Analyse
ARAC	African Aquacultural Center (Port Hartcourt, Nigeria)
ARAGO	Advanced Robotic Agile Observatory (Astrophysik/astrophysics)
ARB	Arbitrary Waveform (Generator)
ARC	Angle-Resolved Coherent (Wave Mixing)
ARC	Antireflection Coating (von Laserspiegeln/of laser mirrors)
ARC	Application Research Center (Canton, MI, USA, bei/near Detroit)
ARC	[Dateinamenerweiterung: Archivdatei mit komprimierten Inhalten/file name extension: compressed archive file]
ARD	Arbeitsgemeinschaft der Rundfunkanstalten Deutschlands
ARDEC	Army Research, Development and Engineering Center (USA)
ARDU	Aircraft Research and Development Unit (AU)
AREMA	American Railway Engineering and Maintainance of Way Association
ARES	Actively Reacting Flexible Structure (DLR)
ARFCN	Absolute Radio Frequency Channel Number (Mobilfunk/mobile radio)
ARGOS	Advanced Research and Global Observation Satellite
ARI	Autofahrer-Rundfunk-Informationssystem
ARIB	Association of Radio Industries and Business (Japan)
ARIMA	Autoregressive Integrated Moving Average (Modelling)
ARIS	Aggregate Route-Based IP Switching (Telekommunikation/telecommunication)
ARIS	Augmented Reality Image Synthesis
ARL	Akademie für Raumforschung und Landesplanung (Hannover, DE)
ARL	Applied Research Laboratory (Pennstate, USA)
ARL	Army Research Laboratory (Adelphi, MD, USA)
ARL	Association of Research Libraries (USA)
ARLO	Acoustic Research Letters Online (JASA)
ARMA	Advanced Robotics and Mechanism Laboratory (Columbia University, USA)
ARMA	Autoregressive Moving Average (filter)
ARMAX	ARMA Process with Auxiliary Input
ARMD	Age-Related Macular Degeneration
ARO	Army Research Office (USA)
ARP	Address Resolution Protocol (Telekommunikation/telecommunication)
ARPA	Advanced Research Projects Agency (USA)
ARPANET	ARPA Network (predecessor of the Internet)
ARPES	Angle-Resolved Photoemission Spectroscopy
ARPU	Average (or: Annual) Revenue per User (Telekommunikation/telecommunication)

ARQ	Automatic Repeat Request (Datenübertragung/data transmission)
ARRIVAL	Algorithm for Robust and Online Railway Optimization: Improving the Validity and Reliability of Large Scale Systems (EU Project)
ARRIVE	Aspirin to Reduce Risk of Initial Vascular Events (Bayer-Studie)
ART	Advanced Rotorcraft Transmission
ART	Allgemeine Relativitätstheorie
ARTEMIS	Advanced Relay and Technology Mission (ESA)
ARTEMIS	Automatic Retrieval of Text from Europe's Multinational Information Service
AS	Acoustic Segmentation (Sprachverarbeitung/speech processing)
AS	Alarm Surveillance (Telekommunikation/telecommunication)
AS	American Samoa (ISO 3166, US Mail)
AS	Application Server (Telekommunikation/telecommunication)
AS	Autonomous System
AS	Availability Server
ASA	The Acoustical Society of America
ASA	Air Services Australia
ASA	American Standards Association
ASA	Auditory Scene Analysis
ASAC	Active Structural Acoustic Control
ASACOS	Acoustical Society of America Committee on Standards
ASAM	Advanced Services Access Manager (Telekommunikation/telecommunication)
ASAM	ATM Subscriber Access Multiplexer (Telekommunikation/telecommunication)
ASANCA	Advanced Study for Active Noise Control in Aircraft (CEC)
ASAP	Advanced Sensor Application Program
ASAP	Advanced Systems Analysis Program
ASAP	Alarm Severity Assignment Profile
ASAP	as soon as possible
ASAP	[IEEE International Conference on] Application-Specific Systems, Architectures and Processes
ASAR	Advanced Synthetic Aperture Radar
ASAT	Antisatellite (Weapon)
ASC	Academic Search Complete (Full text data base)
ASC	Accredited Standards Committee
ASC	Aeroacoustics Specialists' Committee (in CEAS)
ASC	American Society for Composites (seit/since 1985)
ASC	American Superconductor Corporation
ASCA	Advanced Satellite for Cosmology and Astrophysics (Japan 1993)
ASCAT	Association des Emetteurs de Catalogues de Timbre Poste
ASCE	American Society of Civil Engineers
ASCI	Accelerated Strategic Computing Initiative (DoE, USA)
ASCII	American Standard Code for Information Interchange
ASCS	Automatic Shift Control System (Kfz-Schaltgetriebe/automobile gear)
ASD	Autism Spectrum Disorder
ASD	Accelerated Scientific Discovery (project at CISL)
ASDEX	Axial-Symmetric Divertor Experiment (Fusionsreaktortechnik/fusion reactor technology, Garching, DE)
ASDL	Asynchronous Digital Subscriber Line
ASDSP	Application Specific Digital Signal Processor
ASE	Amplified Spontaneous Emission (Laser)
ASE	Amplified Stimulated Emission (Laser)
ASE	ATM Switching Element
ASE	→ ESA
ASEA	Analytical Statistical Energy Analysis
ASEAN	[Südostasiatische regionale Zusammenarbeit/South-East Asian regional cooperation]
ASEE	American Society of Engineering Education
ASEM	[asiatisch-europäisches Gipfeltreffen/Asian-European summit]
ASEPS-O	Astronomical Studies of Extrasolar Planetary Systems (Mount Palomar, CA, USA)
ASEW	Arbeitsgemeinschaft für sparsame Energie- und Wasserverwendung
ASHA	American Speech-Language-Hearing Association
ASHRAE	American Society of Heating, Refrigerating, and Air Conditioning Engineers
ASI	Agenza Spaziale Italiane
ASI	Amorph-Silizium-Glasmodule (Photovoltaik/photovoltaics)
ASI	Asynchronous Serial Interface (Telekommunikation/telecommunication)
ASIC	Acid-Sensitive Ion Channel
ASIC	Anwender-(Anwendungs-)spezifischer IC, Application-Specific Integrated Circuit
ASIIN	Akkreditierungsagentur für Studiengänge der Ingenieurwissenschaften, der Informatik, der Naturwissenschaften und der Mathematik
ASIM	Arbeitsgemeinschaft Simulation in der Gesellschaft für Informatik
ASIP	Application Specific Set Information-Set Processor (Computer)
ASJ	Acoustical Society of Japan
ASK	Akademische Software Kooperation (Universität Karlsruhe, DE)
ASK	Amplitude Shift Keying (Digitales Modulationsverfahren/digital modulation)
ASL	American Sign Language (Taubstummen-Gebärdensprache/of deaf-mutes)
ASM	Automotive Simulation Model
ASME	American Society of Mechanical Engineers
ASMP	Australian Species Management Program (für vom Aussterben bedrohte Tiere/for animals threatened by extinction)
ASMW	Amt für Standardisierung, Messwesen und Warenprüfung (ehem./former DDR)
ASN	ATM Switching Network
ASNE	American Society of Naval Engineers
ASNT	American Society for Nondestructive Testing

ASN.1	Abstract Syntax Notation 1
ASOM	Adaptive Scanning Optical Microscope
ASON	Automatical(ly) Switched Optical Network (optische Telekommunikation/optical telecommunication)
ASP	Adaptive Signal Processing
ASP	Advanced Spectroscopic Portal (Strahlungsnachweis/radiation detection)
ASP	Application Service Provider (Telekommunikation/telecommunication)
ASP	Arbeitsschwerpunkt
ASP	Average Selling Price
ASPEC	Audio Spectral Perceptual Entropic Coding
ASPERA	Astroparticle European Research Area (EU Project in Astrophysics)
ASPO	Association for the Study of Peak Oil & Gas
ASQ	Acoustic Source Quantification (Lärmschutz/noise protection)
ASQC	American Society for Quality Control
ASR	Antischlupfregelung (Kfz/automobile)
ASR	Automatic (or: Advanced) Speech Recognition
ASS	Acetylsalicylsäure
ASSET	Assessing Sensitivity to Transport (EC Project)
ASSI	Akkreditierungsagentur für Studiengänge der Ingenieurwissenschaften und der Informatik
ASSIST	Alliance for Solid-State Illumination Systems and Technologies
ASSP	Acoustics, Speech, and Signal Processing (in IEEE)
ASSP	Application Specific Standard Product
AST	FhAZ für Systemtechnik (Ilmenau, Thüringen, DE)
AStA	Allgemeiner Studentenausschuss
ASTAP	Asia-Pacific Telecommunity Standardization Program
ASTAR	Arctic Study of Tropospheric Aerosol and Radiation
ASTE	Atacama Submillimeter Telescope Experiment (Infrarotastronomie/infrared astronomy)
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer (Erd-Fernerkundung/remote reconnaissance)
ASTIA	Armed Services Technical Informations Agency (USA)
ASTM	American Society of Testing Materials
ASTREX	Advanced Space Structure Research Experiments
ASTRID	Aarhus Storage Ring, Denmark
ASTV	Aeroassisted Space Transfer Vehicle (Raumfahrt/spacecraft)
ASU	Abgas-Sonder-Untersuchung
ASU	Arizona State University (Tempe, AZ, USA)
ASU	ATM Service Unit
ASURA	Advanced Speech Understanding and Rendering System of ATR (Japan)
ASVP	Application Specific Standard Products
AT	Atomic Time (seit/since 1955)
AT	Österreich/Austria (ISO 3166)
ATB	Institut für Agrartechnik Bornim (Potsdam-Bornim, DE)
ATC	Abstract Test Case (Telekommunikation/telecommunication)
ATC	Adiabatic Toroidal Compressor (Fusionsreaktortechnik/fusion reactor technology, PPPL)
ATC	Air Traffic Control (Luftverkehrssteuerung)
ATC	American Television and Communications Corporation
ATC	ATM Transfer Capabilities (Telekommunikation/telecommunication)
ATC	Automatic Train Control (Eisenbahntechnik/railway technology)
ATDMA	Advanced TDMA
ATE	Application Test Environment (Telekommunikation/telecommunication)
ATE	Automatic (or: Automated) Test Equipment
ATF	Accelerator Test Facility
ATF	Advanced Tactical Fighter (USA, Luftwaffe/Air Force)
ATI	Above-Threshold Ionization
ATI	Any Time Interrogation (Telekommunikation/telecommunication)
ATI	Automated Target Identification
ATI	Automatic Telephony Interpretation (CAIR, Korea)
ATIP	Asian Technology Information Program (US organization)
ATIS	Airport Terminal (or: Travel) Information Service
ATIS	Alliance for Telecommunications Industry Solutions (North America)
ATKIS	Amtliches Topographisch-Kartographisches Informations-System
ATL	[Fraunhofer-] Arbeitsgruppe für Technologien der Logistik-Dienstleistungswirtschaft
ATLAS	A Toroidal LHC Apparatus (LHC, CERN)
ATLAS	Atmospheric Laboratory for Applications and Science
ATM	Air Traffic Management
ATM	Asynchronous Transfer Mode (Datennetz/data network)
ATM	Attached Pressurized Module (Raumfahrt/spacecraft)
ATM	Automated Teller Machine (Bankwesen/banking)
ATMF	ATM Forum
ATMF	ATM user connected via optical Fiber
ATMOS	Air Traffic Management and Operations Simulator (DLR)
ATMT	[Fraunhofer-] Arbeitsgruppe für Telekommunikation und Multimediatechik
ATO	Automatic Train Operation (Eisenbahntechnik/railway technology)
ATOC	Acoustic Thermometry of Ocean Climate
ATP	Adenosintriphosphat
ATP	Advanced Technology Program (USA, Department of Commerce)
ATP	Advanced Turbo-Prop (Flugzeug/aircraft)
ATP	Automatic Train Protection (Eisenbahntechnik/railway technology)
ATPC	Automatic Transmit Power Control (Telekommunikation/telecommunication)
ATR	Attenuated Total Reflection (Chemie: Analyse-Verfahren/chemical analysis)

ATR	Automatic (or: Automated) Target Recognition (Telekommunikation, Wasserschall/telecommunication, underwater sound)
ATRP	Atom Transfer Radical Polymerization
ATS	Abstract Test Suite (Telekommunikation/telecommunication)
ATS	Automated Tuner System
ATS	Automatic Train Supervision (Eisenbahntechnik/railway technology)
ATSC	Advanced Television Systems Committee
ATSE	Antenna Technology Shuttle Experiment (NASA)
ATST	Advanced Technology Solar Telescope (geplant/planned)
ATT	Advanced Transport Telematics
ATTA	Atom Trap Trace Analysis
ATTAS	Advanced Technology Testing Aircraft System (DLR)
AT&T	American Telephone and Telegraph Company
ATTC	Advanced Television Test Center, Inc. (USA)
ATTHeS	Advanced Technology Testing Helicopter System (DLR)
ATU	Access Termination Unit (Telekommunikation/telecommunication)
ATU	ADSL Terminal Unit
ATV	All-Terrain Vehicle
ATV	Area tegmentalis ventralis (im Gehirn/in the brain)
ATV	Automated Transfer Vehicle, Automatisches Transfervehikel (Raumfahrt/spacecraft)
AU	Astronomical Unit (Abstand Erde–Sonne/distance from earth to sun = 1.49×10^{11} m)
AU	Australien/Australia (ISO 3166)
AUC	American University in Cairo
AuC	Authentication Center (Telekommunikation/telecommunication)
AURA	Association of Universities for Research in Astronomy (USA)
AUT	Association of University Teachers (GB)
AUTEC	Atlantic Undersea Test and Evaluation Center (bei/near Andros Island in the Bahamas)
AutoBAHN	Automated Bandwidth Allocation across Homogeneous Networks (optische Telekommunikation/optical telecommunication)
AUTM	Association of University Technology Managers
Autosar	Automotive Open System Architecture
AUV	Autonomous Underwater Vehicle
AV	Audio- und Video-(Anschluss)
AV	Audiovisual (Sprachwahrnehmung/speech perception)
AVA	Aerodynamische Versuchsanstalt (Göttingen, 1907)
AVC	Advanced Video Coding
AVDP	Audio Video Delivery Platform
AVE	Alta Velocidad Española (Spanish high speed train)
AVE	Avenue (US Mail)
AvH	Alexander von Humboldt-Stiftung
AVHRR	Advanced Very High Resolution Radiometer (Fernerkundung/remote locating)
AVI	Akkreditierungsverbund für Ingenieurstudiengänge e.V.
AVI	Automatic Vehicle Identification
AVI	[Dateinamenerweiterung: Videodatei/file name extension: video file]
AVISO	Archivage, validation, interprétation des données des satellites océanographiques
AVK	FhAZ für Verkehrslogistik und Kommunikationstechnik (Nürnberg, DE)
A-VLAN	Authenticated VLAN (Telekommunikation/telecommunication)
AVM	Autarke verteilte Mikrosysteme (Computertechnologie/computer technology)
AVO	Astronomical Virtual Observatory (Europe)
AVO	Audio-Visual Object (Telekommunikation/telecommunication)
AVS	Advanced Visual Systems
AVS	American Vacuum Society
AVV	FhAZ für Verarbeitungsmaschinen und Verpackungstechnik (Dresden, DE)
AW	Aruba (ISO 3166)
AW-CDM	Adaptive Weighted CDM
AWE	Arbeitsplatz-Wiedergabe-Einheit (digitales Sprachübertragungssystem/digital speech transmission)
AWFORS	Advanced Welding Technologies for Repair and Salvage of High Valued Engine Components on Nickel and Titanium Based Alloys (zur Reparatur von Flugzeugtriebwerken/for aircraft engine repair)
AWG	American Wire Gauge
AWG	Array(ed) Waveguide Grating (filter, photonics)
AWGN	Additive (or: Average) White Gaussian Noise
AWI	Alfred-Wegener-Institut für Polar- und Meeresforschung (Bremerhaven, DE)
AWIATOR	Aircraft Wing with Advanced Technology Operation
AWMA	Automated Working Memory Assessment
AWO	Arbeiterwohlfahrt
AWO	Auftragsforschung-West-Ost (BMFT)
AWOP	All Weather Operations Panel (Allwetter-Flugbetrieb/weather-independent air traffic)
AWRI	Australian Wine Research Institute
AWS	Advanced Wireless Spectrum (Telekommunikation/telecommunication)
AWZ	ausschließliche Wirtschaftszone
AXAF	Advanced X-Ray Astrophysics Facility (Satellite, USA)
AZ	Arizona (US-Staat/US state)
AZ	Aserbeidschan/Azerbaijan (ISO 3166)
Azipod	Azimuthing Electric Podded Propulsion (Schiffsantrieb/ship propulsion)
AZT	Allianz Zentrum für Technik (Ismaning bei München, DE)

B

BA	Bachelor of Arts
BA	Berufsakademie

BA	Bosnien und Herzegowina/Bosnia and Herzegovina (ISO 3166)
BA	Bremsassistent (Kfz/motor vehicle)
BACODINE	Batse Coordinates Distribution Network (Astrophysik/astrophysics)
BAe	British Aerospace
BAEF	Belgian American Educational Foundation
BAFA	Bundesamt für Wirtschaft und Ausfuhrkontrolle (DE)
BAföG	Bundesausbildungsförderungsgesetz
BAGMO	Bundesarbeitsgemeinschaft Motorrad
BAI	Beratender Ausschuss der Industriephysiker (in der DPG)
BAK	[Dateinamenerweiterung: Sicherungskopie/file name extension: backup file]
BAKOM	Bndesamt für Kommunikation (CH)
BALK	Bundesarbeitsgemeinschaft leitender Krankenpflegepersonen e.V.
BAM	Bundesanstalt für Materialforschung und -prüfung (Berlin, DE)
BAME	Bayerische Arbeitsgemeinschaft Mikroelektronik
BAN	Body Area Network
BAPT	Bundesamt für Post und Telekommunikation (früher/formerly: FTZ, später/later on: RegTP)
BAR	Biologische Arbeitsstoff-Referenz(werte)
BARC	Bay Area Research Center (Microsoft-Forschungszentrum)
BARN	Bayer-Alzheimer Research Network
BAS	Broadband Access Server (Telekommunikation/telecommunication)
BASE	Bacterial Adaptation to Space Environment (ESA project)
BASF	Badische Anilin- und Sodafabrik
BASIC	Beginners All Purpose Symbolic Instruction Code
BAST	Bundesanstalt für Straßenwesen (Bergisch-Gladbach, DE)
BASYS	Baltic Sea System Study
BAT	Bandwidth Allocation Threshold (Datennetz/data network)
BAT	Biologische Arbeitsstofftoleranz(werte)
BAT	Bonquet Association Table
BAT	British Antarctic Territory
BAT	Bundesangestelltentarif
BAT	Burst-Alert Telescope (an Bord von/aboard SWIFT Orbiter)
BAT	[Dateinamenerweiterung: Batchdatei/file name extension: batch file]
BATSE	Burst and Transient Source Experiment (GRO)
B.A.U.M.	Bundesdeutscher Arbeitskreis für umweltbewusstes Management e.V.
BB	Barbados (ISO 3166)
BB	Baseband (Telekommunikation/telecommunication)
BB	Brandenburg (Bundesland/German Federal State)
BB	Broadband
BBAW	Berlin-Brandenburgische Akademie der Wissenschaften
BBB	Blood-Brain Border, Blut-Hirn-Schranke
BBC	Broadband Coupler (Datennetz/data network)
BBE	Broadband Entertainment
BBI	Base Band to Base Band Interface (Telekommunikation/telecommunication)
BBiG	Berufsbildungsgesetz
BBK	Bundesamt für Bevölkerungsschutz und Katastrophenhilfe
BBMA	Baseband Module Revision A (Telekommunikation/telecommunication)
BBMC	Baseband Module Revision C (Telekommunikation/telecommunication)
BBN	Bolt, Beranek & Newman (USA)
BBO	Beta-Bariumborat (nichtlinearer Kristall/nonlinear crystal)
BBRAN	Broadband Remote Access Network (or: Node)
BBRAS	Broadband Remote Access Server
BBS	Behavioral and Brain Science (Journal)
BBS	Bulletin Board System (Internet)
BBSO	Big Bear Solar Observatory (Big Bear Lake, CA, USA)
BBW	Bundesverband der Brand- und Wasserschadenbeseitiger e.V.
BC	Before Christ
BCA	Burst Cutting Area (Telekommunikation/telecommunication)
BCAST	Broadcast
BCC	Base (Transceiver) Station Color Code (Mobilfunk/mobile radio)
bcc	blind carbon copy (Durchschlag, ohne Nachricht an andere Adressaten)
BCC	Buffer Congestion Control (Telekommunikation/telecommunication)
BCCH	Broadcast Control Channel (Mobilfunk/mobile radio)
BCD	Binary Coded Decimal
BCE	Before Common Era (= vor Christus/before Christ)
BCH	Bicentenario de Capital Humano (Chile)
BCH	Bose-Chaudhuri-Hocquenghem (Fehler korrigierender Code/error correcting code)
BCI	Brain-Computer Interface
BCIS	Biodiversity Conservation Information System
BCP	Burst Control Packet
BCR	Biospecimen Core Resource
BCR	Bureau Communautaire de Référence
BCRT	Berlin-Brandenburgisches Zentrum für regenerative Therapien (Stammzellenforschung/stem cell research)
BCRU	British Committee on Radiation Units and Measurement
BCS	Bardeen-Cooper-Schrieffer (Supraleitungstheorie/theory of superconductivity)
BCS	British Computer Society
BCSD	Business Council for Sustainable Development
BD	Bangladesh (ISO 3166)
BD	Business Division

BDA	Bundesvereinigung der Deutschen Arbeitgeberverbände
BDF	Bundesverband Deutscher Fertigbau
BDI	Backward Defect Indication
BDI	Belief, Desire, Intent
BDI	Bundesverband der Deutschen Industrie e.V. (Köln, DE)
BDNF	Brain-Derived Nerve Growth Factor
BDO	Bundesverband der Organtransplantierten
BDR	Battery Discharge Module (Satellitentechnik/satellite technology)
BDSL	Boundary-Scan-Description Language
BDVD	Bovine Viral Diarrhea Virus
BE	Belgien/Belgium (ISO 3166)
BE	Berlin (Bundesland/German Federal State)
BE	Best Effort
BEC	Backward Error Correction (Datenübertragung/data transmission)
BEC	Bose-Einstein Condensation
BEEM	Ballistic Electron Emission Microscopy
BEF	Best Effort Forwarding (Telekommunikation/telecommunication)
BEIR	Biological Effects of Ionizing Radiation
Bellcore	Bell Communications Research
BEM	Big Emerging Market (Welthandel/world trade)
BEM	Boundary Element Method (or: Model)
BEO	Biologie, Energie, Ökologie (KFA Jülich, Projektträger)
BEP	Bit Error Probability
BEPC	Beijing Electron Positron Collider
BER	Binary Encoding Rule (ASN.1)
BER	Bit Error Rate (or: Ratio)
BERO	Backup Explicit Route Object (Telekommunikation/telecommunication)
BERR	Business Enterprise and Regulatory Reform (UK Government Department)
BES	Beijing Spectrometer
BES	BlackBerry Enterprise Server (Computer)
BESAC	Basic Energy Sciences Advisory Committee
BeSC	Belfast e-Science Centre (Ireland)
BESSY	Berliner Elektronen-Speicherring für Synchrotronstrahlung
BEXUS	Ballon-Experimente für Universitätsstudenten (Okt. 2008, SE)
BF	Burkina Faso (früher/formerly: Obervolta/Upper Volta, ISO 3166)
BfA	Bundesanstalt für Arbeit
BfArM	Bundesinstitut für Arzneimittel und Medizinprodukte (Bonn, DE)
BFD	Bi-Directional Fault (or: Forwarding) Detection
bFGF	Basic Fibroblast Growth Factor (basischer Fibroblasten-Wachstumsfaktor)
BFH	Bundesfinanzhof
BFIO	Büro für Führungskräfte zu internationalen Organisationen (Frankfurt/M, DE)
BFL	Back Focal Length (optische Linsen/optical lenses)
BFN	Beam Forming Network (Satellitenantenne/satellite antenna)
BFO	Beat Frequency Oscillator
BFP	Blue Fluorescent Protein
BfR	Bundesinstitut für Risikobewertung
BfS	Bundesinstitut für Strahlenschutz
BG	Border Gateway (Telekommunikation/telecommunication)
BG	Bulgarien/Bulgaria (ISO 3166)
BGA	Ball Grid Array, Kugelgitteranordnung (Chipgehäuse/chip box)
BGAN	Broadband Ground Access Network (Telekommunikation/telecommunication)
BGB	Bürgerliches Gesetzbuch
BGCF	Breakout Gateway Control Function (Telekommunikation/telecommunication)
BGO	Bismuth Germinate (Gammastrahlendetektor/gamma ray detector)
BGP	Border Gateway Protocol (Telekommunikation/telecommunication)
BGR	Bundesanstalt für Geowissenschaften und Rohstoffe
BGVV	Bundesanstalt für gesundheitlichen Verbraucherschutz und Veterinärmedizin
BH	Bahrain (ISO 3166)
BH	Buried Heterostructure (Laser)
BHC	Bayer Healthcare
BHCA	Busy Hour Call Attempt (Telekommunikation/telecommunication)
BHFP	Black Hole Finder Probe (Astronomie/astronomy)
BHKW	Blockheizkraftwerk
BI	Burundi (ISO 3166)
BIAS	Bremer Institut für Angewandte Strahltechnik
BIBB	Bundesinstitut für Berufsbildung (Bonn, DE)
BIC	Blind Interference Cancellation (DARP, Telekommunikation/telecommunication)
BICC	Bearer Independent Call Control (Telekommunikation/telecommunication)
BICI	Broadband Inter-Carrier Interface (Datennetz/data network)
BiCMOS	bipolar CMOS
BIDS	Biological Integrated Detection System
BIE	Boundary Integral Equation
BIFS	Binary Format for Scenes (digitales Fernsehen/digital TV)
BILL	Beacon Illuminator Laser (US Waffe/weapon)
BIMS	Biobank Information Management System
BImSchG	Bundes-Immissions-Schutzgesetz
BIOP	Broadcast Inter ORB Protocol (Telekommunikation/telecommunication)
BIOS	Basic Input/Output System

BIOS	Biomedical Optics
BIOT	Broadcast Inter ORB Protocol (Telekommunikation/telecommunication)
BIP	Bruttoinlandsprodukt (Volkswirtschaft, = GDP)
BIPM	Bureau International des Poids et Mesures (Sèvres, Paris)
BIS	Ballistik-Informations-System (in Jagdfernglas integriert)
B-ISDN	Broadband ISDN
BISP	Bio Imaging and Signal Proceessing
BISP TC	Bio Imaging and Signal Proceessing Technical Committee (in IEEE Signal Processing Society, since 2004)
BIT	Binary Digit
B-IT	Bonn–Aachen International Center for Information Technology
BITNET	Because It's Time Network
BJ	Benin (früher/formerly: Dahomey, ISO 3166)
BKA	Bundeskriminalamt
BKS	Bohr-Kramers-Slater (-Theorie/theory) (1924)
BL	Blaue Liste (Deutsche Forschungsinstitute/German research institutes)
BLAG	Buffer-Layer Assisted Growth (Festkörperphysik/solid state physics)
BLC	Back Light Compensation (Video-Kamera: Gegenlicht-Blendenvergrößerung)
BLC	Broadband Loop Carrier (Telekommunikation/telecommunication)
BLDC	Brushless d.c. (Elektromotor/electromotor)
BLER	Block Error Rate (or: Ratio) (Telekommunikation/telecommunication)
BLI	Bioluminescence Imaging
BLISKs	Blade Integrated Disks (Kompressorläuferscheiben für Flugzeuge/compressor rotor disks for aircraft)
BLK	Bund-Länder-Kommission für Bildungsplanung und Forschungsförderung
BLOB	Binary Large Object
BLS	Bucerius Law School (Hamburg, DE)
BLSR	Bidirectional Line Switching Ring
BLTP	Bogoljubow Laboratory of Theoretical Physics (VIK, Dubna, Russia)
BLU	Backlight Unit (in LCD-Bildschirm/screen)
BLVD	Boulevard (US Mail)
BM	Bermuda (ISO 3166)
BM	Broadband Manager
BMA	British Medical Association
BMB	Baltic Marine Biologists
BMBF	Bundesministerium für Bildung, Wissenschaft, Forschung und Technologie (DE)
BMBW	Bundesministerium für Bildung und Wissenschaft (DE)
BMBWFT	Bundesministerium für Bildung, Wissenschaft, Forschung und Technologie (DE)
BMC	Benchmarking Center (am/at the IIS, Außenstelle/branch Nürnberg, DE)
BMC	Broadcast/Multicast Control (Telekommunikation/telecommunication)
BMC	Burst Mode Controller (Datennetz/data network)
BMDS	Ballistic Missile Defense System (USA)
BME	Biomedical Engineering
BMFT	Bundesministerium für Forschung und Technologie (DE)
BMG	Bundesministerium für Gesundheit
BMGS	Bundesministerium für Gesundheit und Soziale Sicherung
BMI	Body Mass Index (siehe/see KMI)
BML	Broadcast(ing) Markup Language (Telekommunikation/telecommunication)
BMLD	Binaural Masking Level Difference
BMP	Bone Morphogenetic Protein
BMP	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
BMR	Ballistic Magnetoresistance
BMS	Business Management System
BM-SC	Broadcast/Multicast Service Center (Telekommunikation/telecommunication)
BMU	Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit (DE)
BMV	Bundesministerium für Verkehr (DE)
BMVBS	Bundesministerium für Verkehr, Bau und Stadtentwicklung (DE)
BMWi	Bundesministerium für Wirtschaft (DE)
BMZ	Brandmeldezentrale
BMZ	Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (DE)
BN	Brunei (ISO 3166)
BNC	Berkeley Nucleonics Corporation
BNetzA	Bundesnetzagentur (vergibt Funklizenzen/assigns radio frequencies)
BNI	Bernhard-Nocht-Institut für Tropenmedizin (Hamburg, DE)
BNL	Brookhaven National Laboratory
BNP	Brain Natriuretic Peptide
BNSC	British National Space Centre
BNV	Belgische Natuurkundige Vereniging
BO	Bolivien/Bolivia (ISO 3166)
BOC	Binary Offset Carrier (Modulation)
BoD	Bandwidth on Demand (Telekommunikation/telecommunication)
BOD	Biochemical Oxygen Demand (Ireland, test)
BOM	Bill of Materials
BOOMERANG	Balloon Observations of Millimetric Extragalactic Radiation and Geomagnetics
BONT	Broadband Optical Network Termination
BOS	Behörden und Organisationen mit Sicherheitsaufgaben
BOSS	Building Operating and Security System
BOT	Build, Operate and Transfer (Telekommunikation/telecommunication)
BPDU	Bridge Protocol Data Unit (Ethernet)
BPEL	Business Process Execution Language (Telekommunikation/telecommunication)

BPF	Blade Pass Frequency (of propeller)
BPON	Broadband Passive Optical Network (optische Telekommunikation/optical telecommunication)
BPP	Beam Parameter Product (Laserdioden/laser diodes)
BPP	Bund Philatelistischer Prüfer
BPR	Business Process Reengineering
BPS	The Bulgarian Physical Society
BPSK	Binary Phase Shift Keying (Modulation, Binäre Phasenumtastung)
BPSR	Bidirectional Path Switched Ring (Telekommunikation/telecommunication)
BPTI	Bovine Pancreatic Trypsin Inhibitor
BPX	Burning Plasma Experiment (Fusionsreaktortechnik/fusion reactor technology, PPPL)
BQB	Bluetooth Qualification Body (Telekommunikation/telecommunication)
BQTF	Bluetooth Qualification Test Facility
bR	Bacteriorhodopsin
BR	Basic Research (ESPRIT)
BR	Biosphärenreservat (Naturschutz/nature conservation)
BR	Brasilien/Brazil (ISO 3166)
BRA	Basic Rate Access (ISDN)
BRAGECRIM	Brazilian German Collaborative Research Initiative in Manufacturing Technology
BRAHMS	Broad Range Hadron Spectrometer (RHIC)
BRAN	Broadband Radio Access Network (Telekommunikation/telecommunication)
BRAS	Broadband Remote Access Server (Telekommunikation/telecommunication)
BREMA	British Radio Equipment Manufacturers' Association
BREW	Binary Runtime Environment for Wireless (Telekommunikation/telecommunication)
BRGM	Bureau de Recherches Géologiques et Minières (FR)
BRIDGE	Bilateral Research and Industrial Development Enhancing and Integrating Grid Enabled Technologies (EU-gefördertes Europäisch-Chinesisches Computernetz-Projekt/EU sponsored European-Chinese computer network project)
BRITE	Basic Research in Industrial Technologies for Europe
BRS	Behavioral Response Study (Meeresbiologie/marine biology)
BRS	Buried Ridge Stripe (Telekommunikation/telecommunication)
BRT	Bruttoregistertonne
BS	Bahamas (ISO 3166)
BS	Bandstop (filter)
BS	Base Station (Telekommunikation/telecommunication)
BS	British Standard
BS	Broadcast Satellite (Digitalrundfunk/digital broadcast)
BSA	Broadband Service Aggregator (Telekommunikation/telecommunication)
BSC	Barcelona Supercomputing Center (ES)
BSC	Base Station Controller (Telekommunikation/telecommunication)
B.Sc.	Bachelor of Science
BSCCO	Bismuth-Strontium-Calcium-Copper Oxide, Wismut-Strontium-Calcium-Kupfer-Oxid $Bi_2Sr_2Ca_2Cu_3O_{10-x}$ (HTSL)
BSD	Blind Signal Deconvolution
BSDL	Boundary-Scan Description Language
BSE	Base Station Emulator (Telekommunikation/telecommunication)
BSE	Blind Signal Extraction
BSE	Bonn European School of Economics e.V.
BSE	Bovine spongiforme Enzephalopathie, Bovine Spongiform Encephalopathy (Rinderwahnsinn)
BSF	Back Surface Field (Solarzellen/solar cells)
BSG	Bundessozialgericht
BSH	Bundeamt für Seeschifffahrt und Hydrographie
BSH	[Medikament zur Tumorbehandlung mit Neutroneneinfangtherapie/medicine for tumour treatment with neutron capture therapy]
BSI	British Standards Institution
BSI	Bundesamt für Sicherheit in der Informationstechnik
BSIC	Base Transceiver Station Identity (= NCC + BCC)
BSML	Biosequence Markup Language
BSNR	Blurred Signal-to-Noise Ratio (Bildunschärfe/picture unsharpness)
BSP	Board Support Package (Maut-Erfassungssystem/toll registration system)
BSP	Bruttosozialprodukt
BSR	Base Station Router (Telekommunikation/telecommunication)
BSR	Board of Standards Review (USA)
BSR	Bottom Simulating Reflector (Ozeanologie/oceanology)
BSR	Broadband Service Router (Telekommunikation/telecommunication)
BSRN	Baseline Surface Radiation Network
BSS	Base Station Subsystem (Telekommunikation/telecommunication)
BSS	Blind Signal Separation
BSS	Broadcasting Satellite Service
BSS	Business Support System (Telekommunikation/telecommunication)
BST	Band Segmented Transmission (Digitalrundfunk/digital broadcast)
BSTU	Bundesbehörde für die Unterlagen des Staatssicherheitsdienstes der ehemaligen DDR
BT	Bhutan (ISO 3166)
BT	Business Telecommunications (TC in ETSI)
BTA	Biologisch-technische(r) Assistent(in)
BTA	Broadcasting Technical Association (Japan)
BTL	Biomass to Liquid (synthetischer Kraftstoff/synthetic fuel)
BTPG	Boundary-Scan-Test-Program Generation
B/TQE	Project Group on Television Quality Evolution
BTS	Base Transceiver Station (Telekommunikation/telecommunication)

BTS	Broadcast Television Systems GmbH (Darmstadt, DE)
BTV	Broadcast Television
BTW	by the way
Btx	Bildschirmtext
BU	Branching (or: Business) Unit (Rechnernetze, Telekommunikation/computer networks, telecommunication)
BUFORA	British UFO Research Association
Bull. P&I T.I.T.	Bulletin of Precision and Intelligence Laboratory, Tokyo Institute of Technology (Yokohama, Japan)
BUND	Bund für Umwelt und Naturschutz Deutschland e.V.
BV	Bouvetinsel/Bouvet Island (ISO 3166)
BVA	Berufsverband der Augenärzte Deutschlands e.V.
BVA	British Radio Valve Manufacturers' Association
BVPN	Broadband Virtual Private Network
BVW	Betriebliches Vorschlagswesen
BW	Baden-Württemberg (Bundesland/German Federal State)
b.w.	bitte wenden (engl.: p.t.o.)
BW	Botswana (ISO 3166)
BWA	Broadband Wireless Access (Telekommunikation/telecommunication)
B-WiN	Breitband-Wissenschaftsnetz (Datennetz, bis/data network, up to 155 Mbit/s)
BWL	Beriebswirtschaftslehre
BY	Bayern (Bundesland/German Federal State)
BY	Weißrussland/Belarus (ISO 3166)
BYU	Brigham Young University (Provo, UT, USA)
BZ	Belize (ISO 3166)
BZ	Belousov-Zhabotinsky (oszillierende chemische Reaktion/oscillating chemical reaction)
BZ	Brennstoffzelle (= FC)
BZMM	Berliner Zentrum für Mechatronische Medizintechnik
B2B	Business-to-Business
B2C	Business-to-Consumer
B3G	Beyond Third Generation (Telekommunikation/telecommunication)

C

C	Cytosin (DNA-Base/DNA base)
CA	California (US-Staat/US state)
CA	Call Agent (Telekommunikation/telecommunication)
CA	Cancer (Krebs)
CA	Cellular Automata
CA	Code Acquisition
CA	Computer Algebra
CA	Computer-Animation
CA	Conditional Access (Telekommunikation/telecommunication)
CA	Conservation Agriculture
CA	Kanada/Canada (ISO 3166)
CAA	Canadian Acoustical Society
CAA	Civil Aviation Authority (UK)
CAA	Computational Aeroacoustics
CAAT	Center for Alternatives to Animal Testing (Johns Hopkins University, Baltimore, MD, USA)
CAC	Call Acceptance (or: Admission) Control (Telekommunikation/telecommunication)
CACSD	Computer Aided Control System Design
CAD	Computer Aided Design
CADE	Computer Algebra and Differential Equations (Programm bei der GMD/research program of the GMD)
CAE	Computer Aided Engineering
CAESAR	Center of Advanced European Studies and Research (Bonn, DE)
CAFE	Corporate Average Fuel Efficiency (or: Economy)
CAG	Computer Aided Gage (or: Gaging) (computerunterstützte Kfz-Schaltung/automobile gear)
CAGR	Compound Annual Growth Rate
CAHA	Centro Astronómico Hispano-Alemán (= DSAZ) (Calar Alto)
CAI	Calcium-Aluminum Inclusion (Astrophysik/astrophysics)
CAI	Cavity as Interface
CAI	Computer-Aided (or: Assisted) Instruction
CAIMIS	Chemistry Analysis Information Management Interface System
CAIP	Center for Advanced Information Processing (Rutgers University, USA)
CAIR	Center for Artificial Intelligence Research (Korea)
CAL	Computer-Aided (or: Assisted) Learning
CALO	Cognitive Agent that Learns and Organizes
Caltech	California Institute of Technology (Los Angeles, CA, USA)
Caltrans	California Department of Transportation
CAM	Career Asset Manager (IEEE)
CAM	Computer Aided Manufacturing
CAMA	Crew Assistant System for Military Aircraft
CAMEL	Cellular Automata Environment for Systems Modelling
CAMEL	Customized Applications for Mobile (Network) Enhanced Logic (Telekommunikation/telecommunication)
CAMEO	Computer Aided Mechanistic Evaluation of Organic Reactions
CAML	Census of Antarctic Marine Life
CAMP	Channel Amplifier
cAMP	cyclisches Adenosintriphosphat
CAMS	Card Application Management System (Smart Card)
CAN	Control(ler) Area Network
CAN	Customer Access Network

CANIF	Carbon and Nitrogen Cycling in Forest Soils
CAO	Computer Aided Optimization
CAOHC	Council for Accreditation in Occupational Hearing Conservation
CAP	Camel Applications Part (Telekommunikation/telecommunication)
CAP	Canadian Association of Physics
CAP	Capabilities Application Part (Telekommunikation/telecommunication)
CAP	Carrierless Amplitude Phase (Modulation)
CAP	Committee on Applied Physics (APS)
CAP	Common Agricultural Policy
CAP	Computer Aided Painting (Lackier-Roboter)
CAP	Council of the American Physical Society
CAPE	Computer Assisted Process Engineering
CAPES	Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (BR)
CAPEX	Capital Expenditure
CAPRA	Concept to Amplify Plutonium Reduction in Advanced Fast Reactors (CEA)
CAPS	Call Attempts per Second (Telekommunikation/telecommunication)
CAPTCHA	Completely Automated Public Turing Test to Tell Computers and Humans Apart (Internet)
CAQ	Computer Aided Quality
CAR	Center Automotive Research (FH Gelsenkirchen, DE)
CARA	California Association for Research Astronomy
CARAT	Computer Aided Radio and Television
CARE	Comprehensive Approach for Recycling of Electronics
CARF	Council for Accreditation of Rehabilitative Facilities (USA)
CARIBIC	Civil Aircraft for the Regular Investigation of the Atmosphere Based on an Instrument Container
CARL	Colorado Alliance of Research Libraries
CARMA	Combined Array for Research in Millimeter-Wave Astronomy (California, USA)
CarNak	Carbon Nanotube Aktuatorik
CAROD	Computer Aided Robust Design
CARPET	Cellular Programming Environment
CARROUSO	Creating, Assessing and Rendering in Real Time of High Quality Audio-Visual Environments in MPEG-4 Context (3D-Klangverfahren/3D sound reproduction)
CARS	Center for Advanced Radiation Sources (Chicago, IL, USA)
CARS	Coherent Anti-Stokes Raman Spectroscopy (or: Scattering)
CART	Combination Antiretroviral Therapy
CAS	Calorimetric Absorption Spectroscopy
CAS	Channel Associated Signaling
CAS	Chemical Abstracts Service (Datenbak, seit/data bank, since 1907)
CAS	China Academy of Sciences
CAS	Committee on Assurance of Supply
CAS	Complex Adaptive Systems
CAS	Conditional Access System (Digitalrundfunk/digital broadcast)
CAS	Controlled Access Service
CASA	Computational Auditory Scene Analysis
CASE	Computer Aided Software Engineering
$C^2A^2S^2E$	Center for Computer Applications in Aerospace Science and Engineering (DLR, Braunschweig, DE)
CASI	Canadian Aeronautic and Space Institute
CASIPS	Close to Application Study in Polymer Science (IAP-Förderprogramm/IAP grant program)
CASP	Competitive Access Service Provider (Telekommunikation/telecommunication)
CASP	Critical Assessment of Techniques for Protein Structure Prediction
CASSE	Comet Acoustical Surface Sounding
CAST	Cardiac Arrythmia Suppression Trial
CAST	[Competence] Center for Applied Security Technology
CAT	Collaborative Access Team (at APS, Argonne)
CAT	Computer-Aided Teaching
CAT	Computer-Aided Tomography
CAT	Computerized Axial Tomography
CAT	Conditional Access Table (Telekommunikation/telecommunication)
CATC	Continuous Automatic Train Control (Eisenbahntechnik/railway technology)
CATI	Computer Assisted Telephone Interviewing
CATS	Capacitive Anti-Finger-Trap System (Einklemmschutz bei Autofenstern/vehicle windows)
CATV	Cable Television
CATV	Coaxial Television
CATV	Community (or: Common) Antenna Television
CAVE	Cave Automatic Virtual Environment
CB	Cellular Broadcast
CB	Control Burst (Telekommunikation/telecommunication)
CBC	Cell Broadcast Center (Telekommunikation/telecommunication)
CBDS	Connectionless Broadband Data Service
CBEN	Center for Biological and Environmental Nanotechnology (Rice University, USA)
CBI	Cosmic Background Imager (Radioteleskop-Array/radio telescope array in Chile)
CBIR	Content-Based Image Retrieval
CBMC	Convergence of Broadcast and Mobile Services (Telekommunikation/telecommunication)
CBN	Cubic Boron Nitride
CBO	Compact Base Station Outdoor (Mobilfunk/mobile radio)
CBO	Congressional Budget Office (USA)
CBP	Customs and Border Protection (USA)
CBQ	Class Based Queuing (Telekommunikation/telecommunication)
CBR	Constant Bit Rate (Datenübertragung/data transfer)

CBR	Content-Based Retrieval
CBS	Cell Broadcast Service (Telekommunikation/telecommunication)
CBS	Centrum für Schlaganfall-Forschung Berlin (Charité)
CBSDM	Component-Based Scene Description Model
CBT	Computer Based Training
CBT	Coulomb Blockade Thermometer
CBTC	Communication Based Train Control (Eisenbahntechnik/railway technology)
CBTL	Certification Body Testing Lab
CC	Call Control (Layer 3)
CC	Capital Cost
cc	Carbon Copy (Durchschlag)
CC	Competence Center (computer networks)
CC	Connection Coordinator
CC	Continuity Checking (Telekommunikation/telecommunication)
CC	Copyright Compliant (Telekommunikation/telecommunication)
CC	Cross Connect (Telekommunikation/telecommunication)
CC	Kokosinseln/Cocos Islands (ISO 3166)
CCA	Continuum Computer Architecture
CCAT	Cornell Caltech Atacama Telescope (Radioteleskop/radio telescope, geplant für/planned for 2013)
CCB	Customer Care and Billing (Telekommunikation/telecommunication)
CCBS	Customer Care and Billing System (or: Service) (Telekommunikation/telecommunication)
CCC	Comprehensive Cancer Center (Heidelberg, DE)
CCC	Cross-Correlation Coefficient
CCCH	Common Control Channel (Telekommunikation/telecommunication)
CCD	Carbonate Compensation Depth (im Meer/in the Ocean)
CCD	Centre-to-Centre Displacement (microoptics)
CCD	Charge-Coupled Device
CCDM	Consultive Committee for the Definition of the Metre
CCDS	Comité Consultatif pour la Definition de la Seconde
CCE	Comité Consultatif d'Electricité
CCES	Center for Computational Engineering Science (RWTH Aachen, DE)
CCF	Call Control Function (Telekommunikation/telecommunication)
CCF	Cross-Correlation Function
CCFL	Cold-Cathode Fluorescent Lamp
CCG	Chemical Computing Group (UK)
CCI	Co-Channel Interference (Telekommunikation/telecommunication)
CCI	Comité Consultatif International [des communications téléphoniques à grande distance] (seit/since 1924)
CCID	Coordinating Center for Infectuous Disease (Atlanta, GA, USA)
CCIF	Comité Consultatif International Téléphonique (später/later on: CCIT)
CCIR	Comité Consultatif International des Radiocommunications
CCIT	Comité Consultatif International des Communications Télégraphiques (gegründet/founded 1925, ab/since 1956: Comité Consultatif International de Communication Télégraphique et Téléphonique)
CCITT	Comité Consultatif International pour la Télégraphie et le Téléphone
CCK	Complementary Code Keying (Telekommunikation/telecommunication)
CCLD	Constant Current Line Drive (Konstantstromversorgung)
CCLRC	Council for the Central Laboratory of the Research Councils (UK)
CCM	Comité Consultatif pour la Masse et les Grandeurs Apparantées
CCM	CORBA Component Model (Telekommunikation/telecommunication)
CCNY	City College of New York (USA)
CCO	Central Coordination Office
CCP	Customer Convenience Port
CCPCH	Common Control Physical Channel (Telekommunikation/telecommunication)
CCPR	Comité Consultatif de Photométrie et Radiométrie
CCS	Common Channel Signaling
CCS	Compute Cluster Server (Windows, 2003)
CCS	CO_2 (or: Carbon) Capture and Storage (Umweltschutz/environment conservation)
CCS	Satellite Control Center
CCSA	China Communications Standard Association (Telekommunikation/telecommunication)
CCT	Correlated Colour Temperature
CCT	Cyclic Corrosion Test, zyklischer Korrosionstest
CCTV	Closed Circuit Television
CCV	Control-Configured Vehicle (Flugzeug/aircraft)
CCVC	Capacitively Coupled Voltage Contrast
CCW	counterclockwise
CCXML	Call Control Extensible Markup Language (Telekommunikation/telecommunication)
CD	Chromatic Dispersion (Glasfaser/glass fiber)
CD	Compact Disc
CD	Demokratische Republik Kongo (früher Zaire)/Democratic Republic of Congo (former Zaire) (ISO 3166)
CDA	Committee on Diversity in Acoustics (ASA, USA)
CDA	[Dateinamenerweiterung: CD-Titel auf Musik-CD/file name extension: CD title on music CD]
CDC	Cell Division Cycle
CDC	Center for Disease Control [and Prevention] (Atlanta, GA, USA)
CDC	China Development Corporation (Taiwan)
CDC	Continuous Damping Control
CDC	Control Data Corporation
CDD	Childhood Disintegrative Disorder
CDDI	Copper Distributed Data Interface
CDE	Common Desktop Environment

CDE	Component Development Environment (Telekommunikation/telecommunication)
CDF	Channel Definition Format
CDF	Collider Detector at Fermilab
CDF	Cumulative Density (or: Distribution) Function
CDG	Carl-Duisberg-Gesellschaft
CDG	Congenital Disorders of Glycosylation
CDH	Completely Detached H-Regime (Fusionsreaktortechnik/fusion reactor technology)
CD-I	Compact Disc-Interactive
CDK	Cyclin Dependent Kinase (Medizin/medicine)
CDM	Clean Development Mechanism (Umweltschutz/environment conservation)
CDM	Code Division Multiplex(ing)
CDM	Cold Dark Matter (Kosmologie/cosmology)
CDMA	Code Division Multiple Access (Mobilfunk/mobile radio)
CDMS	Clinical Data Management System
CDMS	Cryogenic Dark Matter Search (Astrophysik/astrophysics, USA)
CDN	Content Delivery (or: Distribution) Network (Telekommunikation/telecommunication)
cDNA	Complementary DNA
CDP	Code Domain Power (Telekommunikation/telecommunication)
CDP	Core Description Profile (Telekommunikation/telecommunication)
CdPNo	Called Party Number (Telekommunikation/telecommunication)
CDR	Call Data (or: Detail) Record (Telekommunikation/telecommunication)
CDR	Clock Division Recovery (Telekommunikation/telecommunication)
CDR	[Dateinamenerweiterung: Corel Draw-Graphikdatei/file name extension: Coral Draw graphic file]
CDR	Critical Design Review
CD-ROM	Compact Disc Read-Only Memory
CDS	Chromatography Data System
CDS	Clinical Decision Support (USA)
CDS	Coronal Diagnostic Spectrometer (an Bord von/aboard SOHO)
CDS	Correlated Double Sampling (Rauschunterdrückung/noise reduction)
CDS	Crosspoint Development System
CDT	Causal Dynamical Triangulation (Gravitationstheorie/theory of gravitation)
CDV	Cell Delay Variation
CDVT	Cell Delay Variation Tolerance
CDW	Charge-Density Wave
CE	Capillary Electrophoresis
CE	Carrier Ethernet (Telekommunikation/telecommunication)
CE	Chief Executive
CE	Circuit Emulation (Telekommunikation/telecommunication)
CE	Communauté (oder/or: Conformité) Européenne
CE	Consumer Electronics
CE	Customer Edge (or: Equipment) (Telekommunikation/telecommunication)
CE	Kapillarelektrophorese
CEA	Center for Extreme Ultraviolet Astrophysics (Berkeley, CA, USA)
CEA	Commisariat à l'Energie Atomique (Fontenay aux Roses, FR)
CEA	Consumer Electronics Association (USA)
CEAS	Confederation of European Aerospace Societies
CEBAF	Continuous Electron Beam Accelerator Facility (Newport News, VA, USA)
CeBIT	Centrum für Büro- und Informationstechnik (Messe, Hannover/Hanover fair, DE)
CEC	Commission of the European Communities
CEC	Countries of Central Europe (ehem. Ostblockländer/former Eastern Block countries)
CECS	Center for Energy and Climate Solutions (Annadale, VA, USA)
CEC-WYS	Central European Centre for Women and Youth in Science
CEDIA	Custom Electronic Design and Installation Association (USA)
CEDIM	Center for Disaster Management and Risk Reduction Technology (Univ. Karlsruhe, DE)
CEDR	Conference of European Directors of Roads
CÈDRE	Centre of Documentation, Research and Experimentation on Accidental Water Pollution (French Organization)
CEE	Controlled Exposure Experiment
CEEES	Committee of European Environmental Engineering Societies (at the ICT, Pfinztal, DE)
CEET	Clean and Efficient Energy Technologies
CEF	Concurrent Engineering Facility (DLR, Bremen, DE)
CEFE	Centre for Functional and Evolutionary Ecology (Montpellier, FR)
CEFS	Centre for Entrepreneurial and Financial Studies (TU München, DE)
CEI	Central European Initiative
CEI	Commission Electrotechnique Internationale (= IEC)
CEIC	Committee on Electronic Information and Communication
CEIN	Center for Environmental Implications of Nanotechnology (University of California at Los Angeles, USA)
CELIA	Centre for Lasers and Intense Applications (Bordeaux, FR)
CELIAS	Charge, Element and Isotope Analyses System (an Bord von/aboard SOHO)
CellID	Cell Identification (Telekommunikation/telecommunication)
CELP	Code-Excited Linear Prediction
CELT	California Extremely Large Telescope
CELTIC	Cooperation for a Sustained European Leadership in Telecommunications
CEM	Channel Electron Multiplier
CEMA	Consumer Electronics Manufacturers Association
CEN	Centre d'études nucléaires (Bordeuax-Gradignan, FR)
CEN	Comité Européen de Normalisation [European Committee for Standardization, Europäisches Komitee for Normung]
CENELEC	Comité Européen de Normalisation Électrotechnique

CeNS	Center for NanoScience (LMU, München, DE)
CEO	Chief Executive Officer (entspricht Vorstandschef bei einer AG)
CEOCT	Confocal Enhanced Optical Coherence Tomography
CEPBA	Centre for Parallelism of Barcelona (Spain, Computer Center)
CEPI	Confocal Fabry-Perot Interferometer
CEPT	Conférence Européenne des Postes et (des) Télécommunications
CER	Communicating European Research (Meeting)
CER	Community of European Railways
CERAM	Centre d'essais et de recherche automobile de Montefontaine (bei/near Paris, FR)
CERC3	Chairmen and Directors of European Research Council's Chemistry Committees
CEREQ	Centre d'Etude de Recherche sur les Qualifications
CERES	Clouds and the Earth's Radiant Energy System (Satelliten-Erd-Fernerkundung/satellite remote earth sensing)
CERN	Conseil Européenne pour la Recherche Nucléaire (jetzt/now: Organisation Européenne …)
CERRO	Central European Regional Research Organization
CERT	Computer Emergency Response Team
CERTH	Centre for Research and Technology Hellas (Thessaloniki, GR)
CES	Cambridge Engineering Selector [Database] (UK)
CES	Circuit Emulation Services (Telekommunikation/telecommunication)
CES	Computational Engineering Science
CES	Consumer Electronics Show
CESGA	Centro de Supercomputatión de Galicia (ES)
CESoE[TH]	Circuit Emulation Service(s) over Ethernet (Telekommunikation/telecommunication)
CESRA	Community of European Solar Astronomers
CEST	C Expert System Tools
CEST	Chemical Exchange Saturation Transfer (Biomedizin/biomedicine)
CETA	Center of Excellence for Advanced Technology
CETHEDEC	Centre d'études théoriques de la détection et des communications (FR)
CETIM	Centre technique des industries mécaniques (FR)
CF	Cystische Fibrose (Mukoviszidose)
C&F	Cost and Freight (Handelsverkehr/trade)
CF	Zentralafrikanische Republik/Central African Republic (ISO 3166)
CFA	Color Filter Array (Bildverarbeitung/picture processing)
CFAR	Constant-False-Alarm Rate (Telekommunikation/telecommunication)
CFC	Carbon Fiber Reinforced Carbon
CFC	Chlorofluorocarbon
CFD	Computational Fluid Dynamics, scherzhaft auch/jokingly also: Colorful Fluid Dynamics
CFDS	Center for Doctoral Studies (RWTH Aachen, DE)
CFFL	Columbus Free Flying Laboratory (Raumfahrt/spacecraft)
CFFS	Conventional Fish-Finding Echo Sounder
CFG	Context-Free Grammar (Sprachverarbeitung/speech processing)
CFG	[Dateinamenerweiterung: Konfigurationsdatei/file name extension: configuration file]
CFHT	Canada-France-Hawaii Telescope (Mauna Kea)
CFI	Canada Foundation for Innovation (Saskatoon, Saskatchewan, CA)
CFI	Canonical Format Indicator (Telekommunikation/telecommunication)
CFI	Color Flow Imaging (Ultraschall-Doppler-Verfahren/ultrasound Doppler method)
CFIT	Controlled Flight into Terrain
CFL	CAD Framework Laboratory
CFL	Compact Fluorescent (Bulb)
CFO	Carrier Frequency Offset (Datenübertragung/data transfer)
CFO	Chief Financial Officer
CFP	Common Fisheries Policy (Europe)
CFP	Contention Free Period (Telekommunikation/telecommunication)
CFRP	Carbon-Fiber Reinforced Plastic
CFTR	Cystic Fibrosis Transmembrane Conductance Regulator
CFU	Colony Forming Units (Bakterien/bacteries)
CFV	Call for Votes (Rechnernetz/computer network)
CG	Charging Gateway
CG	Computer Graphics
CG	Chorion Gonadotropin (ein Hormon/a hormone)
CG	Volksrepublik Kongo/People's Republic of Congo (ISO 3166)
CGA	Cancer Genome Atlas
CGA	Ceramic Grid Array (Halbleitertechnik/semiconductor technology)
CGA	Color Graphics Adapter
CGC	Chemical Genomic Center (Dortmund, DE)
CGC	Complementary Ground Component (ergänzt/supplement to DVB-SH)
CGD	Coplanar Grid Detector
CGE	Compagnie Générale d'Electricité
CGH	Comparative Genomic Hybridisation (Mikroarraytechnik/microarray technology)
CGH	Computer-Generated Hologram
CGI	Common Gateway Interface (Telekommunikation/telecommunication)
CGIAR	Consultative Group for International Agricultural Research
CGM	Computer Graphics Metafile [Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
CGMS	Copy Generation Management System
CGPM	Conférence Générale des Poids et Mesures
CGRM	Centre Grenoblois de Résonance Magnétique (Grenoble, FR)
CGRO	Compton Gamma Ray Observatory
cgs	Centimeter – Gramm – Sekunde (Maßsystem/system of units)
CGS	Continuous Grain Silicon (Halbleitertechnik/semiconductor technology)

CGS	Corporate GSM Server (Telekommunikation/telecommunication)
CGS	Council of Graduate Schools (USA)
CH	Schweiz/Switzerland (ISO 3166)
CHAP	Challenge Handshake Authentication Protocol (Telekommunikation/telecommunication)
CHARM	CERN, Hamburg, Amsterdam, Rom, Moskau (Kernphysik-Kollaboration/nuclear physics collaboration)
CHARM	CH_4 Airborne Remote Monitor
CHARM	Comprehensive Human Animation Resource Model
CHC	Chlorinated Hydrocarbon
CHDM	Cold + Hot Dark Matter (Kosmologie/cosmology)
CHE	Centrum für Hochschulentwicklung (Gütersloh, DE)
CHEMFET	[FET mit chemischem Sensor als Gate-Elektrode/FET with chemical sensor as gate electrode]
CHEOPS	Chemistry of Ozone in the Polar Stratosphere
CHESS	Cornell High Energy Synchrotron Source (Teilchenbeschleuniger/particle accelerator)
CHF	Congestive Heart Failure (Herzinsuffizienz)
CHIL	Computers in the Human Interaction Loop (EU project)
CHILIAS	Children's Library – Information – Animation – Skills
CHMM	Call Handling MultiMedia (Telekommunikation/telecommunication)
CHORUS	CERN Hybrid Oscillation Research Apparatus
CHP	Center for History of Physics (AIP)
CHRG	Concert Hall Research Group (Acoustics, USA)
C/I	Carrier-to-Interference Performance (Telekommunikation/telecommunication)
CI	Cell Identity (Mobilfunk/mobile radio)
CI	Chemical Ionisation (Massenspektrometer/mass spectrometer)
CI	Elfenbeinküste/Ivory Coast (ISO 3166)
CIA	Central Intelligence Agency (oberste US-Geheimdienstbehörde)
CIAO	Coronographic Imager with Adaptive Optics
CIC	Cascaded Integrator-Comb (Signalverarbeitung/signal processing)
CIC	Center for International Cooperation (Bonn, DE)
CIC	Charge Injection Calibration
CIC	Conseil Internationale de la Chasse et de la Conservation du Gibier
CIC	Coronographic Imaging Camera
CICADA	Centre for Interdiciplinary Computational and Dynamical Analysis (University of Manchester, UK)
CICQ	Combined Input and Central Queuing (Telekommunikation/telecommunication)
CICS	Customer Information Control System (Telekommunikation/telecommunication)
CICYT	Comisión Interministerial de Ciencia y Tecnología (ES)
CID	Carrier Internetworking Division (Telekommunikation/telecommunication)
CID	Charge-Injection Device
CID	Collision-Induced Dissociation
CIDL	Configuration Item Data List (Telekommunikation/telecommunication)
CIDR	Classless Interdomain Routing (Internet)
CIE	Commission Internationale d'Eclairage, International Commission of Illumination
CIESIN	Consortium for International Earth Science Information Network
CIF	Common Intermediate Format (Datennetz/data network)
C.I.F.	Cost, Insurance, Freight (Handelsverkehr/trade)
CIG	Cell Interconnection Gateway (Datennetz/data network)
CIGS	Copper Indium Gallium Selenium (or: Diselenide) (für Photovoltaik/for photovoltaics)
CIM	Computer-integrated manufacturing
CIM	Corporate Information Management (USA)
CIME	Computer Integrated Manufacturing and Engineering
CIMSS	Center for Intelligent Material Systems and Structures (VPI & SU, Blacksburg, VA, USA)
CINR	Carrier-to-Interference plus Noise Ratio (Telekommunikation/telecommunication)
CIO	Chief Information Officer
CIOE	China International Optoelectronics Expo
CIOQ	Combined Input- and Output-Queued (Telekommunikation/telecommunication)
CIP	Centre for Integrated Photonics (UK)
CIP3	International Cooperation for Integration of Prepress, Press and Postpress (Druckindustrie/printing industry)
CIPM	Comité International des Poids et Mesures
CIPT	Computer Integrated Public Transportation
CIR	Carrier to Interference Ratio (Telekommunikation/telecommunication)
CIR	Channel Impulse Response
CIR	Circle (US Mail)
CIR	Committed Information Rate (Datennetz/data network)
CIR	Computer Integrated Railroading
CIR	Cylindrical Internal Reflection (ATR-Technik/ATR technology)
CIRA	Centro Italiano Ricerche Aerospaziali [Italian Aerospace Research Center] (Capua, IT)
CIR ELKE	Computer Integrated Railroading for Raising Efficiency in the Core Network (Eisenbahntechnik/railway technology)
CIRES	Cooperative Institute for Research in Environmental Sciences
CIRIT	ConselI Interdepartamental de Recerca i Innovació Tecnòlogica (ES)
CIRMMT	Centre for Interdisciplinary Research in Music Media and Technology (McGillI University, CA)
CIS	Card Information Structure
CIS	Commonwealth (or: Confederation) of Independent States (= GUS)
CIS	Compensated Image System (adaptive Optik/adaptive optics)
CIS	Constant Initial-State (Photoemission)
CIS	Copper Indium Selenide, Kupferindiumdiselenid (für Photovoltaik/for photovoltaics)
CISAC	Committee on International Security and Arms Control (USA)
CISC	Complex Instruction Set Computer
CiSE	Computing in Science and Engineering (AIP Magazine)
CISL	Computational and Information Systems Laboratory (at NCAR)

CISL	Contractual Index and Status List (Telekommunikation/telecommunication)
CISM	[International Centre for Mechanical Sciences], Udine, IT
CISPR	Comité International Spécial des Perturbations Radioélectriques (International Special Committee on Radio Interference, since 1933)
CIST	[Moskau-Fraunhofer] Institut für Chemische Technologie Pfinztal
CISTI	Canada Institute for Scientific and Technical Information
CIT	Center for Information Technology (beim/at the NIH, USA)
CITEL	InterAmerican Telecom Commission (Telekommunikation/telecommunication)
CITES	Convention of the International Trade in Endangered Species of Fauna and Flora (Internationale Übereinkunft zum Handel mit bedrohten Arten)
CIVA	Charge-Induced Voltage Alteration
CJD	Creutzfeld-Jakob Disease
CJK	Creutzfeld-Jakob-Krankheit
CJR	Central Japan Railway (Company)
CK	Clock (Telekommunikation/telecommunication)
CK	Cookinseln/Cook Islands (ISO 3166)
CKM	[Nicola] Cabbibo, [Makoto] Kobayashi, [Toshihide] Maskawa [Matrix] (Elementarteilchentheorie/elementary particle theory)
CKW	chlorierte Kohlenwasserstoffe
CL	Chile (ISO 3166)
Cl.	Classification (Patentliteratur/patent literature)
CL	Connectionless (Internet)
CL	Control(led) Load
CLAIRE	Clean Air Engine (Flugzeugmotor/aircraft engine)
C.L.E.	Club zur ländlichen Elektrifizierung
CLE	Customer Located Edge (or: Equipment) (Telekommunikation/telecommunication)
CLEC	Competitive Local Exchange Carrier (Telekommunikation/telecommunication)
CLEO	Conference on Lasers and Electro-Optics
CLEOPATRA	Cloud Experiment Oberpfaffenhofen and Transport
CLF	Connectivity Session Location and Repository Function (Telekommunikation/telecommunication)
CLFA	Coopération Laser Franco-Allemande
CLI	Calling Line Identification (Telekommunikation/telecommunication)
CLI	Command Line Interface (Telekommunikation/telecommunication)
CLI	Coupling Loop Interference (Telekommunikation/telecommunication)
CLIC	CERN Linear Collider
CLIP	Calling Line Identification Presentation (Telekommunikation/telecommunication)
CLORA	Club des Organismes de Recherche Associés (FR)
CLOS	Common LISP Object System
CLP	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
CLR	Connection Loudness Rating (Telefon/telephone)
CLS	Call Server (Telekommunikation/telecommunication)
CLS	Canadian Light Source (Synchrotron-Strahlungsquelle beim CFI/synchrotron radiation source at the CFI)
CLS	Collecte localisation satellite
CLS	Confocal Laser Scanning (Microscope)
CLSM	Confocal Laser-Scanning Microscope
CLT	Central Limit Theorem
CL20	Hexanitro-Isowurtzitan (Sprengstoff/explosive)
CM	Kamerun/Cameroon (ISO 3166)
CMA	Constant Modulus Algorithm
CMAC	Cerebellar Model Arithmetic Computer
CMAM	[Fraunhofer-] Center for Manufacturing and Advanced Materials (Newark, DE, USA)
CMB	[Fraunhofer-] Center for Molecular Biotechnology (Newark, DE, USA)
CMB	Cosmic Microwave Background
CMC	Carboxymethylcellulose
CMD	Carrier Multiplication Device (Telekommunikation/telecommunication)
CMD	Circuit Mode Data
CMD	Condensed Matter Division (EPS)
CME	Coronal Mass Ejection (Sonnenphysik/solar physics)
CMEM	[International] Conference on Computational Methods and Experimental Measurements
CMI	[Fraunhofer-] Center for Manufacturing Innovation (Boston, MA, USA)
CMIP	Common Management Information Protocol (Telekommunikation/telecommunication)
CMIR	Center for Molecular Imaging Research (Harvard University, Boston, MA, USA)
CMIS	Common Management Information Services (Telekommunikation/telecommunication)
CMISE	Common Management Information Services (or: System) Element (Telekommunikation/telecommunication)
CML	Chemical Markup Language
CML	Current Mode Logic (Schaltungstechnik/circuitry)
CMM	Capability Maturity Model
CMM	Chassis Management Modulus
CMM	Coordinate Measuring Machine
CMM	Corporate Mobility Manager (Telekommunikation/telecommunication)
CMMB	China Mobile Multimedia Broadcasting
CMN	Cerous Magnesium Nitrate (Temperaturnormal/temperature standard)
CMO	Complex Monolithic Optics
CMOS	Capacity-Coupled Metal-Oxide Silicon Device
CMOS	Complementary Metal-Oxide Semiconductor (Feldeffekt-Transistor/field effect transistor)
CMP	Chemical-Mechanical Polishing
CMPB	Centre Molecular Physiology of the Brain, DFG Forschungszentrum Molekularphysiologie des Gehirns (Göttingen, DE)
CMR	Colossal Magnetoresistance

CMRR	Common-Mode Rejection Ratio
CMS	Cambridge Materials Selector [Database] (UK)
CMS	Cluster Management System (Telekommunikation/telecommunication)
CMS	Compact Muon Solenoid (LHC, CERN)
CMS	Condensed Matter Science
CMS	Condition Monitoring System
CMS	Content-Management System (Wissensmanagement)
CMS	Corporate Mobile Server (Telekommunikation/telecommunication)
CM/SM	Communication/Service Module (Satellitentechnik/satellite technology)
CMSU	Central Missouri State University (USA)
CMT	Condition Monitoring System
CMT	Criticality Management Tool
CMTS	Cable Modem Termination System (Telekommunikation/telecommunication)
CMU	Carnegie Mellon University (Pittsburgh, PA, USA)
CMUT	Capacitive Micromachined Ultrasonic Transducer
CMYK	Cyan, Magenta, Yellow, Black (Bildverarbeitung/picture processing)
C/N	Carrier-to-Noise [Ratio]
CN	Core Network (Telekommunikation/telecommunication)
CN	Volksrepublik China/Peoples Republic of China (ISO 3166)
CNAM	Conservatoire National des Arts et Metiers (Paris, FR)
CNC	Comisión Nacional de Communicaciones (AR) (Telekommunikation/telecommunication)
CNC	Computer Numerical Control (Werkzeugmaschinen/machine tools)
CN/CS	Core Network/Circuit Switched (Telekommunikation/telecommunication)
CNEL	Community Noise Equivalent Level
CNES	Centre National d'Etudes Spatiales (FR)
CNET	Centre National d'Etudes des Télécommunications
CNM	Customer Network Management (Telekommunikation/telecommunication)
CNOT	Conditioned NOT (logisches Gatter/logical gate)
CNPq	Conselho Nacional de Desenvolvimento Cientifico e Tecnológico (BR)
CNR	Carrier-to-Noise Ratio
CNR	National Research Council (CA)
CNRS	Centre National de la Recherche Scientifique (FR)
CNS	Centre National d'Etudes Spatiales (FR)
CNS	Communication, Navigation, Surveillance
CNS	Conseil National de la Science (FR)
CNSA	Chinese National Space Administration
CNT	Carbon Nanotube, Kohlenstoff-Nanoröhrchen
CNT	[Fraunhofer] Zentrum für Nanoelektronische Technologien (Dresden, DE)
CNV	Choroidale Neovaskularisation (Augenkrankheit/eye disease)
CO	Central Office (Rechnernetze/computer networks)
CO	Colorado (US-Staat/US state)
CO	Connection-Oriented (Internet)
CO	Kolumbien/Colombia (ISO 3166)
CoA	Core of Address (Telekommunikation/telecommunication)
COB	Chip-On-Board
COBE	Cosmic Background Explorer (Satellit/satellite)
COBOL	Common Business-Oriented Language (Programmiersprache/programming language)
CoBRA	Computerized Bibliographic Record Actions
COCOM	Coordinating Committee for Multilateral Export Controls
COCOSDA	International Coordinating Committee on Speech Databases and Speech I/O Systems Assessment
COD	Catastrophical Optical Damage
CODAC	Cosmic Dust Aggregation Experiment
CoDAS	Condensed Matter Direct Alerting Service (Datenbank/data bank)
CODATA	Committee on Data for Science and Technology (seit/since 1966)
Codec	Coder-Decoder
CODEST	Committee for the Development of European Science and Technology
CoDIS	Combined DNA Index System (zur Überführung von Kriminellen/for the conviction of criminals, USA)
COE	Center of Excellence
COEHC	Coalition on Effective Hearing Conservation (USA)
COF	Columbus Orbit Facility (Weltraumlabor/space laboratory)
COFDM	Coded Orthogonal Frequency Division Multiplex(ing)
COFS	Control of Flexible Structures Program (NASA)
COGA	Collaborative Study on the Genetics of Alcoholism (USA)
COGR	Council on Governmental Relations (USA)
COICH	Channel Quality Indicator Channel (Telekommunikation/telecommunication)
COIL	Chemical Oxygen-Iodine Laser
COL	Construction and Operating License
COLCIENCIAS	Instituto Colombiano para el Desarrollo de la Ciencia y la Tecnología (CO)
COLTRIMS	Cold Target Recoil Momentum Spectroscopy
com	[Commercial Organization] (Internet, USA)
COM	Committee on Minorities in Physics (APS)
COM	Component (or: Common) Object Model
COM	[Dateinamenerweiterung: ausführbares Programm/file name extension: executable program]
COMBO	Classifying Objects by Medium-Band Observations
COMD	Catastrophical Optical Mirror Damage
COMEDD	Center for Organic Materials and Electronic Devices Dresden (am/at the IPMS)
COMET	C++ OSI Management Extended Toolchain
COMETT	Community Program for Education and Training in Technology

COMICS	Cooled Mid-Infrared Camera and Spectrograph
CoML	Census of Marine Life Initiative
COMPASS	Common Muon Proton Apparatus for Structure and Spectroscopy (CERN)
COMPENDEX	Computerized Engineering Index (Datenbank/data bank)
COMPETES	Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science (USA)
COMPLEX	Committee on Planetary and Lunar Exploration (National Research Council, USA)
COMPTEL	Imaging Compton Telescope
COMSAT	Communications Satellite Corporation (USA)
COMSEC	Communication(s) Security
COMSTECH	Committee on Scientific and Technical Cooperation
CONACYT	Consejo Nacional de Ciencia y Tecnología (MX)
ConCap	Constant Capacitance (Sensorik-Verfahren/sensoric method)
CONICET	Consejo Nacional de Investigaciones Científicas Técnicas (AR)
CONICYT	Comisión Nacional de Investigación Científica y Tecnológica (Chile)
CONNFFESSIT	Calculation of Non-Newtonian Flow: Finite Elements and Stochastic Simulation Technique
CONTRAIL	Comprehensive Observation Network for Trace Gases by Airliner
COORETEC	Kohlendioxid-Reduktions-Technologien (Kraftwerksforschungsprogramm des BMWi/German power plant research program)
COP	Chronisch obstruktive Lungenerkrankung
COP	Coefficient of Performance
COPASI	Complex Pathway Simulator
COPD	[Chronisch obstruktive Lungenerkrankung]
COPS	Common Open Policy Service (Telekommunikation/telecommunication)
COPS	Convective and Orographically-induced Precipitation Study (Meteorologie/meteorology)
COPUOS	Committee on the Peaceful Uses of Outer Space (UNO)
COR	Cellular Open Resource
CORBA	Common Object Request Broker Architecture (Telekommunikation/telecommunication)
CORDIS	Community Research and Development Information Service (EU)
CORVETTE	Coordination and Validation of the Development of Advanced Transport Telematic Systems in the Alpine Area
CoS	Class(es) of Service(s)
COS	College of Optical Sciences (University of Arizona, USA)
COS	Core Operation Server (Telekommunikation/telecommunication)
COSEPUP	Committee on Science, Engineering, and Public Policy (National Academy, USA)
COSINE	Cooperation for Open Systems Interconnection in Europe
CoSMIC	Combinatorial Sciences and Materials Information Collaboratory
COSMOS	Cosmic Evolution Survey (Astrophysik/astrophysics)
COSPAR	Committee on Space Research
COST	Cooperation in the Field of Scientific and Technical Research (EC), Coopération Européenne dans la domaine de la recherche scientifique et technique
COSTEP	Comprehensive Suprathermal and Energetic Particle (an Bord von/aboard SOHO)
COSY	Cooler Synchrotron (Jülich, DE)
COSY	Correlation Spectroscopy
COTS	Components (or: Commercial, or: Commodity) Off-The-Shelf (Hardware)
COUPP	Chicagoland Observatory for Underground Particle Physics (neuartige Blasenkammer/novel bubble chamber, USA)
COV	Calculus of Variation
COVER	Covariance Equivalent Realization
COX	Cyclo-Oxygenase (ein Enzym/an enzyme)
CP	Conference Proceedings (NASA etc.)
CP	Connection Performer
CP	Content Provider (Telekommunikation/telecommunication)
CP	Contention Period (Telekommunikation/telecommunication)
CP	Customer Premises (Rechnernetz/computer network)
CPA	Chirped Pulse Amplification (or: Amplifier) (optische Pulskompression/optical pulse compression)
CPAN	Comprehensive Perl Archive Network
CPB	Constant Percentage Bandwidth (Spektralanalyse/frequency analysis)
CPB	Cooper-Pair Box (Supraleitung/superconductivity)
CPC	Central Processing Center (Galileo)
CPC	Collaborative Product Commerce
CPCB	Central Pollution Control Board (Umweltbehörde in Indien/environmental authority in India)
CPCM	Mission Planning Control Center (Satellitensystem/satellite system)
CPCT	Center for Photoinduced Charge Transfer (Rochester, NY, USA)
CPDLC	Controller Pilot Data Link Communication (Telekommunikation/telecommunication)
CPE	Common Phase Error (Telekommunikation/telecommunication)
CPE	Customer Premise(s) Equipment (Internet)
CPERI	Chemical Process Engineering Research Institute (at CERTH, GR)
CPG	Computational Physics Group (EPS)
CPHY	Control Interface for Physical Layer (Telekommunikation/telecommunication)
CPICH	Common Pilot Channel (Telekommunikation/telecommunication)
CPL	Call Processing Language (Telekommunikation/telecommunication)
CPLD	Complex Programmable Logic Device
CPM	Cathode Pulse Memory
CPMQ	Control Processor Module Queuing (Telekommunikation/telecommunication)
CPN	Customer Premises Network (Rechnernetz/computer network)
CPP	Channel Plasmon Polariton (elektromagnetische Grenzflächenwellen/electromagnetic boundary layer waves)
CPP	Current-Perpendicular-to-Plane (Festkörperphysik/solid state physics)
CPPM	Centre for Photonics and Photonic Materials (University of Bath, UK)
CPRM	Copy Protection for Recordable Media (Telekommunikation/telecommunication)
CPS	Chinese Physical Society

CPS	The Czech Physial Society
CPSA	Copy Protection System Architecture (Telekommunikation/telecommunication)
CPT	Charge, Parity, Time (Invarianz gegen ...umkehr/invariance against ... reversal)
CPTWG	Copy Protection Technical Working Group (Telekommunikation/telecommunication)
CPU	Central Processing Unit (Computer)
CPV	Concentrator Photovoltaic
CPVS	Central Payload Video System
CPX	Close Proximity Method (Fahrzeug-Lärmmesstechnik/vehicle noise measurement)
CPX	Control Panel Extension
CQI	Channel Quality Indicator (or: Indication) (Telekommunikation/telecommunication)
CR	Cell Relay (Telekommunikation/telecommunication)
CR	Cosmic Rays
CR	Costa Rica (ISO 3166)
CRADA	Cooperative Research and Development Agreement (or: Award)
	[with private companies] (USA, staatl. Förderungsprogramm)
CRAFT	Cooperative Research Action For Technology (EU)
CRAHVI	Crashworthyness of Aircraft for High Velocity Impact
CRB	Cramér-Rao Bound
CRBT	Color Ring Back Tone (Telekommunikation/telecommunication)
CRC	Collaborative Research Centre (DFG)
CRC	Corporate Research Center
CRC	Cyclic Redundancy Check (Telekommunikation/telecommunication)
CRCG	[Fraunhofer-] Center for Research in Computer Graphics (Providence, RI, USA)
CRD	Color Rendering Dictionary (Bildverarbeitung/picture processing)
CRDF	Civilian Research and Development Foundation (USA)
CRDS	Cavity Ring-Down Spectroscopy
CREDO	Cluster of Research on Endocrine Disruption in Europe
CRESST	Cryogenic Rare Event Search with Superconducting Thermometers
CREST	Comité de la Recherche Scientifique et Technique (EU)
CREST	Core Research for Evolutional Science and Technology (Japan)
CRF	Centro Ricerche Fiat (in Italy)
CRG	Collaborating Research Group
CRH	Corticotropin-Releasing Hormon
CRI	Colour-Rendering Index
CRIM	Centre de Recherche en Informatique de Montréal (CA)
CRIS	Center for Research on Innovation and Society (Santa Barbara, CA, USA, und/and Berlin, DE)
CRISM	Compact Reconnaissance Imaging Spectrometer for Mars
CRISP	Coarse-Grained Reconfigurable Instruction Set Processor (Computer)
CRISP	Corrected Illumination Scanning Probe (im Transmissionselektronenmikroskop/in an transmission electron microscope)
CRL	Certificate Revocation List (Telekommunikation/telecommunication)
CRLB	Cramér-Rao Lower Bound
CRM	Certified Reference Material
CRM	Customer Relations Management (Telekommunikation/telecommunication)
CRN	Committee of a Regulatory Nature (EU)
CRNC	Controlling Radio Network Controller (Telekommunikation/telecommunication)
CRO	Clinical Research Organisation
CRO	Contract Research Organization
CroBIT	Cross Border Information Technology
CRP	C-reaktives Protein
CRSQA	Council for Refractive Surgery Quality Assurance (Augenchirurgie/eye surgery, USA)
CRT	Cathode Ray Tube
CRT	Conformal Radio Therapy
CRT	Cosmic-Ray-Tracking Project
CRV	Crew Return Vehicle (Raumfahrt/spacecraft)
CR/W	Controller Read/Write
CRYRING	Cryebis Storage Ring (Stockholm, SE)
CS	Call Server (Telekommunikation/telecommunication)
CS	Circuit-Switched (Telekommunikation/telecommunication)
CS	Commercial Services (Galileo)
CS	Communications Satellite
CS	Serbien und Montenegro/Serbia and Montenegro (ISO 3166)
CS	Tschechoslowakei/Czechoslovakia (ISO 3166 bis/until 1993)
CSA	Canadian Space Agency
CSA	Canadian Standards Association
CSA	Carrier Serving Area (Telekommunikation/telecommunication)
CSAGI	Comité Spécial de l'Année Géophysique Internationale
CSAIL	Computer Science and Artificial Intelligence Laboratory (MIT)
CSAR	Cryogenic Solar Absolute Radiometer
CSB	Centrum für Schlaganfall-Forschung Berlin (DE)
CSB	Charge Symmetry Breaking (Elementarteilchenphysik/elementary particle physics)
CSBU	Communication Services Business Unit (Telekommunikation/telecommunication)
CSC	Call and Session Controller (Telekommunikation/telecommunication)
CSC	Center for Scientific Computing
CSCC	Concurrent Supercomputing Consortium (USA)
CSCF	Call State (or: Session) Control Function (Telekommunikation/telecommunication)
CSCL	Computer-Supported Cooperative (or: Collaborative) Learning
CSCS/SCSC	Swiss Centre for Scientific Computing
CSCW	Computer Supported Cooperative (or: Collaborative) Work(ing)

CSD	Cambridge Structural Database (Chemie/chemistry)
CSD	Chemical Solution Deposition
CSD	Circuit Switched Data (Telekommunikation/telecommunication)
CSDP	Customer Specific Development Process
CSELT	Centro studi e laboratori telecomunicazioni (IT)
CSEM	Centre Suisse d'Electronique et de Microtechnique (Zürich, CH)
CSG	Centre Spatial Guyanais
CSI	Channel State Information (Telekommunikation/telecommunication)
CSI	Control-Structure Interaction
CSIR	Council for Scientific and Industrial Research (Südafrika/South Africa)
CSIRO	Commonwealth Scientific and Industrial Research Organisation (Canberra, AU)
CSIS	Center for Strategic and International Studies (Washington, DC, USA)
CSLI	Center for the Study of Language and Information (Stanford, CA, USA)
CSLP	[Fraunhofer-] Center for Surface and Laser Processing (Peoria, IL, USA)
CSM	Central Strength Member (Rechnernetz/computer network)
CSM	Communication Session Manager
CSM	Component and Supplier Management
CSM	Connection Session Management
CSM	Customer Service Management (Telekommunikation/telecommunication)
CSMA/CA	Carrier Sense Multiple Access/Collision Avoidance (Datennetze/data networks)
CSMA/CD	Carrier Sense Multiple Access/Collision Detection (Datennetze/data networks)
CSN	Circuit Switched Network (Telekommunikation/telecommunication)
CSNS	China Spallation Neutron Source (geplant für/planned for 2013)
CSO	Chief Scientific Officer
CSO	Composite Second Order (Verzerrung 2. Ordnung/second order distortion)
CSP	Center for the Study of the Presidency (USA)
CSP	Center für Silizium-Photovoltaik (Halle/Saale, DE)
CSP	Chip-Scale Package (gedruckte Schaltung/printed circuit)
CSP	Concentrated Solar Power (Parabolspiegelsystem/parabolic mirror facilities)
CSP	Constraint Satisfaction Problem
CSPF	Constraint Shortest Path First (Telekommunikation/telecommunication)
CSPI	Center for Science in the Public Interest (Washington, DC, USA)
CSR	Cell Switch Router (Telekommunikation/telecommunication)
CSR	Customer Service Representatives (Telekommunikation/telecommunication)
CSRZ	Carrier-Suppressed Return-to-Zero (optische Telekommunikation/optical telecommunication)
CSS	Cascading Style Sheets
CSS	Content Scramble (or: Scrambling) System
CSS	Cyclic Steam Stimulation (Ölsanderschließung/oilsand exploration)
CSTA	Computer Supported Telecommunication(s) (or: Telephony) Application (Telekommunikation/telecommunication)
CSTI	Civil Space Technology Initiative (NASA)
CSTN	Colour Super-Twisted Nematic (LCD)
CSU	Colorado State University (USA)
CSV	Comma Separated Value
CSVE	Chinese Society for Vibration Engineering
CSW	Core Switch
CSWP	Committee on the Status of Women in Physics (APS)
CT	Colour Temperature
CT	Computed Tomography, Computer-Tomographie (Röntgentechnik/X-ray technology)
CT	Connecticut (US-Staat/US state)
CT	Cordless Telecommunications
CT	Court (US Mail)
CTA	Chemisch-technische(r) Assistent(in)
CTA	Cherenkov Telescope Array
CTAN	Comprehensive TeX Archive Network
CTB	Composite Triple Beat (Verzerrung 3. Ordnung/third order distortion)
CTBT	Comprehensive Test Ban Treaty (Atomwaffenteststoppvertrag 1996)
CTBTO	Comprehensive Test Ban Treaty Organisation (Wien, AT)
CTC	Central Traffic Control (Eisenbahntechnik/railway technology)
CTC	Convolutional Turbo Code (Telekommunikation/telecommunication)
CTC	Crew Training Complex (DLR, Köln, Porz-Wahnheide, DE)
CTE	Coefficient of Thermal Expansion
CTH	Chalmers Tekniske Högskola (Göteborg, SEn)
CTI	Colour Transient Improvement (Konturverbesserung beim TV-Bild/TV picture contour improvement)
CTI	Computer-Telephony Integration (Telekommunikation/telecommunication)
CTI	Computer Telephony Interface (Telekommunikation/telecommunication)
CTI	Critical Technologies Institute (USA)
CTIA	Cellular Telecommunications Industry Association
CTIA	Charge Trans-Impedance Amplifier
CTIO	Cerro Tololo Inter-American Observatory (Chile)
CTIR	Center for Intelligent Transportation Research (Ohio State University, USA)
CTL	Coal to Liquid (synthetischer Kraftstoff/synthetic fuel)
CTMS	Clinical Trial Management System
CTO	Chief Technical Officer
CTO	Command Transfer Object
CTP	Computer-to-Plate, Computer-to-Press, Computer-to-Paper (Drucktechnik/printing technology)
CTP	Cytisintriphosphat
CTR	Center (US Mail)
CTR	Common Technical Regulation(s)

CTR	Cooperative Threat Reduction
CTRANC	Crosstalk-Resistant Adaptive Noise Canceller
CTS	Concept to Speech (Sprachsynthese/speech synthesis)
CTSEE	[Komitee für Toxikologie, Ökotoxikologie und Umwelt] (Europäische Kommission)
CTU	Control Tower Unit
CTV	Crew Transfer (or: Transport) Vehicle (Raumfahrt/spacecraft)
CTW	[IEEE] Communication Theory Workshop
CU	Central Unit
CU	Control Unit
CU	Kuba/Cuba (ISO 3166)
CUAHSI	Consortium of Universities for the Advancement of Hydrologic Science (USA)
CUDOS	Centre for Ultra-High Bandwidth Devices for Optical Systems (AU)
CUF	Channel Utilization Factor
CUG	Closed User Group (Telekommunikation/telecommunication)
CUHK	Chinese University of Hong Kong
CUL	Computer-unterstütztes Lernen
CUNY	City University of New York
CUPLE	Comprehensive Unified Physics Learning Environment
Cuspea	China-US Physics Examination and Application Program
CUTCP	Clarkson University-TCP (Rechnernetz/computer network)
CUTE	Clarkson University Terminal Emulator (Rechnernetz/computer network)
CUTE	Clean Urban Transport for Europe (Busse mit Wasserstoffantrieb/hydrogen-powered buses)
CV	Cartellverband [der Katholischen Deutschen Studentenverbindungen]
CV	Connection Verification (Telekommunikation/telecommunication)
CV	Kapverdische Inseln/Cape Verde (ISO 3166)
CVC	Common Vision Concept
CVCP	Committee of Vice-Chancellors and Principals (UK)
CVD	Cardio-Vascular Disease, Kardiovaskuläre Erkrankung
CVD	Chemical Vapor Deposition
CVE	Collaborative Virtual Environment
C-VLAN	Customer VLAN (Telekommunikation/telecommunication)
CVT	Continuously Variable Transmission (Kfz-Getriebe/vehicle gear)
CW	Clockwise
CW	Continuous Wave
CWD	Concealed Weapon Detection (USA)
CWDM	Coarse Wavelength Division Multiplexing (Telekommunikation/telecommunication)
CWMT	[Fraunhofer-] Center für Windenergie und Meerestechnik (Bremerhaven, DE)
CX	Weihnachtsinsel/Christmas Island (ISO 3166)
CXO	Chandra X-Ray Observatory (Röntgensatellit/X-ray satellite)
CY	Zypern/Cyprus (ISO 3166)
CZ	Tschechien/Czech Republik (ISO 3166)
CZT	Chirp z-Transform
C3	Command, Control and Communication (System)
C^3	Cleaved-Coupled Cavity (Laser)
C^3I	Command, Control, Communications, Intelligence (militärisch/military)

D

DA	Destination Address (Telekommunikation/telecommunication)
DAAD	Deutscher Akademischer Austauschdienst e.V.
DAAK	Deutsch-Amerikanisches Akademisches Konzil
DAB	Digital Audio Broadcast(ing)
DAC	Deformation Analysis by Means of Correlation Methods
DAC	Digital-to-Analog Converter
DACH	Deutsche Akkreditierungsstelle Chemie GmbH
DAE	Differential Algebraic Equation
DAF	Deutsche Arbeitsgemeinschaft für Familientherapie
DAGA	Deutsche Arbeitsgemeinschaft für Akustik
DAGV	Deutsche Arbeitsgemeinschaft Vakuum
DAHC	Deutschsprachiges Apple-Hochschul-Consortium
DAI	Deutsches Archäologisches Institut (Berlin, DE)
DAI	Distributed Artificial Intelligence
DAL	Deutscher Arbeitsring für Lärmbekämpfung e.V. (1952–1977)
DAM	Deutsche Akademie für Metrologie (München)
DAMA	Dark Matter Search (Astrophysik/astrophysics, Gran Sasso-Labor, IT)
DAMA	Demand Assignment (or: Assigned) Multiple Access (Telekommunikation/telecommunication)
DAMOP	Division of Atomic, Molecular and Optical Physics (APS)
D-AMPS	Digital Advanced Mobile Phone System (Telekommunikation/telecommunication)
DANA	Data Application Network Adapter
DAO	Data Access Object
DAP	Deutsches Akkreditierungssystem Prüfwesen (Normungsarbeit/standardization)
DAQ	Data Acquisition
DAR	Deutscher Akkreditierungsrat (Normungsarbeit/standardization)
DARA	Deutsche Agentur für Raumfahrtangelegenheiten GmbH (1989–1997)
DARC	Data Radio Channel
DARHT	Dual Axis Radiographic Hydrodynamic (Test) Facility (Los Alamos, NM, USA)
DARP	Downlink Advanced Receiver Performance (Telekommunikation/telecommunication)
DARPA	Defense Advanced Research Project Agency (USA)

DARS	Digital Audio Radio Service
DART	Data Acquisition in Real Time
Darwin	Detection and Analysis of Remote Worlds by Interferometric Nulling
DAS	Dansk Akustisk Selskab
DAS	Distributed Antenna Systems (Telekommunikation/telecommunication)
DASCH	Digital Access to a Sky Century at Harvard
DASI	Degree Angular Scale Interferometer
DASMIN	Deutsche Akkreditierungsstelle Mineralöl
DAST	Drones for Aerodynamic and Structural Testing (NASA, unbemannte Flugzeuge/unmanned aircraft/
DAT	Digital Audio Tape
DATech	Deutsche Akkreditierungsstelle Technik
DAtF	Deutsches Atomforum
DAVIC	Digital Audiovisual Council
DAWS	Digital Advanced Wireless Services (Telekommunikation/telecommunication)
DB	Data Base
dB	Dezibel
DB	Diffusion Boarding
DBA	Dynamic Bandwidth Allocation (Telekommunikation/telecommunication)
DB AG	Deutsche Bahn AG
DBEF	Dual Brightness Enhancement Foil (Polarisationsfolie im LCD-Monitor/polarization sheet for LCD monitor)
DBF	[Dateinamenerweiterung: dBase Datenbank-Datei/file name extension: dBase data bank file]
DBF	Distributed Feedback (Laser)
DBG	Deutsche Bunsengesellschaft für Physikalische Chemie
DBI	Deutsches Bibliotheksinstitut (Berlin, DE)
DBIS	Discoveries and Breakthroughs Inside Science (AIP, TV news)
DBM	Deutsches Bergbau-Museum (Bochum, DE)
DBM	Double Beam Modulation
DBMS	Database Management System (Telekommunikation/telecommunication)
DBN	Dynamic Bayesian Network (Sprachverarbeitung/speech processing)
DBP	Division of Biological Physics (APS)
DBR	Distributed Bragg Reflector (Laser)
DBRM	Digital Broadcasting Receivers Using Metadata
DBS	Direct Broadcast(ing) (by) Satellite
DBSO	Digital Broadcast Satellite Operator (Telekommunikation/telecommunication)
DBU	Deutsche Bundesstiftung Umwelt
DC	Developing Countries
DC	Digital Cinema
DC	Digital Concentrator (Telekommunikation/telecommunication)
DC	Direct Current (Gleichstrom)
DC	District of Columbia (US-Staat/US state)
DC	Dünnschichtchromatographie
D-CAT	Diesel Clean Advanced Technology (Kfz/motor vehicle)
DCC	Digital Compact Cassette
DCC	Distributed Checksum Clearing House (Antispamfilter/anti spam filter)
DCD	Downlink Channel Descriptor (Telekommunikation/telecommunication)
DCE	Data Circuit-Terminating Equipment (Telekommunikation/telecommunication)
DCE	Data (or: Digital) Communications Equipment
DCE	Distributed Computing Environment
DCE	Dynamic Channel Equalizer (Telekommunikation/telecommunication)
DCF	Dispersion Compensating Fiber (Glasfaser/glass fiber)
DCF	Distributed Coordination Function (Telekommunikation/telecommunication)
DCF	Double-Clad Fibre (Optik/optics)
DCFA	Digital Choice and Freedom Act (2002)
DCG	Dispersion-Compensating Grating (optische Telekommunikation/optical telecommunication)
DCH	Dedicated Channel (Telekommunikation/telecommunication)
DCI	Digital Cinema Initiative
DCL	Detect, Classify and Locate
DCM	Dispersion Compensation Module (optische Telekommunikation/optical telecommunication)
DCM	Dynamic Code Management (Telekommunikation/telecommunication)
DCMP	Division of Condensed Matter Physics (APS)
DCN	Data Communication Network (Telekommunikation/telecommunication)
DCN	Dynamic Circuit Network (Telekommunikation/telecommunication)
DCOM	Distributed Component Object Model (Telekommunikation/telecommunication)
DCOMP	Division of Computational Physics (APS)
DCP	Digital Cinema Package
DCP	Division of Chemical Physics (APS)
DCPN	Domestic Customer Premises Network
DCR	Dedicated Control Room (bei/at ESOC)
DCR	Digital Control of Reverberation
DCS	Data Communicatinon System (Telekommunikation/telecommunication)
DCS	Digital Crossconnect (or: Communication) System (Telekommunikation/telecommunication)
DCS	Distributed Control System
DCSC	Danish Center for Scientific Computing
DCT	Disrete Cosine Transform
DCT	Double Clutch Transmission (Kfz-Getriebe/motor vehicle)
DCU	Data Capture Utility
DCV	Deconvolution
DD	Deutsche Demokratische Republik/German Democratic Rebublic (ISO 3166 bis/until 1990)

DDB	Die Deutsche Bibliothek
DDB	Download Data Block (Telekommunikation/telecommunication)
DDCE	Dolby Digital Consumer Encoder
DDD	Directly Doubled Diode (Laser)
DDE	Dynamic Data Exchange
DDEC	Data-Driven Echo Canceller
DDGI	Deutscher Dachverband für Geo-Information
DDI	[Universal] Description Discovery Integration (Telekommunikation/telecommunication)
DDI	Direct Dialing-In (Telefon/telephone)
DDK	Dialog Development Kit
ddI	Didesoxyinosin
DDL	Doubled (or: Direct) Diode Laser (blaue Laserdiode/blue laser diode)
DDM	Differential Depth Modulation
DDN	Defense Data Network (USA)
DDoS	Distributed Denial-of-Service (Telekommunikation/telecommunication)
DDR	Deutsche Demokratische Republik/German Democratic Republic (bis/until 1990)
DDR&E	Directorate of Defense Research and Engineering (Pentagon, Washington, DC, USA)
DDS	Direct Digital Synthesis (Ein- und Ausgabeeinheit/input-output board)
DDS	Direct-Diode System (Photonik/photonics)
DDT	Dichlordiphenyltrichlorethan
DDT	Distributed Debugging Tool
DDV	Deutscher Dart-Verband
DE	Delaware (US-Staat/US state)
DE	Deutschland/Germany (ISO 3166)
DE	Discard Eligibility (Telekommunikation/telecommunication)
DECHEMA	Deutsche Gesellschaft für Chemisches Apparatewesen, chemische Technik und Biotechnologie e.V.
DECT	Digital Enhanced (or: European) Cordless Telecommunication (or: Telephony)
DEDIG	Deutsche EDI-Gesellschaft e.V.
DEE	Daten-Endeinrichtung (Telekommunikation/telecommunication)
DEGA	Deutsche Gesellschaft für Akustik e.V.
DEGREE	Diversity Effects in Grassland Ecosystems of Europe
DEGUM	Deutsche Gesellschaft für Ultraschall in der Medizin
DEHP	Diethylhexylphthalat (Weichmacher/plasticizer)
DEI	Diffraction-Enhanced Imaging
DEISA	Distributed European Infrastructure for Supercomputing Applications
DEKITZ	Deutsche Koordinierungsstelle für IT-Normenkonformitätsprüfung und -zertifizierung
DELT	Dual-Ended Line Testing
DELTA	Dortmunder Elektronen Testspeicherring Anlage
DEM	Digital Elevation Model (Satelliten-Fernerkundung/satellite remote surveillance)
DEM	Discrete Element Method
DE-NIC	Network Information Center für Deutschland (Karlsruhe, DE)
DENICAFC	Double-Enhanced Intracavity Frequency Conversion (Laser)
DERA	Defense Evaluation & Research Agency (MOD, GB)
DES	Data Encryption Standard (or: System)
DES	Department of Electrical Science (NPL, UK)
DES	Diethylstilbestrol (Östrogen-Derivat/estrogen derivative)
DESY	Deutsches Elektronen-Synchrotron (Hamburg, DE)
DET	Detection Error Tradeoff (Telekommunikation/telecommunication)
DEZ	Diethylzink (-Verfahren zur Papierkonservierung)
DF	Delay Factor
DFA	Deutsche Forschungsanstalt für Lebensmittelchemie (Garching, DE)
DFB	Distributed Feedback (optische Telekommunikation/optical telecommunication, Laser)
DFC	Delayed Feedback Control
DFD	Data Flow Diagram
DFD	Deutsches Fernerkundungsdatenzentrum (DLR, Oberpfaffenhofen, DE)
DFD	Division of Fluid Dynamics (APS)
DFE	Decision Feedback Equalizer (Telekommunikation/telecommunication)
DFE	Digital Front End (Telekommunikation/telecommunication)
DFF	Deutscher Fernsehfunk (ehem./former DDR)
DFG	Deutsche Forschungsgemeinschaft
DFH	Deutsche Forschungsanstalt für Hubschrauber und Vertikalflugtechnik
DFH	Deutsch-Französische Hochschule
DFI	Diabetes-Forschungsinstitut (Düsseldorf, DE)
DFID	Department for International Development (UK)
DFJW	Deutsch-Französisches Jugendwerk
DFKI	Deutsches Forschungszentrum für künstliche Intelligenz (Saarbrücken, DE)
DFL	Deutsche Forschungsanstalt für Luftfahrt (Braunschweig, DE, 1936)
	Deutsche Forschungsanstalt für Luft- und Raumfahrt e.V. (Braunschweig, DE, 1962)
DFMA	Design for Manufacturing and Assembly
DFN	Deutsches Forschungsnetz (Datennetz/data network)
DFO	Department of Fisheries and Oceans (CA)
DFS	Dansk Fysisk Selskap
DFS	Digital Frequency Synthesizer
DFS	Dynamic Flow Simulator (Telekommunikation/telecommunication)
DFS	Dynamic Frequency Selection (Telekommunikation/telecommunication)
DFT	Density Functional Theory (Kernphysik/nuclear physics)
DFT	Discrete Fourier Transform, diskrete Fouriertransformation
DFÜ	Datenfernübertragung

DFVLR	Deutsche Forschungs- und Versuchsanstalt für Luft- und Raumfahrt (1969–1989, danach/thereafter: DLR)
DFWM	Degenerate Four Wave Mixing (Entartete Vier-Wellen-Mischung)
DGaO	Deutsche Gesellschaft für angewandte Optik
DGBMT	Deutsche Gesellschaft für biomedizinische Technik
DGE	Dynamic Gain-Equalizer (optische Telekommunikation/optical telecommunication)
DGF	Deutsche Gesellschaft für Flugwissenschaften e.V. (1959)
DGfB	Deutsche Gesellschaft für Biophysik
DGfE	Deutsche Gesellschaft für Erziehungswissenschaft
DGfS	Deutsche Gesellschaft für Sprachwissenschaft
DGG	Deutsche Geophysikalische Gesellschaft
DGG	Deutsche Glastechnische Gesellschaft e.V.
DGHS	Deutsche Gesellschaft für humanes Sterben
DGK	Deutsche Gesellschaft für Kristallographie
DGLM	Deutsche Gesellschaft für Lasermedizin
DGLR	Deutsche Gesellschaft für Luft- und Raumfahrt
DGM	Deutsche Gesellschaft für Materialkunde e.V.
DGMK	Deutsche Wissenschaftliche Gesellschaft für Erdöl, Erdgas und Kohle e.V.
DGMP	Deutsche Gesellschaft für Medizinische Physik
DGNA	Dynamic Group Number Assignment (Telekommunikation/telecommunication)
DGPI	Deutsche Gesellschaft für Produktinformationen mbH
DGPs	Deutsche Gesellschaft für Psychologie
DGPS	Differential Global Positioning System
DGPT	Deutsche Gesellschaft für Post- und Telekommunikationsgeschichte e.V.
DGQ	Deutsche Gesellschaft für Qualität
DGS	Deutsche Gebärdensprache
DGS	Deutsche Gesellschaft für Sonnenenergie
DGS	Deutsche Gesellschaft für Soziologie
DGSM	Deutsche Gesellschaft für Schlafforschung und Schlafmedizin
DGW	Data Gateway
DGWK	Deutsche Gesellschaft für Warenkennzeichnung mbH
DH	Data – High Rate Data Packet Type (Telekommunikation/telecommunication)
DHAP	Dihydroxyacetonphosphat
DHCP	Dynamic Host Configuration Protocol (Telekommunikation/telecommunication)
DHF	Deformed Helix Ferroelectrics
DHN	Digital Home Network
DHO	Diversity Handover (Telekommunikation/telecommunication)
DHS	Demographic and Health Surveys
DHS	Department of Homeland Security (USA, seit/since 2002)
DHSG	Data Hiding Subgroup (of CPTWG)
DHT	Dihydrotestosteron
DHTML	Dynamic HTML
DHU	Data Handling Unit (Telekommunikation/telecommunication)
DHV	Deutscher Hochschulverband e.V.
dHvA	de Haas–van Alphen (Effect)
DIA	Digital Item Adaptation (Telekommunikation/telecommunication)
DIAL	Differential Absorption Lidar
DIANE	Direct Information Access Network for Europe
DIB	Deutsches Institut für Betriebswirtschaft
DiBEG	Digital Broadcasting Expert Group (seit/since 1977 in Japan)
DIBS	Digital In-Band Broadcasting System
DIC	Digital Image Correlation
DICOM	Digital Imaging and Communications in Medicine
DID	Digital Item Declaration (Telekommunikation/telecommunication)
DID	Direct Inward Dialing (Telefon/telephone)
DIESIS	Design of an Interoperable European Federated Simulation Network for Critical Infrastructures (EU Project)
DIF	Data Interchange Format
DIfE	Deutsches Institut für Ernährungsforschung (Potsdam, DE)
DIFF	Deutsches Institut für Fernstudien (Tübingen, DE)
DiffServ	Differentiated Services
DIHM	Digital In-Line Holographic Microscopy
DIHT	Deutscher Industrie- und Handelstag
DII	Download Info Indication (Telekommunikation/telecommunication)
DIII	Doublet III (Fusionsreaktortechnik/fusion reactor technology, General Atomics, San Diego, CA, USA)
DIII-D	Doublet III-D (Fusionsreaktortechnik/fusion reactor technology, General Atomics, San Diego, CA, USA)
DIL	Deutsches Institut für Lebensmitteltechnik (Quakenbrück, DE)
DIL	Dual In-Line (Telekommunikation/telecommunication)
DIMDI	Deutsches Institut für Medizinische Dokumentation und Information
DIMES	Descent Image Motion Estimation System (Raumfahrt/spacecraft)
DIN	Deutsches Institut für Normung
DINI	Deutsche Initiative für Netzwerkinformation e.V.
DINZERT	Deutscher Zertifizierungsrat im DIN
DIP	Digital Item Processing (Telekommunikation/telecommunication)
DIPF	Deutsches Institut für Internationale Pädagogische Forschung (Frankfurt/M, DE)
DIPS	Distributed Intelligent Piloting System
DIRBE	Diffuse Infrared Background Experiment (Kosmologie/cosmology)
DIRC	Detection of Internally Reflected Cherenkov Light
DIS	Draft International Standard
DISC	Dynamic Instruction Set Computer (Telekommunikation/telecommunication)

DISCOS	Database and Information System Characterising Objects in Space
DISCUS	Distributed Source Coding Using Syndromes (Telekommunikation/telecommunication)
DISO	Dual Input – Single Output (Regler, System/controller, system)
DITC	Division of Information Technology and Computing (NPL, UK)
DITR	Deutsches Informationszentrum für technische Regeln
Diva	Deutsches Interferometer für Vielkanalphotometrie und Astrometrie
DIW	Deutsches Institut für Wirtschaftsforschung (Berlin, DE)
DIY	Do it yourself
DJ	Dschibuti (früher Afara und Issa)/Djibouti (former Afar and Issa) (ISO 3166)
DK	Dänemark/Denmark (ISO 3166)
DK	Disk Key (für CDs und DVDs)
DKD	Deutscher Kalibrierdienst
DKE	Deutsche Elektrotechnische Kommission (DIN und VDE)
DKFI	Deutsches Forschungszentrum für Künstliche Intelligenz (Saarbrücken, DE)
DKFZ	Deutsches Krebsforschungszentrum (Heidelberg, DE)
DKG	Deutsche Keramische Gesellschaft e.V.
DKI	Deutsche Kommission für Ingenieurausbildung
DKIM	Domainkey Identified Mail
DKMM	Deutsches Komitee für Meeresforschung und Meerestechnik
DKRZ	Deutsches Klimarechenzentrum (Hamburg, DE)
DLA	Deutsches Literaturarchiv (Marbach, DE)
DLA	Diffusion-Limited Aggregation
DLA	Dynamic Link Architecture (Telekommunikation/telecommunication)
DLC	Data Link Control (or: Connection) [Layer] (DECT)
DLC	Diamond-like Carbon
DLC	Digital Loop Carrier (Internet)
DLCI	Data Link Connection Identifier (Telekommunikation/telecommunication)
DLDC	Downlink Dual Carrier (Telekommunikation/telecommunication)
DLI	Delay-Line Interferometer
DLL	[Dateinamenerweiterung: Programmdatei/file name extension: program file]
DLL	Dynamic(ally) (or: Direct) Link(ed) Library (Telekommunikation/telecommunication)
DLNA	Digital Living Network Alliance (Telekommunikation/telecommunication)
DLP	Digital Light Processing (or: Processor, or: Projection)
DLR	Deutsche Forschungsanstalt für Luft- und Raumfahrt (ab/since 1989, früher/formerly: DFVLR). Ab 1.10.1997/since Oct. 1, 1997: Deutsches Zentrum für Luft- und Raumfahrt e.V.
DLS	Direct Access Logging System (Sprachaufzeichnungssystem/speech recorder, Philips)
DLS	Dynamic Light Scattering, dynamische Lichtstreuung
DLU	Digital Line Unit
DLV	Digital Light Valve
DM	Data Manager (or: Mining)
DM	Data – Medium Rate Data Packet Type (Telekommunikation/telecommunication)
DM	Deformable Mirror (adaptive Optik/adaptive optics)
DM	Deutsches Museum (München, DE)
DM	Dialog Management (Sprachverarbeitung/speech processing)
DM	Dominica (ISO 3166)
DMA	Direct Memory Access
DMAIC	Define, Measure, Analyse, Improve, Control
DMARD	Disease Modifying Antirheumatic Drugs (Antirheumatika/cure for rheumatism)
DMB-T	Digital Multimedia Broadcast – Terrestrial
DMC	Dense Multi-Carrier (optische Telekommunikation/optical telecommunication)
DMCA	Digital Millenium Copyright Act (USA 2000)
DMD	Digital Micromirror Device
DME	Digital Motor Electronics (Kfz/motor vehicle)
DME	Distance Measuring Equipment
DMF	Dimethylformamid (Lösungsmittel/solvent)
DMFC	Direct Methanol Fuel Cell
DMFT	Dynamic Mean Field Theory (Festkörperphysik/solid state physics)
DMG	Determinstic Micro Grinder (für asphärische Linsen/for aspheric lenses)
DMG	Deutsche Meteorologische Gesellschaft
DMG	Deutsche Mineralogische Gesellschaft e.V.
DMI	Driver-Machine Interface
DML	Digital Mathematics Library
DMLS	Direct Metal Laser-Sintering
DMM	Digital-Multimeter
DMO	Direct Mode Operation (Telekommunikation/telecommunication)
DMOM	Division of Mechanical and Optical Metrology (NPL, UK)
DMP	Digital Media Project (Telekommunikation/telecommunication)
DMP	Division of Materials Physics (APS)
DMR	Differential Microwave Radiometer (Astrophysik/astrophysics)
DMS	Datenmanagementsystem (Fernerkundung/remote locating)
DMS	Dehn(ungs)messstreifen
DMS	Digital Moiré Subtraction (Metrologie/metrology)
DMS	Direct Measurement System
DMS	Document Management System (Wissensmanagement)
DMSO	Dimethyl sulfoxide, Dimethylsulfoxid
DMSP	Defense Meteorological Satellite Program (USA)
DMT	Discrete Multi-Tone (Leitungscode, Mehrfach-Träger-Modulation/transmission code, multiple carrier)
DMT	Dough Moulding Compound

DMU	Digital Mock-Up (Telekommunikation/telecommunication)
DMU	Display and Metering Unit
DMV	Deutsche Mathematiker-Vereinigung e.V.
DMX	Distributed Media Exchange (Telekommunikation/telecommunication)
DMZ	De-Militarized Zone
DNA	Desoxyribonucleic acid
DNA	Distributed Internet Architecture
DNB	Deutsche Nationalbibliothek (Leipzig – Frankfurt am Main – Berlin, DE)
DNDO	Domestic Nuclear Detection Office (USA)
DNI	Day-Night-Level (Lärmpegel)
DNK	Deutsches Nationales Komitee für IUPAP
DNS	Data Network System (Telekommunikation/telecommunication)
DNS	Desoxyribonucleinsäure
DNS	Direct Numerical Simulation (Verbrennungsvorgänge/internal combustion)
DNS	Domain Name Service (or: System, or: Server) (Telekommunikation/telecommunication)
DNT	Digitale Nutzfahrzeugtechnologie (Innovationscluster/innovation cluster, Kaiserslautern, DE)
DNT	Dinitrotoluol
DNW	Deutsch-Niederländischer Windkanal (bei/near Emmeloord, NL, 1980)
DO	Dominikanische Repubik/Dominican Republic (ISO 3166)
DOA	Direction of Arrival
DOAS	Differentielle optische Absorptionsspektroskopie, Differential Optical Absorption Spectroscopy
DOB	Depth of Burial (for underground nuclear tests)
Dobson-Unit	$2{,}7 \times 10^{16}$ Moleküle/cm^3
DOC	[Dateinamenerweiterung: Microsoft-Word-Dokument/file name extension: Microsoft Word document]
DOC	Department of Commerce (USA)
DOC	Dissolved Organic Carbon
DOCSIS	Data Over Cable Service Interface Specification (Telekommunikation/telecommunication)
DOD	Department of Defense (USA)
DOE	Department of Energy (USA)
DoE	Design of Experiments
DOE	Diffractive Optical Element
DOES	differentielle optische Absorptionsspektroskopie
DOF	Degree-of-Freedom
DOI	Digital Object Identifier (Literatursuche im www/literature search in the www)
DOK	Deutsches Optisches Komitee
DOP	Degree of Polarization (Glasfaser/glass fiber)
DOP	Dioctylphthalat (Weichmacher/plasticizer)
DOPA	l-Dihydroxyphenylalanin
DOPS	Danish Optical Society
DORIS	Doppel-Ring-Speicher (DESY)
DORIS	Doppler Orbitography and Radiopositoning Integrated by Satellite (ENVISAT)
DoS	Denial-of-Service (Telekommunikation/telecommunication)
DOS	Density of States (Festkörperphysik/solid state physics)
DOS	Deutsche Offenlegungsschrift (Patent)
DOS	Digital Optical Switch (Telekommunikation/telecommunication)
DOS	Disk Operating System
DOT	[Dateinamenerweiterung: Microsoft Word-Dokumentenvorlage/file name extension: Microsoft Word document template]
DOT	Department of Transportation (USA)
DOT	Diffuse Optical Tomography
DoV	Data over Voice
DP	Drop Procedure
DPA	Demand Priority Access (Datennetze/data networks, AT&T and HP)
DPA	Deutsche Presse-Agentur
D-PAF	Deutsche Processing and Archiving Facility (Fernerkundung/remote locating)
DPCCH	Dedicated Physical Control Channel (Telekommunikation/telecommunication)
DPCH	Dedicated Physical Channel (Telekommunikation/telecommunication)
DPCM	Differential Pulse Code Modulation
DPD	Deutscher Paketdienst, ab 1.1.2008/since Jan. 1, 2008: Dynamic Parcel Distribution
DPDCH	Dedicated Physical Data Channel (Telekommunikation/telecommunication)
DP-DQPSK	Dual-Polarization Differential Quadrature Phase-Shift Keying (Modulation)
DPE	Distributed Processing Environment (Telekommunikation/telecommunication)
DPF	Distributed Packet Filtering (Telekommunikation/telecommunication)
DPG	Deutsche Physikalische Gesellschaft
DPI	Drittes Physikalisches Institut [der Universität Göttingen, DE]
DPhV	Deutscher Philologenverband
DPMA	Deutsches Patent- und Markenamt
DPMEM	Dual-Port Memory (auf Prozessorkarte/on processor card)
DPNS	Digital Private Networking System (Telekommunikation/telecommunication)
DPOLY	Division of Polymer Physics (APS)
DPP	Division of Plasma Physics (AIP)
DP-QPSK	Dual-Polarization Quadrature Phase Shift Keying (optische Telekommunikation, Modulation/optical telecommunication, modulation)
DPSK	Differential Phase-Shift Key
DPSS(L)	Diode-Pumped Solid State (Laser)
DPZ	Deutsches Primatenzentrum (Göttingen, DE)
DQA	Data Quality Analyzer (Telekommunikation/telecommunication)
DQDB	Distributed Queue Dual Basis (or: Bus)
DQPSK	Differential Quadrature Phase Shift Keying (Modulation)

DQS	Deutsche Gesellschaft zur Zertifizierung von Qualitätsmanagementsystemen mbH
DR	dielektronische Rekombination
DR	Drive (US Mail)
DRA	Defence Research Agency (UK)
DRAGON	Dynamic Resource Allocation via GMPLS Optical Networks (optische Telekommunikation/optical telecommunication)
DRAM	Dynamic Random Access Memory
DRAW	Development of Design Tools for Reduced Aerodynamic Noise Wind Turbines (EU research project)
DRDC	Defence Research and Development Canada
DR-DOS	Digital Research DOS
DRESSMAN	Dummy Representing Suit for Simulation of Human Heatloss
DRET	Direction des Recherches, Etudes et Techniques
DRG	Deutsche Röntgengesellschaft, Gesellschaft für medizinische Radiologie, Strahlenbiologie und Nuklearmedizin e.V.
DRIC	Defence Research Information Centre (Orpington, Kent, UK)
DRIVE	Dedicated Road Infrastructure for Vehicle Safety in Europe
DRM	Design Reference Mission (Astrophysik/astrophysics)
DRM	Digital Radio Mondiale (Telekommunikation/telecommunication)
DRM	Digital Rights Management (Telekommunikation/telecommunication)
DRNC	Drift Radio Network Controller (Telekommunikation/telecommunication)
DRO	Dielectric Resonance (or: Resonator) Oscillator
DRO	Digital Read Out
DRP	Digital Radio Promotion
DRR	Digitally Reconstructed Radiograph (Onkologie/oncology)
Dr. rer. nat.	Doctor rerum naturalium
DRS	Daten-Relaissatellit
DRV	[Dateinamenerweiterung: Treiberdatei/file name extension: driver file]
DRW	[Dateinamenerweiterung: Micrografix Designer-Graphikdatei/file name extension: Micrografix Designer graphic file]
DS	Differentiated Services (Telekommunikation/telecommunication)
DSA	Digital Signature Algorithm
DSAU	Digital Subscriber Access Unit (Telekommunikation/telecommunication)
DSAZ	Deutsch-Spanisches Astronomisches Zentrum (= CAHA) (auf/on Calar Alto, Chile)
DSB	Digital Sound Broadcasting
DS-CDMA	Direct Sequence CDMA (Telekommunikation/telecommunication)
DSC	Digital System Controller
DSC	Distributed Source Coding (Telekommunikation/telecommunication)
DSC	Dye-Sensitive Solar Cell
DSC	Dynamic Stability Control (Kfz/motor vehicle)
DSCH	Downlink Shared Channel (Telekommunikation/telecommunication)
DSCP	Differentiated Services Code Point (Telekommunikation/telecommunication)
DSCS	Defense Satellite Communications System (USA)
DSE	Design Support Environment
DSF	Dispersion Shifted Fiber (Glasfaser/glass fiber)
DSGV	Deutscher Sparkassen- und Giroverband
DSHS	Deutsche Sporthochschule (Köln, DE)
DSI	Download Server Initiative (Telekommunikation/telecommunication)
DSIR	Department of Scientific and Industrial Research (UK)
DSKLR	Dreiachsiges Strapdown Kurs-Lage-Referenzsystem
DSL	Digital Subscriber Line (Telekommunikation/telecommunication)
DSL	Domain Specific Language (Programmiertrend)
DSLAM	Digital Subscriber Line Access Multiplexer (Telekommunikation/telecommunication)
DSM	Deutsches Schiffahrtsmuseum (Bremerhaven, DE)
DSM	Distributed System Management
DSM	Dynamic Spectrum Management (Telekommunikation/telecommunication)
DSM-CC	Data (or: Digital) Storage Media – Command and Control (Telekommunikation/telecommunication)
DSO	Digital Sampling Oscilloscope
DSO	Digital Storage Oscilloscope
DSP	Data Service Profile (Telekommunikation/telecommunication)
DSP	Defense Support Program (USA)
DSP	Digital Signal Processor (or: Processing)
DSR	Delayed Sound Reinforcement
DSR	Differential Spectral Responsivity
DSR	Digital Satellite Radio; Digitaler Satellitenrundfunk
DSR	Distributed Speech Recognition
DSR	Doubly (or Deformed) Special Relativity
DSRC	Dedicated Short-Range Communication (Telekommunikation/telecommunication)
DSS	Decentralized Software Services (Computer-Programmentwicklung/program development)
DSS	Digital Signature Standard
DSS	Digital Speaker System (Lautsprecher/loudspeaker)
DS-SS	Direct Sequence Spread Spectrum
DST	Department of Science and Technology (Südafrika/South Africa)
DST	Discrete Sine Transform, diskrete Sinustransformation
DST	Dispersion Supported Transmission (Telekommunikation/telecommunication)
DSTO	Defence (or: Data) Science and Technology Organization (AU)
DSU	Digital Service Unit
DSW	Deutsche Stifung Weltbevölkerung
DS-Wert	durchschnittlicher Substitutionsgrad
DSX	Demonstrations and Science Experiment (NASA, geplant für/planned for 2010)
DT	Data Terminal

DTA	Deutsche Technische Akademie (Helmstedt, DE)
DTA	Differential Thermal Analysis
DTAB	Demountable TAB
DTC	Defence Technology Centre (UK)
DTC	Direct Torque Control (für Elektroantrieb/for electric drive)
DTCP	Digital Transmission Content Protection (Telekommunikation/telecommunication)
DTD	Document Type Definition
DTE	Data Terminal Equipment (Telekommunikation/telecommunication)
DTFT	Discrete-Time Fourier Transform
DTH	Direct to Home (Satellitenfernsehen/satellite TV)
DTI	Department of Trade and Industry (UK)
DTI	Diffusion Tensor Imaging (Bildgebungsverfahren/image processing)
DTI	Display Technology Incorporated (Zusammenschluss von IBM und Toshiba zur Produktion von Flachbildschirmen/cooperation of IBM and Toshiba for flat-screen manufacturing)
DTL	Diode-Transistor Logic
DTM	Department of Terrestrial Magnetism (Carnegie Institution of Washington, DC, USA)
DTM	Device Type Manager (Feldbussystem/field bus system)
DTM	Dual Transfer Mode (Telekommunikation/telecommunication)
DTMF	Dual Tone Multifrequency (Telefon/telephone)
DTNSRDC	David Taylor Naval Ship Research and Development Center
DTO	Data Transfer Object
D/TOS	ESA Directorate of Technical and Operational Support
DTP	Desktop Publishing
DTP	Digital Transparent Processor (Satellitentechnik/satellite technology)
DTPP	Desktop Program Production
DTRA	Defense Threat Reduction Agency (USA)
DTS	Distributed Temperature Sensor
DTT	Digital Terrestrial Televison
DTTB	Digital Terrestrial Television Broadcasting (Japan)
DTTG	Digital Terrestrial Television Local Testing Group
DTV	Digital Television
DTW	Dynamic Time Warp(ing)
DTX	Discontinuous Transmission (Telekommunikation/telecommunication)
DUACS	Developing Use of Altimetry for Climate Studies
DÜE	Datenübertragungseinrichtung (Telekommunikation/telecommunication)
DÜI	Deutsches Übersee-Institut (Hamburg, DE)
DUMAND	Deep Underwater Myon and Neutrino Detector (bei/near Hawaii)
DUN	Dial-Up Networking (Telekommunikation/telecommunication)
DUSEL	Deep Undergrond Science and Engineering Laboratory (Homestake gold mine in South Dakota, USA)
DUT	Device Under Test
DUV	Deep-Ultraviolet
DUZ	Deutsche Universitätszeitung
DVB	Digital Video Broadcast(ing)
DVB-C	DVB Cable
DVB-CMBS	DVB-Convergence of Broadcast and Mobile Services
DVB-DSNG	DVB Digital Satellite News Gathering
DVB-H	DVB (to) Handheld System
DVB-RCS	DVB Return Channel via Satellite
DVB-S	DVB Satellite
DVB-S	DVB-Standard (Downlink)
DVB-SH	DVB for Satellite Services to Handheld Devices
DVB-T	Terrestrial Digital Video Broadcast
DVCS	Deeply Virtual Compton Scattering
DVD	Digital Versatile (or: Video) Disk
DVDCCA	DVD Copy Control Association
DVE	Digital Video Encoder
DVE	Distributed Virtual Environment
DVG	Deutsche Vakuumgesellschaft
DVL	Deutsche Versuchsanstalt für Luftfahrt (Berlin-Adlershof, DE, 1912)
DVMT	Dynamic Video Memory Technology
DVP	Distributed Video Production
DVPT	Deutscher Verband für Post und Telekommunikation
DVS	Deutscher Verband für Schweißtechnik
DVT	Deutscher Verband Technisch-Wissenschaftlicher Vereine e.V.
DWAF	Department of Water Affairs and Forestry (ZA)
DWC	Digital Waveform Capture (I/O Board)
DWC	Digital Wavefront Camera
DWD	Deutscher Wetterdienst
DWDM	Dense Wavelength Division Multiplexing (optische Telekommunikation/optical telecommunication)
DWNT	Double Wall Nanotube
DWPI	Derwent World Patents Index
DwPTS	Downlink Pilot Time Slot (Telekommunikation/telecommunication)
DWT	Discrete Wavelet Transform
DXC	Digital Cross Connect (Telekommunikation/telecommunication)
DXF	[Dateinamenerweiterung: Autodesk Autoload-Graphikdatei/file name extension: Autodesk Autoload graphic file]
DZ	Algerien/Algeria (ISO 3166)
DZfCh	Deutscher Zentralausschuss für Chemie
D2B	Domestic Digital (or: Digital Domestic) Bus (Faseroptik/fiber optics)

D3ML	Device Independent Multi-Modal Markup Language

E

E-...	Electronic ... (-Business, -Commerce, -Economy, -Journal, -Procurement etc.)
E...	Exa (Präfix/prefix): 10^{15}
EA	Electroabsorption
EAA	European Acoustics Association
EAA	Experimental Aircraft Association
EAC	Extended Access Control (Datensicherheit/data security)
EADQ	[Fraunhofer-] Einrichtung für Diagnose und Qualitätssteigerung
EADS	European Aeronautic Defence System
eag (EAG)	ether-à-go-go (ein Gen/a gene)
EAG	Europäische Atomgemeinschaft
E-AGCH	Enhanced [Uplink] Absolute Grant Channel
EAI	Enterprise Application Integration (Telekommunikation/telecommunication)
EAL	Evangelische Akademie Loccum
EALM	Electro-Absorption Laser Modulator (optische Telekommunikation/optical telecommunication)
EAM	Electro-Absorption Modulator (Telekommunikation/telecommunication)
EAM	Energie-Aktiengesellschaft Mitteldeutschland (früher/formerly: Elektrizitäts-Aktiengesellschaft Mitteldeutschland)
EAN	European Article Number, Europäische Artikelnummer (Strichcode/bar code)
EAP	Encyclopedia of Applied Physics
EAP	Extensible Authentication Protocol (Telekommunikation/telecommunication)
EAPOL	Extensible Authentication Protocol over Local Area Networks (Telekommunikation/telecommunication)
EAPS	Euro-Asian Physical Society
EAR	Edge Aggregation Router (Telekommunikation/telecommunication)
EARA	European Association for Research in Astronomy
EARLINET	European Aerosol Research Lidar Network (Fernerkundung/remote locating)
EARN	European Academic Research Network
EARSS	Antimicrobial Resistance Surveillance System (Medizin/medicine)
EARTO	European Association of Research and Technology (Bruxelles, BE)
EAS	European Astronomical Society
EAS	Extraordinary Acoustic Screening
EASA	European Academic Software Award
EASI	End-to-End Application and Service Integration (Telekommunikation/telecommunication)
EASI	European Academic Supercomputing Initiative
EASInet	European Academic Supercomputing Initiative Network
EASIS	Electronic Architecture and System Engineering for Integrated Safety Systems (Zusammenschluss europäischer Automobilhersteller/cooperation of European car manufacturers)
EASOE	European Arctic Stratospheric Ozone Experiment
EB	Equivalent Bandwidth (Telekommunikation/telecommunication)
EBA	Eisenbahn Bundesamt
EBCOT	Embedded Block Coding with Optimal Truncation (Bildkompression/image compression)
EBD	[elektronische Bremskraftverteilung] (Kfz/motor vehicle)
EBF	European Federation of Biology
EBI	European Bioinformatics Institute (Hinxton bei/near Cambridge, UK)
EBID	Electron-Beam Induced Deposition
EBIT	Earnings Before Interest and Tax
EBIT	Electron Beam Ion Trap
EBITDA	Earnings Before Interest, Tax, Depreciation and Amortization
E-BIZ	E-Business Innovationszentrum (FhG)
EBLIDA	European Bureau of Library, Information and Documentation Associations
EBN	entwicklungsbegleitende Normung
EBP	Error Back Propagation (Algorithmus/algorithm)
EBR	Electronic Batch Record
EBRD	European Bank for Reconstruction and Development
EBS	European Business School (in Oestrich-Winkel, DE)
EBT	Electron-Beam Testing
EBU	European Broadcasting Union
EC	Ecuador (ISO 3166)
EC	Electrochemical Capacitor
EC	European Commission
ECA	European Congress on Acoustics
ECAF	European Conservation Agriculture Federation
ECB	European Chemicals Bureau
ECC	Electrochemical Concentration Cell
ECCO	Estimating the Circulation and Climate of the Ocean (Forschungsprojekt/research project)
EC COST	European Cooperation in the Field Field of Scientific and Technical Research
ECDT	Engineering Career Development Team (IEEE)
ECE	Economic Commission of Europe (UN)
ECE	[Department of] Electrical and Computer Engineering
ECFA	European Committee for Future Accelerators
ECFRN	European Consulting Forum for Research Networking
ECL	Emitter Coupled Logic
ECL	External Cavity Laser
ECLS	Environmental Control and Life Support (Satelliten/satellites)
ECLSS	Environmental Control and Life Support Systems (Satelliten/satellites)
ECM	Electret Condenser Microphone

ECM	Electronic Content Management (Informationsverarbeitung/information processing)
ECM	Enterprise Content Management
ECM	Entitlement Control Message (Telekommunikation/telecommunication)
ECM	European Crystallographic Meeting
ECMA	European Computer Manufacturers Association
ECMP	Equal Cost Multipath (Telekommunikation/telecommunication)
ECMWF	European Centre for Medium-Range Weather Forecast (= EZMW)
ECOC	European Conference [and Exhibition] on Optical Communication
ECOLE	European Collaborative Open Learning Environment
ECOPS	European Committee on Ocean and Polar Sciences
ECORD	European Consortium on Research Drilling
ECOSA	European Conference on Optical Systems and Applications
ECOSAE	European Consumer Safety Organisation
ECOSSE	Estimating Carbon in Organic Soils – Sequestration and Emissions (Scotland and Wales)
ECSC	European Coal and Steel Community
ECSC	European Congress of Science Cities
ECSD	Enhanced Circuit Switched Data (Telekommunikation/telecommunication)
Ecsite	European network of science centres and museums
ECT	Explicit Call Tranfer (Telekommunikation/telecommunication)
eCTD	Electronic Common Technical Document (Standard)
ECTS	European [Community Course] Credit Transfer Scheme (or: System)
ECU	East Carolina University (Greenville, NC, USA)
ECU	Electrical (or: Electronic) Control Unit
ECU	European Currency Unit
ECUA	European Conference on Underwater Acoustics
ECVAM	European Centre for the Validation of Alternative Methods (Bologna, IT)
ED	Erektile Dysfunktion
EDA	Electronic Design Automation
EDA	Engineering Design Activities (EC)
EDC	Electronic Damper Control (Kfz/motor vehicle)
EDC	Electronic Data Capture
EDC	Electronic Diesel Control (Kfz/motor vehicle)
EDELWEISS	Expérience pour Détecter les WIMPs en Site Souterrain
EDF	Electricité de France
EDFA	Erbium Doped Fiber Amplifier (Glasfaser/glass fiber)
EDG	European Datagrid
EDGE	Enhanced Datarate(s) for GSM Evolution (Telekommunikation/telecommunication)
EDI	Electronic Data (or: Document) Interchange
EDICI	Evolution, Development and Intentional Control of Initiation (EU Project)
EDIF	Electronic Design Interchange Format
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport
EDL	Entry, Descent and Landing (Raumfahrt/spacecraft)
EDLC	Electric Double-Layer Capacitor
EDM	Electric Dipole Moment (Elementarteilchenphysik/elementary particle physics)
EDM	Electronic Distribution of Music
EDMS	Electronic Document Mangement System
EDNA	European Data Network Agency
EDP	Electronic Data Processing
E-DPCCH	Enhanced Dedicated Physical Control Channel (Telekommunikation/telecommunication)
E-DPDCH	Enhanced Dedicated Physical Data Channel (Telekommunikation/telecommunication)
EDR	Enhanced Data Rate (Bluetooth signals)
EDR	Event Data Recorder (Kfz-Technik/automobile)
EDS	Earth Departure Stage (Raumfahrt/spacecraft)
EDS	Electronic Differential System (Kfz/automobile)
EDSAC	Electronic Delay Storage Automatic Computer (Cambridge University, 1949)
EDT	Elektrodynamisches Tether-System
EDTA	Ethylendiamintetraacetat
edu	[Educational Organization] (Internet, USA)
EDV	Elektronische Datenverarbeitung
EDVAC	Electronic Discrete Variable Automatic Computer (University of Pennsylvania, USA 1950)
EDX	Energiedispersive Röntgenanalytik
EE	Equipment Engineering (TC im/in the ETSI)
EE	Estland/Estonia (ISO 3166)
EEA	European Environmental Agency
EEC	European Economic Community
EECONET	European Ecological Network (Naturschutz/nature conservation)
EEF	Erleichterung für Existentzgründungen aus Forschungseinrichtungen (ein Fonds/a fund)
EEFAE	Efficient and Environmentally Friendly Aero-Engine (Flugzeugantrieb/aircraft engine)
EEG	Elektroenzephalogramm (-graphie), Electroencephalogram (-graphy)
EEG	Erneuerbare Energien Gesetz
EEIG	European Economic Interest Group (EU)
EELS	Electron Energy Loss Spectroscopy
EELT	European Extremely Large Telescope (geplant für/planned for 2017)
EEM	Electronic Engine Management (Kfz/motor vehicle)
EEP	Europäisches Erhaltungszuchtprogramm (für vom Aussterben bedrohte Tierarten/program for breeding animals threatened by extinction)
EEPROM	Electrically Erasable Programmable Read-Only Memory
EER	Equal-Error Rate (Telekommunikation/telecommunication)

EEROM	Electrically Erasable Read-Only Memory
EET	Energy Efficient Transport (Flugzeugantrieb/aircraft engine)
EEW	Early Earthquake Warning
EF	Expedited Forwarding (Telekommunikation/telecommunication)
EFA	European Fighter Aircraft
EFD	Event Forwarding Discriminator (Telekommunikation/telecommunication)
EFDA	[Fusionstechnik-Forschungsinstitut/fusion technology research institute]
EFF	Electronic Frontier Foundation (USA)
EFG	Edge-Defined Filmfed Growth
EFL	Effective Focal Length (optische Linsen/optical lenses)
EFM	Ethernet in First Mile (Telekommunikation/telecommunication)
EFR	Enhanced Full Rate (Vocoder)
EFRE	Europäischer Fonds für regionale Entwicklung
EFS	Electric Field Sensing
EFSA	[Europäische Behörde für Lebensmittelsicherheit/European authority for food reliability]
EFT	Effective Field Theory (Kernphysik/nuclear physics)
EFTA	European Free Trade Association (NO, SE, FI, IS, CH, AT, FL)
EG	Agypten/Egypt (ISO 3166)
EGA	Enhanced Graphics Adapter
EGA	Entwicklungsgesellschaft Adlershof
EGEE	Enabling Grid for E-Science in Europe
EGF	Epidermal Growth Factor
EGI	European Grid Initiative (geplant für/planned for 2010)
eGK	elektronische Gesundheitskarte
EGK	Europäisches Graduiertenkolleg
EGK	Extended Gate Keeper (Telekommunikation/telecommunication)
EGM	Extraordinary General Meeting
EGNOS	European Geostationary Navigation Overlay Satellite System (or: Service) (Satellitennavigation/satellite navigation)
EGO	European Gravitational Observatory (Pisa, IT)
EGP	Exterior Gateway Protocol (Telekommunikation/telecommunication)
EGPRS	Enhanced GPRS
EGRET	Energetic Gamma-Ray Experiment Telescope
EGS	European Geophysical Society
EGSK	eGovernment Starter Kit (Microsoft)
E-GSM	Extended Global System for Mobile Communication (Telekommunikation/telecommunication)
EGT	European Geographical Technologies
EGU	European Geophysics Union
EGW	Edge Gateway
eGY	Electronic Geophysical Year (geplanter Nachfolger des IGY/planned successor of the IGY)
EH	Westsahara/Western Sahara (früher Spanisch-Sahara/former Spanish Sahara) (ISO 3166)
EHB	Elly Hölterhoff-Böcking-Stiftung
EHEC	enterohämorrhagische Escherichia coli
EHF	Extra High Frequency (30 – 300 GHz)
E-HICH	Enhanced Uplink HARQ Indicator Channel
EHS	Environment, Health, and Safety
EHS	Environment and Human Security
EI	Electron Impact (Massenspektrometer/mass spectrometer)
EI	Engineering Information (Datenbank/data bank, Westbury, NY, USA)
EIA	Electronics Industries Association (or: Alliance)
EIA	Energy Information Administration
EIB	European Installation Bus (Haustechnik/domestic technology)
EIB	European Investment Bank
EIBA	European Installation Bus Association
EIC	Euro Info Centre
EICTA	European Information and Communication Technology Industry Association
EID	Electronic Identification of Containers
EIGRP	Enhanced Interior Gateway Routing Protocol (Telekommunikation/telecommunication)
EIP	Early Implementation Program
EIR	Entrepreneurs-in-Residence (US program)
EIR	Excessive Information Rate (Telekommunikation/telecommunication)
e-IRG	e-Infrastructure Reflection Group (zur gemeinsamen Nutzung verteilter elektronischer Ressourcen/for the shared use of distributed electronic resources)
EIRO	European Intergovernmental Research Organisations
EIRP	Effective (or: Equivalent) Isotropic Radiated Power (Satelliten/satellites)
EIS	Environmental Impact Statement
EIS	Executive Information Service (Telekommunikation/telecommunication)
EISA	Energy Independence and Security Act (USA 2007)
EISA	Extended Industry Standard Architecture
EISL	Effektive isotrope Strahlungsleistung
EISS	Europäisches Institut für Systemsicherheit
EIT	Electromagnetically Induced Transparency, elektromagnetisch induzierte Transparenz
EIT	Elektrische Impedanz-Tomographie
EIT	European Institute of Technology (Budapest, HU)
EIT	Event Information Table (Telekommunikation/telecommunication)
EIT	Extreme-Ultraviolet Imaging Telescope (an Bord von/aboard SOHO)
EITC	European Information Technology Conference
EITO	European Information Technology Observatory
EJ	Exajoule ($= 10^{18}$ Joule)

EJB	Enterprise Java Beans (Telekommunikation/telecommunication)
EJMC	EUROBALL Joint Management Committee
EKA	Expositions-Äquivalent für krebserzeugende Arbeitsstoffe
EKBO	Edgeworth-Kuiper Belt Objects (Astronomie/astronomy)
EKF	Extended Kalman Filter
EKG	Elektrokardiogramm (-graphie)
EKGS	Europäische Gemeinschaft für Kohle und Stahl
EKS	[Fraunhofer-] Einrichtung für Systeme der Kommunikationstechnik (München, DE)
EKV	→ VDI-EKV
EL	Echo Loss (Telekommunikation/telecommunication)
EL	Electroluminescence, Elektrolumineszenz
ELA	Elektroakustik
E-LAN	Ethernet LAN Services
ELBE	Elektronenbeschleuniger hoher Brillanz und geringer Emittanz (FZR, Rossendorf, DE)
ELCAT	Electrocatalytic Gas-Phase Conservation of CO_2 in Confined Catalysts (EU 2004–2008, IT-FR-DE-GR)
ELDA	Evaluation and Languages Resources Distribution Agency
ELDO	European Launcher Development Organization (Raumfahrt/spacecraft)
ELEANNE	Efficient Learning Algorithm for Neural Networks
ELF	Extremely Low Frequency (0,3 – 3 kHz)
ELFE	Electron Laboratory for Europe
ELFICOM	Elektronische Fachinformation und Kommunikation
ELI	Eurocell Library and Interfaces
E-LINE	Ethernet Line Services
ELINT	Electronic Intelligence
ELISA	Enzyme-Linked Immunosorbent Assay
ELITE	European Laboratory for Intelligent Techniques Engineering (Aachen, DE)
ELM	Element Layer Management (Telekommunikation/telecommunication)
ELM	Event and Log Management (Telekommunikation/telecommunication)
ELMF	European Large Magnetic Field Facility
ELN	Electronic Lab(oratory) Notebook
ELOG	Epitaxially Laterally Overgrown
ELROB	European Land-Robot Trial
ELS	(-Modell/model) nach/after [Olin] Eggen, [Donald] Lynden-Bell und/and [Allan] Sandage (Astronomie/astronomy)
ELSA	Elektron-Stretcher-Anlage
ELSI	Ethical, Legal and Social Issues
ELT	Extremely Large Telescope
EMA	Experimental Modal Analysis
EMAC	Ethernet Media Access Controller
E-Mail	Electronic Mail
E-MAN	Ethernet Metropolitan Area Network (Telekommunikation/telecommunication)
EMANI	Electronic Mathematics Archives Network Initiative (seit/since 2002)
EMB	[Fraunhofer-] Einrichtung für Marine Biologie (Lübeck, DE)
EMBASSI	Elektronische Multimediale Bedien- und Service-Assistenz
EMBL	Europäisches Molekularbiologisches Laboratorium, European Molecular Biology Laboratory (Heidesheim, DE)
EMBO	European Molecular Biology Organization (Heidelberg, DE)
EMC	Electro-Magnetic Chamber
EMC	Electromagnetic Compatibility (= EMV)
EMC	European Muon Collaboration
EMCCD	Electron Multiplying Charge-Coupled Device (optischer Sensor/optical sensor)
EMD	Electronic Music Distribution
EMEA	Europe, Middle East and Africa
EMF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
EMF	Electromagnetic Field, elektromagnetisches Feld
EMF	European Multimedia Forum
EMG	Elektromyogramm, Electromyogram
EMI	Electromagnetic Induction
EMI	Electromagnetic Interference
EMI	Ernst-Mach-Institut (Fraunhofer-Institut für Kurzzeitdynamik, Freiburg, DE)
EMIS	The European Mathematical Information Service
EML	Electro-Absorption Modulated Laser (optische Telekommunikation/optical telecommunication)
EML	Element Management Layer (Telekommunikation/telecommunication)
EML	European Media Laboratory (Heidelberg, DE)
EMM	Entitlement Management Message (Telekommunikation/telecommunication)
EMM	EPS Mobility Management (Telekommunikation/telecommunication)
EMMI	Electrical Man Machine Interface
EMMI	ESA Multi-Mode Instrument
EMP	Electromagnetic Pulse
EMP	Embedded-Media Processor (Datenverarbeitung/data processing)
EMPA	Eidgenössische Materialprüfungs- und Forschungsanstalt (Dübendorf, CH)
EMPD	[International Conference on] Energy Management and Power Delivery
EMPS	European Mobility Scheme for Physics Students (EPS)
EMR	Electromagnetic Relay
EMR	Electron Magnetic Resonance
EMR	Enhanced Measurement Report
EMR	Extraordinary Magnetoresistance
EMRC	European Medical Research Council
EMRS	Electromagnetic Remote Sensing
EMS	Electrified Monorail System

EMS	Electronic Meeting System
EMS	Element Management System (Internet)
EMS	Engineering Management System
EMS	European Mathematical Society
EMSL	Environmental Molecular Sciences Laboratory (PNNL, USA)
EMSTP	European Medical Scientific Training Program
EMT	Emergency Medical Technician
EMV	Elektromagnetische Verträglichkeit (= EMC)
EMVG	Gesetz über die elektromagnetische Verträglichkeit von Geräten
EN	Europa-Norm, Europäische Norm (CENELEC)
ENAC	European Network and Applications Center
ENBIS	European Network for Business and Industrial Statistics
END	European Noise Directive
EnEV	Energieeinsparverordnung (seit/since 2007)
ENF	Equivalent Noise Floor (Telekommunikation/telecommunication)
ENI	Ethernet Network Interface (Telekommunikation/telecommunication)
ENI(-G)	European Neuroscience Institute (in Göttingen, DE)
ENIAC	Electronic Numerical Integrator and Computer (Univ. of Pennsylvania, USA 1945)
ENM	Enviromenal Noise Management
ENO	Essentially Non-Oscillatory (numerische Rechenverfahren/numerical computing)
ENS	Ecole Normale Supérieure (Paris, FR)
ENSIEG	Ecole Nationale Supérieure d'Ingénieurs Electriciens de Grenoble
ENSO	El Niño Southern Oscillation (Klima/climate)
ENST	Ecole Nationale Supérieure des Télécommunications
ENT	Ear, Nose and Throat (= HNO)
ENTIRE	European Network on Transport Innovation for the Rational Use of Energy
ENTRANCE	Energy Savings in Transport through Innovation in the Cities of Europe
ENVI	Environment for Visualizing Images
ENVISAT	(Europäischer Umweltsatellit, ab 1.3.2002/European enviroment satellite, since March 1, 2002)
ENWISE	Enlarge Women in the East (Working group, European Commission, since 2003)
ENX	European Network Exchange (Telekommunikation/telecommunication)
EO	Earth Observation (Satelliten/satellites)
EO	Electro-Optical (Effects or Sensors)
EOAE	evozierte otoakustische Emissionen
EOF	Empirical Orthogonal Function
EOF	End of File
EOG	Elektrooculogramm, Electrooculogram
EOL	End of Life (Satellitentechnik/satellite technology)
EoMPLS	Ethernet over MPLS
EORTC	European Organization for Research and Treatment of Cancer
EOS	Earth Observing System (or: Satellite) (NASA)
EOS	Electrical Overstress
EOS	Equation of State
EOS	European Optical Society
EOSDIS	Earth Observing System Data Information System
EOT	Energy Optimized Tyre
EOTC	European Organization for Testing and Certification
EOTD	Enhanced Observed Time Difference (Telekommunikation/telecommunication)
E-OTDR	Extended Optical Time Domain Reflectometry
EP	Europäisches Parlament
EP	Executive Plan
EPA	Eicosapentaensäure
ePA	elektronische Patientenakte
EPA	Environment(al) Protection Agency (in vielen Ländern/in many countries)
EPA	Europäisches Patantamt (München, DE)
EPAD	Electronically Programmable Analog Device
EPAS	Electronic Power Assisted Steering (Kfz/motor vehicle)
EPB	Electric Power Boost (Kfz/motor vehicle)
EPC	Electronic Power Conditioner
EPC	Electronic Product Code (in the RFID)
EPC	Enhanced Power Control
EPCC	Edinburgh Parallel Computing Centre (Scotland)
EPDB	European Energy Performance of Buildings Directive
EPFD	Equivalent Power Flux Density (Telekommunikation/telecommunication)
EPFL	Ecole Polytechnique Fédérale de Lausanne
EPG	Electronic Program(ming) Guide (Digitalrundfunk/digital broadcast)
EPHY	Ethernet Physical Transceiver
EPI	Eastern Pacific Investigations of Climate
EPI	Echo Planar Imaging (MRI)
EPIA	European Photovoltaic Industry Association
EPIC	Electronic and Photonic Integrated Circuits
EPIC	European Photon Imaging Camera (XMM)
EPIC	European Photonics Industry Consortium
EPIC	European Prospective Investigation into Cancer and Nutrition Study
EPL	Ethernet Private Line
EPL	Europhysics Letters
EPLA	European Patent Litigation Agreement
EPNL	Effective Perceived Noise Level

EPO	European Patent Office (München, DE)
EPON	Ethernet Passive Optical Network (Telekommunikation/telecommunication)
EPOS	European PTT Open Learning Service
EPR	Einstein-Podolsky-Rosen(-Paradoxon/paradox)
EPR	European Pressurised Water Reactor (Kernreaktor, geplant für/nucler reactor, planned for 2011 in Finland)
EPRI	Electron Parametric Resonance Imaging
EPRINT	Electronic Print Server for Research Information on Natural Science and Technology
EPROM	Erasable Programmable Read-Only Memory
EPS	Encapsulated Postscript [Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
EPS	Electronic Power Steering (Kfz/motor vehicle)
EPS	Elektropneumatische Schaltung (Kfz/motor vehicle)
EPS	Encapsulated Postscript
EPS	Eumetsat Polar System
EPS	European Physical Society
EPS	European Polar Satellite
EPS	Evolved Packet System (Telekommunikation/telecommunication)
EPSRC	Engineering and Physical Sciences Research Council (UK)
EPU	End-of-Pipe—Umweltschutz
EPÜ	Europäisches Patentübereinkommen
EPWS	European Platform of Women Scientists
EPXMA	Electron Probe X-Ray Microanalysis
EQ	Enzephalisationsquotient (Hirnforschung/brain research)
EQEC	European Quantum Electronics Conference
eQtv	e-Qualifikations-TV (für den Mittelstand/qualification for the middle class)
ER	Edge Router (Telekommunikation/telecommunication)
ER	Eritrea (ISO 3166)
ER	Event Reporting
ER	Extinction Ratio
ERA	Eigensystem Realization Algorithm
ERA	European Research Area
ERAM	Electronic Research Archive for Mathematics (DFG project)
ERASMUS	European Community Action Scheme for the Mobiliy of University Students
ERATO	Exploratory Research for Advanced Technology Program (JRDC)
ERBE	Earth Radiation Budget Experiment (Klimaforschung/climate research)
ERC	European Research Council (Bruxelles, BE)
ERCIM	European Research Consortium for Informatics and Mathematics
ERCOFTAC	European Research Community on Flow, Turbulence and Combustion
ERDA	US Energy Research and Development Administration
ERDF	European Regional Development Fund
ERES	ESA Rams Expert System (Software)
ERF	Electrorheological Fluid
E-RGCH	Enhanced [Uplink] Relative Grant Channel
ERGO	European Research Gateways On-Line
ERIS	External Region Integrity System (Galileo)
ERISA	European Regional Information Society Association
ERLE	Echo Return Loss Enhancement
ERM	Earth Resource Mapping
ERNE	Energetic and Relativistic Nuclei and Electron Experiment (an Bord von/aboard SOHO)
ERO	European Research Office (of US Army, in London, GB)
ERO	Explicit Route Object (Telekommunikation/telecommunication)
EROS	Earth Resources Observation System
eRosita	Extended Roentgen Survey with an Imaging Telescope Array (Röntgenteleskop/X-ray telescope)
ERP	Effective Radiation Power (Sender/transmitter)
ERP	Energy Resource Planning
ERP	Enterprise Resource Planning
ERP	Event-Related Potential (Neurologie/Neuroscience)
ERS	European Remote Sensing Satellite
ERSI	Environment and Remote Sensing Institute (Harare, Simbabwe)
ERT	External Review Committee
ERTMS	European Rail Transport Management System (Eisenbahntechnik/railway technology)
ertPS	Enhanced Real-Time Packet Service (Telekommunikation/telecommunication)
ERV	Earth Return Vehicle (bemannte Raumfahrt/manned spacecraft)
ES	Expert System
ES	Spanien/Spain (ISO 3166)
ESA	Endangered Species Act (USA)
ESA/ASE	European Space Agency / Agence spatiale européenne
ESAU	Electronic Subscriber Access Unit (Telekommunikation/telecommunication)
ESB	Environmental Specimen Bank
ESCA	Electron Spectroscopy for Chemical Analysis
ESCA	European Speech Communication Association
ESCHILO	Esperimento di Schermatura in Low Orbit (Raumfahrt, Schirmungsexperiment/spacecraft, shielding experiment)
ESCON	Enterprise Systems Connections (Telekommunikation/telecommunication)
ESCPE	Ecole de Chimie, Physique et Electronique (Lyon, FR)
ESCU	Enhanced Services Control Unit (Telekommunikation/telecommunication)
ESD	Electrostatic Discharge
ESD	Expert System Development
ESDA	Electronic Systems Design Automation
ESDIAD	Electron-Stimulated Desorption Ion Angular Distribution

ESE	Expo-Sciences Europe (Exhibition and Meeting)
ESF	EUREKA Software Factory
ESF	European Science Foundation (seit/since 1974)
ESFRI	European Strategy Forum on Research Infrastructures
ESG	Electronic Service Guide (Telekommunikation/telecommunication)
ESG	Evangelische Studierenden-Gemeinde
ESI	Elektronenspray-Ionisation
eSI	elektronischer Sicherheitsinspektor
ESK	[Fraunhofer-] Einrichtung für Systeme der Kommunikationstechnik
ESL	ESA Simulation Language (Software)
ES-Laser	Eckige-Schraube-Laser
ESMF	Earth System Modelling Framework
E-SMF	Enhanced SMF
ESO	ESSI Service Organization
ESO	European Southern Observatory, Europäische Organisation für astronomische Forschung in der südlichen Hemisphäre (Garching, DE)
ESOC	European Space Operations Centre (Darmstadt, DE)
ESOF	Euro(pean) Science Open Forum
ESOFTA	Embedded Software Association
ESONE	[Committee for] European Studies on Norms for Electronics
ESP	Electronic Stability Program, elektronisches Stabilitätsprogramm (Kfz/motor vehicle)
ESP	Embedded Signal Processing (Telekommunikation/telecommunication)
ESP	Extrasensory Perception
ESPCI	Ecole Supérieure de Physique et de Chimie Industrielles [de la Ville de Paris]
ESPI	Electronic Speckle Pattern Interferometry
ESPON	European Spatial Planning Observation Network
ESPRIT	Estimation of Signal Parameters via Rotational Invariance Techniques
ESPRIT	European Strategic Programme for Research and Development in Information Technology
ESR	Electrical Substitution Radiometer
ESR	Electron Spin Resonance, Elektronenspinresonanz
ESR	Experimentier-Speicher-Ring (bei der/at the GSI, Darmstadt, DE)
ESRAB	European Security Research Advisory Board
ESRANGE	European Space Range (SE)
ESRF	European Synchrotron Radiation Facility (Grenoble, FR)
ESRIN	European Space Research Institute
ESRL	Earth System Research Laboratory (at NOAA)
ESRO	European Space Research Organization
ESS	Earth and Space Science
ESS	Electro-Seismic Signals (für Erbebenvorhersage/for earthquke forecast)
ESS	Ethernet Service Switch
ESS	European Spallation Source (Jülich, DE)
ESSCIRC	European Solid-State Circuit Conference
ESSI	European Software and Systems Initiative
ESSID	Extended Service Set Identifier (Telekommunikation/telecommunication)
EST	Eastern Standard Time (Zeitzone/time zone, USA, GMT−5)
EST	Expressed Sequence Tags (Genetik/genetics)
ESTA	European Science and Technology Assembly
ESTB	EGNOS System Test Bed
ESTEC	European Space Research and Technology Centre (Noordwijk, NL)
ESTO	European Science and Technology Observatory (EC)
ESTW	Elektronisches Stellwerk (Eisenbahntechnik/railway technology)
ESWL	Extracorporal Shockwave Lithotripsy
ET	Äthiopien/Ethiopia (ISO 3166)
ET	Ephemeris Time (since 1960, later on: TT)
ETACS	European Total Access Communication System
ETAI	European Technology Assessment Infrastructue (EC)
ETAN	European Technology Assessment Network (EC)
ETANN	Electrically Trainable Artificial Neural Network
ETAP	Environmental Technology Action Plan (EU)
ETC	[Action Group on] Erosion, Technology and Concentration (CA)
ETC	Executable Test Case (Telekommunikation/telecommunication)
ETCS	European Train Control System (Eisenbahntechnik/railway technology)
ETD	Eye Tracking Device
ETDM	Electric(al) (or: Electronic) Time Division Multiplexing (optische Telekommunikation/optical telecommunication)
ETECAL	Electronically Tunable External Cavity Laser Diode
ETG	European Tripartite Group
ETH	Ethernet
ETH(Z)	Eidgenössische Technische Hochschule (Zürich, CH)
ETI	Electrotechnology Industry Database
ETI	Ensemble Transport Interface (Telekommunikation/telecommunication)
ETI	European Teraflops Initiative
eTIN	Electronic Taxpayer Identification Number
ETLA	Extended Three-Letter Acronyms
ETLS	Extended Least Squares (Algorithmus/algorithm)
ETP	European Technology Platform
ETS	Ecole de Technologie Supérieure (CA)
ETS	Educational Testing Service (Princeton, NJ, USA)
ETS	Emission Trading Scheme (Umweltschutz, Emissionshandel/environment conservation, emission trade)

ETS	European Test Services (bei/at ESTEC)
ETS	Executable Test Suite (Telekommunikation/telecommunication)
ETSI	European Telecommunications Standards Institute (seit/since 1988)
ETSPL	Equivalent Threshold Sound Pressure Level
ETUCE	European Trade Union Committee for Education
ETW	Europäischer Transschall-Windkanal (Köln, DE)
EU	European Union; Europäische Union
EUA	European Union Allowance (Umweltschutz, Emissionshandel/environment conservation, emission trade)
EUCAS	[Europäische Konferenz zur Angewandten Supraleitung/European Conference on Applied Superconductivity]
EUCD	European Union Copyright Directive
EUCOR	Europäische Konföderation der Oberrheinischen Universitäten
EU-DEEP	European Distributed Energy Partnership
EUFAR	European Fleet for Airborne Research (planned for 2010)
EUFOR	European Union Force (seit 21.12.2004/since Dec. 21, 2004, vorher/formerly: SFOR)
EUL	Enhanced Uplink
EuMEA	Europe, Middle East, and Asia
EUMETSAT	European Organization for the Exploitation of Meteorological Satellites
EUNET	European Unix Network
EUPEN	European Physics Education Network (EPS)
EUPRO	European Union of Physics Research Organizations
EURAB	European Research Advisory Board
EURASIP	European Association for Signal, Speech and Image Processing
EURATOM	European Atomic Energy Community
EURCA	European Resource Centre for Alternatives in Higher Education
EURECA	European Retrievable Carrier (europäisches Weltraumlabor/European space laboratory)
EUREKA	European Research Coordination Agency
EuroAce	European Alliance of Companies for Energy Efficiency in Buildings
EUROCAE	European Organisation for Civil Aviation Equipment
Eurocontrol	[Europäische Organisation für die Sicherheit im Flugverkehr/European organization for safety in air traffic]
EUROGI	European Umbrella Organization for Geo Information
EuroHORCs	European Union Research Organisations – Heads of Research Councils
EUROMAR	[Überwachung und Schutz der europäischen Meere/monitoring and protection of European seas]
EUROMAT	European Congress on Advanced Materials and Processes
Euromech	European Mechanics Colloquium
EUROMET	European Collaboration on Measurement Standards, European Metrology Organization
EuroNGI	European Next Generation Internet
EUROSCIENCE	A European Association for the Promotion of Science and Technology
EUROSOLAR	[Europäische Vereinigung für Erneuerbare Energien/European union for renewable energies]
EUROTRAC	[Erfassung von Schadstoffen in der Troposphäre/monitoring of pollutants in the troposphere]
EURYI	European Young Investigator (Award)
EUSCEA	European Science Events Association
EUSIPCO	European Signal Processing Conference
EUT	Equipment Under Test
Eutelsat	European Telecommunications Satellite Organization
EUTRA	Evolved UMTS Terrestrial Radio Access
EUTRAN	Evolved Universal Terrestrial Radio Access Network (Telekommunikation/telecommunication)
EUV	Extreme Ultraviolet, Extremes Ultraviolett ($\lambda \leq 912$ Å, Lyman-Kante/Lyman edge)
EUVE	Extreme Ultraviolet Explorer (Satellit/satellite)
EUVL	Extreme Ultraviolet Lithography, EUV-Lithographie
e.V.	eingetragener Verein
EV	Electric Vehicle
EV	Enhanced Voice Packet (Telekommunikation/telecommunication)
EVA	Economic Value Add
EVC	Ethernet Virtual Connection (or: Circuit)
EVC	European Vital Computer (Eisenbahntechnik/railway technology)
EVCAM	European Centre for the Validation of Alternative Methods
EVG	Elektronisches Vorschaltgerät
EVM	Error Vector Magnitude (Telekommunikation/telecommunication)
EVOH	Ethylenvinylalkohol-Copolymer
EVOP	Evolutionary Operation
EVPL	Ethernet Virtual Private Line
EVPLAN	Ethernet Virtual Private LAN
EVR	Eigenvalue Ratio
EVREST	Evoked Response Study Tool
EVS	Energieversorgungssystem (Satellit/satellite)
EVTS	Enhanced VFR Transport System (VFR: Visual Flight Rules)
EVU	Energieversorgungsunternehmen (früher/formerly: Elektrizitätsversorgungsunternehmen)
EWB	Einwegbehälter
EWB	Electronic Wedge Brake (für Autos/for cars)
EWEA	European Wind Energy Association
EWR	Europäischer Wirtschaftsraum
EWS	Emergency Warning System
EWSK	East-West Station Keeping (Satelliten/satellites)
EWSN	European Workshop on Wireless Sensor Networks
EWTF	East-West Task Force (EPS)
EWvK	Entwicklungsgesellschaft für die Wiederverwendung von Kunststoffen
EXAFS	Extended X-Ray Absorption Fine Structure
EXE	[Dateinamenerweiterung: ausführbares Programm/file name extension: executable program]

Excimer	Excited Dimer (Laser)
EXP	Experimental
EXPY	Expressway (US Mail)
ExWoSt	Experimenteller Wohnungs- und Städtebau
EZfM	Europäisches Zentrum für Medienkompetenz (Marl, DE)
EZMW	Europäisches Zentrum für mittelfristige Wettervorhersage (= ECMWF)
EZN	Erfinderzentrum Norddeutschland
EZRT	[Fraunhofer-] Entwicklungszentrum Röntgentechnik
E2R	End-to-End Reconfigurability

F

FA	Fachausschuss
FA	Factor Analysis
FA	Failure Analysis
FA	False Acceptance (Telekommunikation/telecommunication)
Fa.	Firma
FA	Foreign Agent (Telekommunikation/telecommunication)
FAA	Federal Aviation Administration (USA)
FAB	Fast Atom Bombardment (Massenspektrometer/mass spectrometer)
FAB	Forwarding Agency Builder (Telekommunikation/telecommunication)
FAB	Fulfillment, Assurance and Billing (Telekommunikation/telecommunication)
FACA	Federal Advisory Committee Act (USA, 1972)
FACE	Friendly Aircraft Cabin Environment (EU project)
FAD	Function Access Domain (Telekommunikation/telecommunication)
FAE	Field Application Engineer
FAEST	Fast A Posteriori Error Sequential Technique (Algorithmus/algorithm)
FAFA	Fachausschuss Fahrzeugakustik (DEGA)
FAIFC	Fast Algorithms in Feedback Control (Algorithmus/algorithm)
FAIR	Facility for Antiproton and Ion Research (Darmstadt, DE)
FAL	Bundesforschungsanstalt für Landwirtschaft (Braunschweig, DE)
FAMOS	flexible automatisierte Montagesysteme
FANPAC	Fan Noise Prediction and Control (EU Forschungsprojekt/research project)
FANTASIA	Flexible and Near-Net-Shaped Generative Manufacturing Chains and Repair Techniques for Complex Shaped Aero Engine Parts
FAO	Food and Agriculture Organization (UN)
FAPESP	Fundação de Amparo à Pesquisa do Estado de São Paulo (BR)
FAPS	[Lehrstuhl für] Fertigungsautomatisierung und Produktionssystematik (Univ. Erlangen–Nürnberg, DE)
FAQ	Frequently Asked Questions
FARS	Fatality Analysis Reporting System (US Datenbank/data bank)
FAS	Facility Associated Signaling (Telekommunikation/telecommunication)
FAS	Federation of American Scientists (seit/since 1945, gegen Atomwaffen/against atomic weapons)
FAS	Fettalkoholsulfat
F.A.S.	Free Alongside Ship (Handelsverkehr/trade)
FASE	Federation of the Acoustical Societies of Europe
FASPIS	Fast Algorithms Secondary Path Integration Scheme (Algorithmus/algorithm)
FAST	Fast Auroral Snapshot (Satellit/satellite, USA)
FAST	Forecasting and Assessment in the Field of Science and Technology
FAST	Future Automotive Industry Structure
FAT	File Allocation Table
FAT	Final Acceptance Test (Eisenbahntechnik/railway technology)
FATSS	Fachausschuss Technischer Schall- und Schwingungsschutz (in der DEGA)
FAU	Florida Atlantic University
FAU	Friedrich-Alexander-Universität (Nürnberg, DE)
FAW	Flexible Automatisierte Waferproduktion
FAX	Facsimile, Faksimile
FAZ	Frankfurter Allgemeine Zeitung
FB	Fachbereich
FB	Frequency Correction Burst (Telekommunikation/telecommunication)
FB	Function Block (Telekommunikation/telecommunication)
FBA	Fair Buffer Allocation (Telekommunikation/telecommunication)
FBG	Fiber Bragg Grating (Glasfaser/glass fiber)
fBGF	Fibroblast Growth Factor
FBH	Ferdinand-Braun-Institut für Höchstfrequenztechnik (Berlin, DE)
FBNML	Francis Bitter National Magnet Laboratory (MIT, Cambridge, MA, USA)
FBP	Fast Back Propagation (Algorithmus/algorithm)
FBR	Fachbereichsrat
FBR	Fast Burst Reactor (Kernreaktor/nuclear reactor)
FBR	Forschungsberichte Bundesrepublik Deutschland (Datenbank/data bank)
FBW	Fly by Wire (Flugzeugsteuerung/aircraft control)
FC	Fiber Channel
FC	Fuel Cell (= BZ, Brennstoffzelle)
FCA	Fixed Capacity Agreement (Telekommunikation/telecommunication)
FCAPS	Fault(-Mangement) Configuration, Accounting, Performance and Security
FCC	Face-Centered Cubic (Gitter/lattice)
FCC	Federal Communication(s) Commission (USA)
FCC	Flight Control Computer
FCCC	Framework Convention on Climate Change (UN)
FCCH	Frequency Correction Channel (Telekommunikation/telecommunication)

FCCSET	Federal Coordinating Council for Science, Engineering and Technology (USA)
FCD	Floating Car Data (zur Verkehrslenkung/for traffic control system)
FCFS	First-Come, First-Serve
FCH	Frame Control Header (Telekommunikation/telecommunication)
FCKW	Fluorchlorkohlenwasserstoff
FCP	Forward Commitment Procurement (UK innovation initiative)
FCPPL	France–China Particle Physics Laboratory
FCPS	Fuel Cell Propulsion System
FCS	Fluorescence Correlation Spectroscopy
FCS	Frame Check Sequence (Telekommunikation/telecommunication)
FCT	Fixed Cellular Terminal (Telekommunikation/telecommunication)
FCV	Fuel Cell Vehicle
FD	Forced Degradation (Chemie/chemistry)
FDA	Food and Drug Administration (USA)
FDC	Floppy-Disk-Controller
FDD	Frequency Division (or: Domain) Duplex (Telekommunikation/telecommunication)
FDD	Frequency Domain Decomposition
FDDI	Fiber Distributed (or: Digital) Data Interface
FDEM	Frequency Dependent Electromagnetic Sensor
FDH	Fibre Distribution Hub
FDI	Feeder Distribution Interface (Telekommunikation/telecommunication)
FDI	Forward Defect Indication (Telekommunikation/telecommunication)
FDIP	Fieldbus Device Implementation Package
FDL	Fiber Delay Line
FDL	Flight Dynamics Laboratory
FDLP	Frequency-Domain Linear Prediction
FDM	Finite Difference Method
FDM	Frequency Division Multiplexing
FDMA	Frequency Division Multiple Access
F.D.P.	Freie Demokratische Partei
FDR	Final Design Report (or: Review)
FDRQ	Floppycontroller-Data-Request
FDT	Fieldbus Device Tool
FDT	Fluctuation Dissipation Theorem
FDT	fotodynamische Therapie
FDTD	Finite-Difference Time-Domain (Analyse, Simulation/analysis, simulation)
FE	Fast Ethernet (Telekommunikation/telecommunication)
FEA	Field Emitter Array (Bildwandler/image converter)
FEA	Finite Element Analysis
FEAP	Federation of European Aquaculture Producers (Meeresfischerei/sea fishing)
FEAT	Fusion Energy Advanced Tokamak (feat auch engl. "Meisterstück")
FEC	Fest-Elektrolyt-Coulometrie
FEC	Field Element Controller
FEC	Forward Error Correction (Datenübertragung/data transmission)
FEC	Forward(ing) Equivalence Class (Telekommunikation/telecommunication)
FEC	Full Economic Cost
FECC	Forward Error Correcting Code (Telekommunikation/telecommunication)
FED	Field-Emission Display
FED	Forum on Education (APS)
FEG	Field Emission Gun
FEIS	Final Environmental Impact Statement
FEL	Free Electron Laser, Freie-Elektronen-Laser
FELASOFI	Federation of Latin American Physical Societies
FELI	Free Electron Laser Research Institute (Osaka, Japan)
FELICITAS	Fuel Cell Power Trains and Clustering in Heavy-Duty Transports
FEM	Finite Element Method (or: Model)
FEMA	Federal Emergency Management Agency (USA)
FEP	[Fraunhofer-] Institut für Elektronenstrahl- und Plasmaphysik
FEPA	Failure of the Explanted Prostheses Analysis
FER	Frame Erasure (or: Error) Rate (Telekommunikation/telecommunication)
FER	Fusion Experimental Reactor (Naka, Japan)
FERC	Federal Energy Regulatory Commission (USA)
FERP	Faculty Early Retirement Program (California State University)
FESAC	Fusion Energy Science Advisory Committee (DoE, USA)
FET	Field Effect Transistor, Feldeffekttransistor
FE-TEM	Field Emission TEM
FEWS	Fibre-Optic Evanescent Wave Sensing
FEXT	Far-End Crosstalk
FF	Foundation Fieldbus
FFA	Fusiform Face Area (im Gehirn/in the brain)
FFAG	Fixed-Field Alternating Gradient (Synchrotron)
FFD	Fast Failure Detection
FFM	[Material] Failure Forecast Method (Vulkanismus/volcanism)
FF&P	Falsification, Fabrication of Results, Plagiarism (Fälschung und Täuschung in der Wissenschaft/in science)
FFR&DC	Federally Funded Research and Development Centers
FFT	Fast Fourier Transform
FFTB	Final Focus Test Beam (SLAC)
FG	Fachgremium (DPG etc.)

FGAN	Forschungsgesellschaft für Angewandte Naturwissenschaften e.V.
FGDC	Federal Geographic Data Committeee (USA)
FGF	Fibroblast Growth Factor, Fibroblasten-Wachstumsfaktor
FGK	Forschungsgesellschaft Kunststoffe
FGM	Functionally Graded Material (Keramik-Metall/ceramics-metal)
FGSA	Forum on Graduate Student Affairs (APS)
FH	Fachhochschule
FhAZ	Fraunhofer-Anwendungszentrum
FHD	Flame Hydrolysis Deposition (Waferherstellung/wafer production)
FhG	Fraunhofer-Gesellschaft
FhM	Fraunhofer-Management-Gesellschaft mbH
FHP	Forum on History of Physics (APS)
FHR	Forschungsinstitut für Hochfrequenzphysik und Radartechnik
FHS	Frequency Hop Synchronization (Telekommunikation/telecommunication)
FHSS	Frequency Hopping Spread Spectrum (Telekommunikation/telecommunication)
FHT	Fachhochschule für Technik (Esslingen, DE)
FHT	Fast Hartley Transform
FHTW	Fachhochschule für Technik und Wirtschaft (Berlin, DE)
FhV-μE	Fraunhofer-Verbund Mikroelektronik
FHWG	Fisheries Hydroacoustics Working Group (USA)
FI	Finnland/Finland (ISO 3166)
FIA	Federacion Iberoamericana de Acustica
FIA	Fédération Internationale de l'Automobile (Genf, CH)
FIA	Fibreoptic Industry Association (UK)
FIA	Fließinjektionsanlage (Mikrosystemtechnik/micro systems)
FIAP	Forum on Industrial and Applied Physics (APS, USA)
FIAS	Frankfurt Institute for Advanced Studies (Frankfurt am Main, DE)
FIB	Focused Ion Beam
FIB	Forschungsinstitut Borstel, Institut für Experimentelle Biologie und Medizin
FIB	Forwarding Information Base (Telekommunikation/telecommunication)
FIBAA	Foundation for International Business Administration Accredititation
FIBO	Fibre-In – Beam-Out (Isolator: Photonik/photonics)
FIBS	First International Backgammon Server (Rechnernetz/computer network)
FICON	Fiber (Channel) Connection (optische Telekommunikation/optical telecommunication)
FID	Flammen-Ionisations-Detektion
FIDIS	Future of Identity in the Information Society
FIDO	Field Integrated Design & Operations Rover (NASA, Marslandemission/Mars landing mission)
FIEC	[Verband der europäischen Bauindustrie, International European Construction Association]
FIFA	Fédération Internationale de Football Association
FIFO	First In, First Out (Filter, System)
FIG	Facility for Interactive Generation of Graphics (UNIX)
FIGE	Forschungsinstitut für Geräusche und Erschütterungen (Herzogenrath (oder/or: Aachen, DE))
FIM	Field Ion Microscope
FIM	Fisher Information Matrix
FIND	Future Internet Network Design (USA)
FINEP	Financiadora de Estudos e Projetos (BR)
FiNut	Frauen in Naturwissenschaft und Technik
FIP	Fédération Internationale de Philatélie
FIP	Forum on International Physics (APS)
FIPS	Federal Information Processing Standards
FiPS	Früheinstieg ins Physikstudium
FIR	Far-Infrared
FIR	Finite Impulse Response (Digitalfilter/digital filter)
FIRAS	Far Infrared Absolute Spectrophotometer (Astrophysik/astrophysics)
FIRE	Fusion-Ignition Research Experiment (Alternative zu/alternative of ITER, USA)
FIRE	Future Internet Research and Experimentation (EU project)
FIRST	Far Infrared Space (or: and Submillimetre) Telescope (IR Satellit/satellite)
FIRST	Fraunhofer-Institut für Rechnerarchitektur und Softwaretechnik (Berlin, DE)
FIS	Far-Infrared Surveyor (Astronomie/astronomy)
FIS	Forschungsinstitut und Naturmuseum Senckenberg der SNG (Frankfurt/M, DE)
FISCO	Fieldbus Intrinsically Safe Concept
FISH	Fluoreszenz-in-situ-Hybridisierung
FIT	Failures in Thousands of Hours
FIT	Failures in Time (Kommunikation/communication)
FiT	Frauen in der Technik e.V.
FIT	Fraunhofer-Institut für Angewandte Informationstechnik (St. Augustin, DE)
FITL	Fibre In The Loop
FITS	[NASA-endorsed] Flexible Image Transport System
FIZ	Fachinformationszentrum (Karlsruhe, DE)
FIZCH	Fachinformationszentrum Chemie (Berlin, DE)
FIZKA	FIZ Karlsruhe, Gesellschaft für wissenschaftlich-technische Information (Eggenstein-Leopoldshafen, DE)
FJ	Fidschi-Inseln/Fiji Islands (ISO 3166)
FJC	Freely Jointed Chain (Polymerphysik/polymer physics)
FK	Falkland-Inseln/Falkland Islands (ISO 3166)
FKE	Forschungsinstitut für Kinderernährung (Dortmund, DE)
FKW	Fluorkohlenwasserstoff (ohne Chlor/without chlorine)
FL	Floor (US Mail)
FL	Florida (US-Staat/US state)

FL	Fuzzy Logic
FLAG	Fibre Link Around the Globe (Glasfaserkabel/glass fiber cable UK-Europe-North Africa-India-Japan)
FLC	Ferroelectric Liquid Crystal
FLCD	FLC Display
FLIC	Flexible Interdigital Cuff Electrode
FLIM	Fluorescence Lifetime Imaging Microscopy
FLIP	Floating Instrument Platform (Wasserschall-Messtechnik/hydroacoustic experimental facility)
FLL	Fibre in the Local Loop (optische Datenübertragung/optical data transmission)
FLO	Forward Link Only
FLOPs/s	Floating Point Operations per Second (Computer)
FLS	Fluorescence Ligand Scanning
FM	Facilities Management (Telekommunikation/telecommunication)
FM	Frequency Modulation, Frequenzmodulation
FM	Mikronesien (ISO 3166)
FMC	Fixed-Mobile Convergence (Telekommunikation/telecommunication)
FMCW	Frequency Modulated Continuous Wave (Radar)
FMD	Fluorescent Multilayer Disk (optischer Datenspeicher/optical data storage)
FMD	Forward Multiplicity Detector (CERN)
FMEA	Fehlermöglichkeits- und Einflussanalyse, Failure Mode(s) and Effects Analysis
FMI	Fluorescent Microthermiographic Imaging
FMO	Fenna-Matthews-Olson (Chlorophyllkomplex/chlorophyll complex)
FMO	Future Mode of Operation (Telekommunikation/telecommunication)
FMP	Flow Management Protocol (Telekommunikation/telecommunication)
FMP	Institut für Molekulare Pharmakologie (Berlin, DE)
fMRI	Functional Magnetic Resonance Imaging
fMRT	funktionale Magnetresonanztomographie
FMS	Fixed Monitoring Systems (?) (Telekommunikation/telecommunication)
FMS	Flight Management System
FNAL	Fermi National Accelerator Laboratory
FNC	Federal Networking Council (Datennetze/data networks, USA)
fNMR	Functional Nuclear Magnetic Resonance
FNR	Forum for Negative Results
FNTF	Fast Newton Transversal Filter
FO	Färöer-Inseln/Faeroe Islands (ISO 3166)
FoaF	Friend of a Friend (Internet, Kommunikationsplattform/communication platform)
F.O.B., FOB	Free on Board (Handelsverkehr/trade)
FOC	Final Operational Capability (Galileo, 2010)
FOCAS	Faint Object Camera and Spectrograph (Astronomie/astronomy)
FOCS	Fiber-Optic Current Sensor
FOEI	Friends of the Earth International (in Deutschland: BUND)
FOG	Fibre-Optic Gyroscope
FOKUS	Fraunhofer-Institut für Offene Kommunikationssysteme (Berlin, DE)
FOLANT	Focusing of Laser Radiation in the Nearfield of a Tip (Nanotechnologie/nanotechnology)
FOMA	Freedom of Multimedia Access (Telekommunikation/telecommunication)
FONAS	Forschungsverbund Naturwissenschaft, Abrüstung und internationale Sicherheit
FOP	Flight Operations Plan (Satelliten/satellites)
FOPO	Fibre Optic Parametric Oscillator
F.O.R., FOR	Free on Rail (Handelsverkehr/trade)
FORKAT	BMFT-Förderungskatalog
FORSUPRA	Forschungsverbund Hochtemperatur-Supraleiter (Bayern, DE)
FORTH	Foundation for Research and Technology (GR)
Fortran	Formula Translator (Programmiersprache/programming language)
FOS	Faseroptischer Sensor
FOS	Finnish Optical Society
FOS	Frontier of Science (interdisziplinäre internationale Symposien für Jungforscher/interdisciplinary international symposia for young scientists)
FOSHU	Foods for Specific Health Use
FOSS	Free and Open Source Software
FOT	Fiber-Optic Transceiver
F.O.T., FOT	Free on Truck (Handelsverkehr/trade)
FOTA	Flat Optical Element Technology and Applications
FOV	Field of View (Teleskop/telescope)
FÖV	Forschungsinstitut für Öffentliche Verwaltung (Speyer, DE)
FOX	Fiber Optic Extender (optische Telekommunikation/optical telecommunication)
FP	Fixed Part (z.B./e.g., Basestation, DECT)
FP	Frame Protocol (Telekommunikation/telecommunication)
FPA	Focal Plane Array
FPA	Function Point Analysis
FPD	Flat Panel Display
FPE	Final Prediction Error
FPGA	Field Programmable Gate Array (Computer)
FPLMTS	Future Public and Land Mobile Telecommunication System
FPS	First Person Shooter (Telekommunikation/telecommunication)
FPS	Forum on Physics and Society (APS)
FPS	Fractal Photon Sieve
fps	frames per second
FPT	Fachbereichstag Physikalische Technik
FPT	Fast Polynomial Transform

FPU	[Enrico] Fermi–[John] Pasta–[Stanislaw] Ulam (nichtlineares Schwingungssystem, Solitonen/nonlinear oscillator, solitons)
FPU	Field Pick-Up Unit (Parabolantenne/parabolic antenna)
FP7	7th Framework Programme (EU, 2007–2013)
FQHE	Fractional Quantum Hall Effect
FQXi	Foundational Questions Institute
FR	False Rejection
FR	Frame Relay (Datenübertragung/data transmission)
FR	Frankreich/France (ISO 3166)
FR	Frankfurter Rundschau (Zeitung/Journal)
FRA	Fermi Research Alliance
FRAD	Frame Relay Access Device (Datennetz/data network)
FRAD	Frame Relay Assembly-Disessembly (Datennetz/data network)
FRAM	Ferroelectric Random Access Memory
FrAM	Fraunhofer-Arbeitsschutz-Managementsystem
FRAMTEC	Framework for Advanced Monitoring, Telemetry and Control
FRAP	Fluorescence Recovery after Photobleaching
FRC	Fraunhofer Resource Center (Michigan, OH, USA)
FRC	Frequency Response Correction
FRC-DE	Fraunhofer Resource Center Delaware (Newark, DE, USA)
FRCP	Federal Rules of Civil Procedure (USA)
FRET	Förster-Resonance Energy Transfer (Biophysik/biophysics)
FRF	Frequency Response Function
FRIB	Facility for Rare Isotope Beams (Michigan State University, USA)
FRIENT	Friendships in Inter-Ethnic Network
FRISP	Filchner-Ronne Ice Shelf Programme
FRLS	Fast Recursive Least Squares (Transversalfilter/transversal filter)
FRM	Forschungsreaktor München
FROG	Frequency Resolved Optical Gating
FRR	Fast Reroute (Telekommunikation/telecommunication)
FRS	Fellow of the Royal Society (GB)
FS	Fachverband für Strahlenschutz e.V.
FS	Founder Societies
FSA	Fixed Slot Allocation (Telekommunikation/telecommunication)
FSAN	Full Service Access Network (Telekommunikation/telecommunication)
FSC	Forest Stewardship Council (Umweltschutz/environment conservation)
FSF	Free Software Foundation
FSF	Frequency Sampling Filter
FSG	Flensburger Schiffbaugesellschaft
FSI	Fluid–Structural Interaction (Analysis)
FSK	Frequency Shift Keying (Modulation)
FSL	Femtosecond Laser
FSM	Field Separation Method
FSME	Frühsommer-Meningoenzephalitis
FSO	Free-Space Optical (or: Optics) (Kommunikation/communication)
FSP	Fachschaftsparlament
FSR	Fachschaftsrat
FSR	Free Spectral Range
FSRV	Fachschaftsräteversammlung
FSS	Fixed Satellite Service (or: System)
FST	Fast Sine Transform
FST	Femtosekunden-Technologie
FST	Finite State Transducer (Sprachsynthese/speech synthesis)
FSU	Former Soviet Union, frühere Sowjetunion
FSU	Friedrich-Schiller-Universität (Jena, DE)
FT	Fovea-Tablets (hochauflösende Tischdisplays/high-definition table displays)
FTA	Fault Tree Analysis
FTA	Federal Transit Administration (Eisenbahntechnik/railway technology)
FTAM	File Transfer, Access and Management (Datennetzprotokoll/data network protocol)
FTD	Fluorescent Tube Display
FTE	Full Time Equivalent (Telekommunikation/telecommunication)
FTF	Fast Transversal Filter
FTIR	Fourier Transform Infrared [Spectrometry]
FTIR	Frustrated Total Internel Reflection (Lichtmodulator/light modulator)
FTP	File Transfer Protocol (Datenübertragung/data transmission)
FTS	Festprogrammierbarer Titel-Speicher
FTS	Fourier Transform Spectroscopy (or: Spectrometer)
FTTA	Fiber to the Area
FTTB	Fibre to the Building (Telefon, Glasfaser bis zum Haus/telephone)
FTTC	Fibre to the Cabinet
FTTC	Fibre to the Curb (Telefon, Glasfaser bis zum Kabelverzweiger/telephone)
FTTH	Fibre to the Home (Telefon, Glasfaser bis ins Haus/telephone)
FTTN	Fiber to the Node (optische Telekommunikation/optical telecommunication)
FTTP	Fiber to the Premises (optische Telekommunikation/optical telecommunication)
FTTU	Fiber to the User (optische Telekommunikation/optical telecommunication)
FTU	Fortbildungszentrum für Technik und Umwelt (KfK, Karlsruhe, DE)
FTZ	Fernmeldetechnisches Zentralamt (der Bundespost) (später/later on: BAPT, dann/later on: RegPT)
FuE	Forschung und Entwicklung
FUEG	Förderung von Forschungs- und Entwicklungsgemeinschaftsvorhaben Ost (BMBF)

FUNET	Finland's University and Research Network (Rechnernetz/computer network)
FUSC	Fully Utilized Subchannel Allocation (Telekommunikation/telecommunication)
FUSE	Far Ultraviolet Spectroscopic Explorer (Satellit/satellite)
FUTOUR	Förderung und Unterstützung technologieorientierter Unternehmensgründungen (BMBF)
FV	Fachverband (DPG etc.)
FVK	faserverstärkte Kunststoffe, Faserverbundkunststoff
FVM	Finite Volume Method
FVS-Stiftung	Freiherr-vom-Stein- [und zugleich] Friedrich-von-Schiller-Stiftung (Hamburg, DE)
FW	Fire Wall (Telekommunikation/telecommunication)
FWD	Front-Wheel Drive
FWF	[Fonds zur] Förderung der Wissenschaftlichen Forschung (Österreich/Austria)
FWG	Forschungsanstalt der Bundeswehr für Wasserschall und Geophysik (Kiel, DE) (scherzhaft auch: Flachwassergesellschaft)
FWHM	Full-Width Half Maximum (Fotofilm-Körnigkeit, Laser-Divergenz/photo-film granulation, laser beam divergence)
FWM	Four Wave Mixing
FXC	Fiber Optical (or: Switch) Cross Connect (optische Telekommunikation/optical telecommunication)
FY	Fiscal Year
FYI	for your information (AIP Reports/information reports)
FZI	Forschungszentrum für Informatik (Karlsruhe, DE)
FZJ	Forschungszentrum Jülich (DE)
FZK	Forschungszentrum Karlsruhe (DE)
FZP	Fresnel Zone Plate
FZR	Forschungszentrum Rossendorf (DE)

G

G	Guanin (DNA-Base/DNA base)
GA	Gabun/Gabon (ISO 3166)
GA	Genetic Algorithm
GA	Georgia (US-Staat/US state)
G&A	General and Administration
GAAM	Gesellschaft für Analytik und atomspektroskopische Messtechnik
GABA	γ-Aminobuttersäure
GABI	[deutsche „Schwester" der/German „Sister" of the Human Genome Organization]
GAC	General Advisory Committee (AEC)
GAC	GMES Advisory Council
GAEB	Gemeinsamer Ausschuss Elektronik im Bauwesen
GAFA	Internationale Gartenfachmesse (Köln, DE)
GAFOS	German-American Symposia on Frontiers of Science
GAG	Georg-Agricola-Gesellschaft zur Förderung der Geschichte der Naturwissenschaften und der Technik e.V.
GAIA, Gaia	Global Astrometric Interferometer for Astrophysics
GAIN	German Academic International Network
GALILEO	[Europäisches Satelliten-Navigationssystem, im Aufbau/European satellite navigation system, still incomplete]
GALLEX	Gallium-(Sonnen-Neutrino)-Experiment (Gran Sasso, IT)
GAM	Generalized Additive Model (Regressionsverfahren)
GAMAB	Globalement au moins aussi bon (global mindestens ebenso gut/globally at least as good)
GAMESS	General Atomic Electronic Structure Systems
GAMM	Gesellschaft für Angewandte Mathematik und Mechanik
GAMNI	Groupe pour l'Avencement des Méthodes Numériques de l'Ingénieur (FR)
GAMS	Guide to Available Mathematics Software
GAN	Generic Access Network (Telekommunikation/telecommunication)
GAN	Global Area Network (Datennetz/data network)
GANC	Generic Access Network Controller (Telekommunikation/telecommunication)
GANIL	Grande Accélérateur National d'Ions Lourds (FR)
GAO	General Accounting Office (USA)
GAO	Government Accountability Office (USA)
GAP	Generic Access Profile (or: Protocol)
GARP	General Access Registry Protocol (Telekommunikation/telecommunication)
GARTEUR	Group for Aeronautical Research and Technology in Europe
GARS	German Antarctic Receiving Station
GAS	Geomagnetic Aspect Sensor (Satelliten/satellites)
GAS	Gesellschaft für Angewandte Supraleitung (KfK, Karlsruhe, DE)
GAST	Gemeinschaft Autofreier Schweizer Tourismusorte
GAST	Gemeinschaftsausschuss Strahlenforschung
GAT	Governmental Action Team
GATT	General Agreement on Tariffs and Trade
GAUSS	Galaktisches Ultraweitwinkel Schmidt System (Spacelab, Kugelspiegelkamera)
GAUSS	Georg-August University School of Science (Göttingen, DE)
GB	Gigabyte
GB	Großbritannien/Great Britain (ISO 3166)
GbE	Gigabit Ethernet
GBF	Gesellschaft für Biotechnologische Forschung (Braunschweig, DE)
GBIF	Global Biodiversity Information Facility (Internet)
GbR	Gesellschaft bürgerlichen Rechts
GBS	Göttinger Beiträge zur Sprachwissenschaft
GBSS	Granule Bound Starch Synthase
GC	Gas Chromatography
GCC	Generalized Cross-Correlator
GCC	Global Climate Coalition

GCD	Greatest Common Divisor (= ggT)
GCF	Global Certification Forum (Mobilfunk/mobile radio)
GCF	GSM Certification Forum (Mobilfunk/mobile radio)
GCMD	Global Change Master Directory (NASA)
GCN	Global Caribbian Network (optische Telekommunikation/optical telecommunication)
GCOS	Global Climate Observing System (globales Klimaüberwachungsprogramm)
GCRA	Generic Cell Rate Algorithm (Telekommunikation/telecommunication)
GCSR	Grating-assisted codirectional Coupler with rear Sampled Reflector (abstimmbarer Laser/tunable laser)
GD	Grenada (ISO 3166)
GDCh	Gesellschaft Deutscher Chemiker e.V.
GDCP	Gesellschaft für Didaktik der Chemie und Physik
GDM	Gesellschaft für Didaktik der Mathematik
GDMO	Guidelines for Defining (or: the Definition) of Managed Objects
GDN	Global Development Network
GDNÄ	Gesellschaft Deutscher Naturforscher und Ärzte e.V.
GDNF	Glia-Derived Neurotrophic Factor
GDOS	Graphics Device Operating System
GDP	General Drawing Primitive
GDP	Gross Domestic Product (Volkswirtschaft/national economy, = BIP)
GDP	Guanosindiphosphat
GDR	German Democratic Republic (= DDR)
GDSS	Group Decision Support Systems
GdT	Gemeinschaftsausschuss der Technik
GDV	Gesamtverband der deutschen Versicherungswirtschaft e.V.
GE	Georgien/Georgia (ISO 3166)
GE	Gigabit Ethernet
GEA	Gigabit Ethernet Alliance
GEF	Global Environment Facility (Umweltfonds/environment fund, 1990)
GefStoffV	Gefahrstoff-Verordnung
GEM	Gas Electron Multiplier
GEM	Global Entrepreneurship Monitor (Report)
GEM	Graphics Environment Manager
GEMA	Gesellschaft für musikalische Aufführungsrechte
GEMINGA	Gemini Gamma-Quelle (Neutronenstern/neutron star)
GEMIS	Globales Emissionsmodell Integrierter Systeme
GEMS	Galaxy Evolution from Morphologies and Spectral Energy Distributions (Astrophysik/astrophysics)
GEMS	Global Environment Monitoring System (Naturschutz, nature conservation)
GENI	Global Experimentation for Network Instantiation (Internet)
GENIUS	Germanium Detectors in Liquid Nitrogen in an Underground Set Up (Neutrinodetektor/neutrino detector)
GenMAPP	Gene MicroArray Pathway Profiler (Computerprogramm für genetische Analyse/computer program for genetic analysis)
GEO	[britisch–deutscher Gravitationswellendetektor/British–German gravitational wave detector] (Ruthe bei/near Hannover, DE)
GEO	Geosynchronous (or: Geostationary) Earth Orbit
GEOMAR	Forschungszentrum für marine Geowissenschaften (Univ. Kiel, DE)
GEOS	Goddard Earth Observing System (NASA)
GEOSS	Global Earth Observation System of Systems (Satelliten/satellites)
GEPRIS	geförderte Projekte der DFG (Suchmaschine/search engine, www.dfg.de/gepris)
GERAN	GSM/EDGE Radio Access Network (Telekommunikation/telecommunication)
GESIMA	Geesthachter Simulationsmodell der Atmosphäre
GESIS	Gesellschaft sozialwissenschaftliche Infrastruktureinrichtungen (Mannheim, DE)
GETV	Genesys Enterprise Telephony Software
GEUmbH	Gesellschaft für Energieanwendung und Umwelttechnik mbH (Leipzig, DE)
GEW	Gewerkschaft Erziehung und Wissenschaft
GF	Französisch-Guyana/French Guiana (ISO 3166)
GFDL	Geophysical Fluid Dynamics Laboratory (NOAA)
GFE	Großforschungseinrichtung
GFK	Glasfaser-verstärkte Kunststoffe
GFLOPs/s	Giga-FLOPs/s (= 10^9 FLOPs/s)
GFMC	Green's Function Monte Carlo (Technik, Kernphysik/technique, nuclear physics)
GFP	Generic Framing Procedure (Telekommunikation/telecommunication)
GFP	Green Fluorescent Protein
GFR	Guaranteed Frame Rate (Telekommunikation/telecommunication)
GFRP	Glass Fiber Reinforced Plastic
GFS	Gemeinsame Forschungsstelle (der/of the EU in Petten, NL)
GFSK	Gaussian(-Filtered) Frequency Shift Keying
GFZ	Geoforschungszentrum (Potsdam, DE)
GGA	Geowissenschaftliche Gemeinschaftsaufgaben (im/in the Geozentrum Hannover, DE)
GGF	Glial Growth Factor (Medikament, evtl. gegen MS/medicine, possibly against MS)
GGF	Global Grid Forum
GGSN	Gateway GPRS Support (or: Serving) Node (Telekommunikation/telecommunication)
GGT	Gesellschaft für Gerontotechnik
ggT	größter gemeinsamer Teiler (= GCD)
GGVS	Gefahrgut-Verordnung Straße
GH	Ghana (ISO 3166)
GHG	Greenhouse Gas
GHRH	Growth hormone-releasing hormone (Freisetzungshormon des Wachstumshormons)
GHRS	Goddard High Resolution Spectrograph
GHZ	Greenberger-Horne-Zeilinger(-Zustand/state)

GI	Gesellschaft für Informatik e.V.
GI	Gibraltar (ISO 3166)
GI	Guard Interval (Telekommunikation/telecommunication)
GIC	Generalized Information Criterion
GIF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
GIF	German-Israeli Foundation for Scientific Research and Development
GIF	Graphics Interchange Format (Datenkompression/data compression, CompuServe 1987)
GigE	Gigabit Ethernet
GIM	[Sheldon] Glashow, [John] Iliopoulos, [Luciano] Maiani [Model] (Elementarteilchenthorie/elementary particle theory)
GIMP	GNU Image Manipulation Program
GIMS	Topical Group on Instruments and Measurement Science (APS)
GIOD	Globally Interconnected Object Databases
GIOL	Global Imaging On-Line
Gips	Giga-Instructions per Second
GIRL	German Infrared Laboratory (Astrophysik/astrophysics, 1985)
GIS	Geo-Informationssystem, Geographic(al) Information System
GISI	Göttinger Informationssystem für Intensivmedizin und OP
GISI	Gruppo Imprese Strumentazione Italia
	(Association for Instrumentation, Control and Automation Companies)
GISS	Goddard Institute for Space Studies (NASA)
GITEWS	German Tsunami Early Warning System
GIZ	Giftinformationszentrum (Nord/North: in Göttingen, DE)
GK	Gatekeeper (Telekommunikation/telecommunication)
GK	Graduiertenkolleg
GK	Grundkurs
GKS	Grafisches Kern-System
GKSS	[Forschungszentrum Geesthacht, DE]
GL	Grönland/Greenland (ISO 3166)
GLA	Göttinger Linguistische Abhandlungen
GLAD	General Laser Analysis and Design
GLAST	Gamma-Ray Large Area Space Telescope
GLBA	Gramm Leach Bliley Act (US health care)
GLCM	Ground-Launched Cruise Missile
GLDV	Gesellschaft für linguistische Datenverarbeitung
GLE	Ginzburg-Landau Equation (nichtlineare Dynamik/nonlinear dynamics)
GLF	Grundlagenforschung
GLIF	Global Lambda Integrated Facility (Annual Workshops)
GLM	General Linear Modelling
GLOBECOM	[IEEE] Global Telecommunications Conference
GLOBIS	Global Change and Biodiversity in Soils
GLOBUS	Generating Long-Term Options by Using Simulation
GLONASS	Global Navigation Satellite System (RU)
GLP	Good Laboratory Practice, gute Labor-Praxis
GLS	Global Locating Sensing
GLV	geschlossene Luftversorgung (Kfz-Federung/vehicle suspension)
GLZ	Generalized Linear Modelling
GM	Gambia (ISO 3166)
GM	General Motors
GMAG	Topical Group on Magnetism and Its Applications (APS)
GmbH	Gesellschaft mit beschränkter Haftung
GMD	Gesellschaft für Mathematik und Datenverarbeitung (vormals/formerly Bonn–Darmstadt–Berlin–St. Augustin– Birlinghofen, DE, später von der Fraunhofer-Gesellschaft übernommen/later on taken over by the FhG)
GMES	Global Monitoring for Environment and Security (Satellit, geplant für/satellite, planned for 2012)
GMK	Graphical Model Toolkit (Spracherkennung/speech recognition)
GMLC	Gateway Mobile Location Center (Telekommunikation/telecommunication)
GMM	Gaussian Mixture Model (Sprachübertragung/speech transmission)
GMM	Global MultiMedia (Telekommunikation/telecommunication)
GMM	GPRS Mobility Management
GMO	Genetically Modified Organism
GMP	Good Manufacturing Practice
GMPLS	Generalized Multi Protocol Label Switching (Telekommunikation/telecommunication)
GMR	Giant Magnetoresistance
GMRP	GARP Multicast Registration Protocol (Telekommunikation/telecommunication)
GMS	Ground MIssion System (Galileo)
GMSC	Gateway Mobile Switching Center (Datenübertragung/data transmission)
GMSK	Gaussian Minimum Shift Keying (Modulation)
GMSS	Gateway Management Subsystem (Telekommunikation/telecommunication)
GMT	Giant Magellan Telescope (geplant/planned)
GMT	Greenwich Meantime (Weltstandard seit/world standard since 1884)
GN	Guinea (ISO 3166)
GNA	Global Network Academy (Texas, USA)
GNC	Guidance, Navigation, and Control
GNCI	Greater North China Initiative (geologische Forschung/geological research)
GNEP	Global Nuclear Energy Partnership
GNF	Graphite Nano-Fiber
GNF	Group of Blocks (Telekommunikation/telecommunication)
GNI	Gigabit Ethernet Network Interface (Telekommunikation/telecommunication)
GNIRS	Gemini Near Infrared Spectrometer (USA)

GNM	Germanisches Nationalmuseum (Nürnberg, DE)
GNO	Gallex Neutrino Observatory (INFN, Gran Sasso, IT)
GNOME	GNU Object Model Environment
GNP	Gross National Product (= Bruttosozialprodukt)
GNSS	Global Navigation Satellite System
GNSS2	Global Navigation Satellite System, 2nd generation
GNU	Gallium Neutrino Observatory (zuvor/formerly: GALLEX, Gran Sasso, IT)
GNU	GNU is not UNIX
GO	Gründungsoffensive
GoB	Good or Better
GoB	Group of Blocks (Telekommunikation/telecommunication)
GOCE	Gravity Field and Steady-State Ocean Circulation Explorer (Satelliten-Fernerkundung/satellite remote sensing)
GODAE	Global Ocean Data Assimilation Experiment (Satelliten-Altimetrie/satellite height measurement)
GOLF	Global Oscillations at Low Frequencies (an Bord von/aboard SOHO)
GOMAC	Government Microcircuit Applications Conference (USA)
GOME	Global Ozone Monitoring Experiment (Fernerkundung/remote sensing, ERS 2, 1995)
GOMOS	Global Ozone Monitoring by Occultation of Star (ENVISAT)
GONG	Global Oscillation Network Group (für Helioseismologie/for helio-seismology)
GOODS	Great Observatories Origins Deep Survey (Astrophysik/astrophysics)
GOP	Group of Pictures (Telekommunikation/telecommunication)
GoS	Grade of Service (Telekommunikation/telecommunication)
GOTS	Gesellschaft für Orthopädisch/Traumatologische Sportmedizin
gov	[Government] (Internet, USA)
GP	Guadeloupe (ISO 3166)
GPCR	G-Protein Coupled Receptor
GPDS	Global Product Development System (Fahrzeugentwicklung/automotive design)
GPIB	General Purpose Interface Bus
GPIP	General Purpose Input/Output Interrupt Port
GPL	General (or: GNU) Public License (FSF)
GPO	GMES Programme Office
GPON	Gigabit Passive Optical Network(ing) (Telekommunikation/telecommunication)
GPP	General Purpose Processor
GPR	Ground Penetrating Radar
GPRS	Global (or: General) Packet Radio Service (or: System) (Telekommunikation/telecommunication)
GPS	Ganzheitliche Produktionssysteme
GPS	Global Positioning System
GPU	Graphic Processing Unit (Computergrafik)
GPWS	Ground Proximity Warning System
GQ	Äquatorialguinea/Equatorial Guinea (ISO 3166)
GR	Gigabit Router (Internet)
GR	Griechenland/Greece (ISO 3166)
GRA	Gamma Resonance Absorption
GRAB	Galactic Radiation and Background (US Aufklärungs-Satellit/reconnaissance satellite)
GRACE	Generalisation of Research on Accounts and Cost Estimation (EC Project)
GRANADA	Galileo Receiver Analysis and Design Application (Astrophysik/astrophysics, Software)
GRAS	Generally Recognized as Safe (Nahrungsergänzungsmittel/food additives)
GRATE	Generic Rules and Agent Model Test Bed Environment
GRB	Gamma-Ray Burst (Astrophysik/astrophysics)
GRC	Gordon Research Conference
GRDDL	Gleaning Resource Descriptions from Dialects of Languages (semantisches Netz/semantic net)
GRE	Generic Routing Encapsulation
GREAT	German Receiver for Astronomy at Terahertz Frequencies
GREEN	Groupe de Recherche en Electrotechnique et Electronique de Nancy (FR)
GRI	Gamma-Ray Imager (Satellit/satellite, NASA)
GRIP	Greenland Icecore Project
GRK	Graduiertenkolleg (DFG, seit/since 1990)
GRM	General Relationship Model
GRO	Compton Gamma Ray Observatory (Satellit/satellite)
GRO	Grimaldi Robotic Observatory (Teleskop auf dem Mond, vorgeschlagen/telescope on the moon, proposed)
GRS	Gamma-Ray Spectrometer
GS	Südgeorgien/South Georgia (ISO 3166)
GS	Guaranteed Service
GSA	General Service Administration (USA)
GSA	Global (Mobile) Suppliers Association (Telekommunikation/telecommunication)
GSAG	GOME Science Advisory Group
GSCCM	Topical Group on Shock Compression of Condensed Matter (APS)
GSD	Ground Sampling Distance (Satelliten-Fernerkundung/satellite remote sensing)
GSDSEF	Greater San Diego Science and Engineering Fair
GSE	GMES Services Elements
GSE	Group of Scientific Experts (Genfer Abrüstungskonferenz 1976)
GSETT-1, -2, -3	GSE Technical Test I (1984), ~ II (1991), ~ III (1995)
GSFC	Goddard Space Flight Center (Greenbelt, MD, USA)
GSG	Gesundheitsstrukturgesetz
GSI	Gesellschaft für Schwerionenforschung (Darmstadt, DE)
GSM	Global System for Mobile Communication(s) (Telekommunikation/telecommunication)
GSM	Groupe Spéciale Mobile (Mobilfunk/mobile radio)
GSMA	GSM Association (Telekommunikation/telecommunication)
GSMBE	Gas Source Molecular Beam Epitaxy

GSMN	GSM Node
GSM-R	Global System for Mobile Communications – Railway (Eisenbahntechnik/railway technology)
GSMS	GPRS Short Message Service (Telekommunikation/telecommunication)
GSMT	Giant Segmented-Mirror Telescope (geplant/planned)
GSN	Global Seismic (or: Seismographic) Network
GSN	GPRS Support Node
GSNP	Topical Group on Statistical and Nonlinear Physics (APS)
GSO	Geostationary Satellite Orbit
GSP	Gap Surface Plasmon (elektromagnetische Grenzflächenwellen/electromagnetic boundary layer waves)
GSP	Genomic Signal Processing
GSS	Ground Sensor Station (Galileo)
GSS	Group Support System
GSTB	Galileo System Test Bed (Satellitennavigation/satellite navigation)
GSW	Glashow-Salam-Weinberg (Neutrinotheorie/neutrino theory)
GT	Gamow-Teller
GT	Guatemala (ISO 3166)
GTD	Geometrical Theory of Diffraction
GTL	Gas to Liquid (synthetischer Kraftstoff/synthetic fuel)
GTLS	Generalized Total Least Squares (Algorithmus/algorithm)
GTP	GPRS Tunneling Protocol (Telekommunikation/telecommunication)
GTP	Guanosintriphosphat
GTP-c	GPRS Tunneling Protocol Control Plane (Telekommunikation/telecommunication)
GTRI	Georgia Tech Research Institute (USA)
GTRI	Global Threat Reduction Initiative
GTÜ	Gesellschaft für Technische Überwachung
GTS	Global Transmission Services (ISS)
GTZ	Deutsche Gesellschaft für Technische Zusammenarbeit (Eschborn, DE)
GU	Guam (ISO 3166)
GUD	Gas- und Dampfturbinen (-Kraftwerke)
GUESS	General-Purpose Expert System Shell
GUI	Graphical (or: Guided) User Interface
GUID	Global Unique Identifier (weltweites PC-Netz/worldwide PC network)
GUP	Generic User Profile (Telekommunikation/telecommunication)
GUS	Gemeinschaft unabhängiger Staaten (ehem./former UdSSR)
GUT	Grand Unified Theory (theoretische Physik/theoretical physics)
GUTI	Globally Unique Temporary Identifier (Telekommunikation/telecommunication)
GVD	Group Velocity Dispersion (Leitungen/transmission lines)
GVE	Großvieheinheit (Normrind, Masse:/standard cow, mass: 500 kg)
GVM	Global Voice Mail (Telekommunikation/telecommunication)
GVP	Genesis Voice Protocol (Telekommunikation/telecommunication)
GVPP	Generic Visual Perception Processor
GVZ	Güterverkehrszentrum
GW	Gateway (Telekommunikation/telecommunication)
GW	Guinea-Bissau (früher Portugiesisch-Guinea/former Portuguese Guinea) (ISO 3166)
G-WiN	Gigabit-Wissenschaftsnetz (geplant für/planned for 2000, bis/up to 2.4 Gbit/s)
GWK	Gemeinsame Wissenschaftskonferenz von Bund und Ländern
GWN	Gaussian White Noise, Gaußsches Weißes Rauschen
GWS	Glashow–Weinberg–Salam (Theoretische Physik, elektroschwache Wechselwirkung/theoretical physics, electro-weak interaction)
GWUP	Gesellschaft für die wissenschaftliche Untersuchung von Parawissenschaften
GY	Guyana (ISO 3166)
GZK	Georgii Zatsepin and Vladim Kuzmin (Moscow; predicted cutoff of cosmic microwave background at 6×10^{19} eV)
GZMB	Göttinger Zentrum für Molekulare Biowissenschaften

H

HA	Home Agent (Telekommunikation/telecommunication)
HAARP	High Frequency Active Auroral Research Project
HAB	Harmful Algae Bloom (Meeresbiologie/marine biology)
HAC	High Authority Control
HAC	Human Artificial Chromosome
HAD	Helium Abundance Detector (Galileo satellite 1989)
HAD	Hollow Cathode Activated Deposition (dünne Schichten/thin layers)
HAI	Helicopter Association International
HAL	Hardware Abstraction Layer (Telekommunikation/telecommunication)
HALE	High Altitude, Long Endurance (Flugzeug/aircraft)
HALO	High Altitude and Long Range Research Aircraft (DLR, planned for Summer 2009)
HAMR	Head-Assisted Magnetic Recording
HANE	High-Altitude Nuclear Explosion
HARF	Hyperstable Adaptive Recursive Filter
HARP	High-Gain Avalanche Rushing Amorphous Photoconductor
HARQ	Hybrid Automatic Repeat Request (Telekommunikation/telecommunication)
HART	Highway Addressable Receiver/Transmitter (Telekommunikation/telecommunication)
HASASEM	Haptisches Sensor-Aktor-System auf der Grundlage der Echtzeitelastographie sowie von elektro- und magnetorheologischen Materialien
HASI	Huygens Atmospheric Structure Instrument (Raumfahrt/spacecraft)
HASYLAB	Hamburger Synchrotronstrahlungs-Laboratorium (bei/at DESY)
HATPRO	Humidity and Temperature Profiler (Wetterdatenerfassung/weather data monitoring)

HAV	Hand-Arm Vibration
HAV	Hepatitis-A-Virus
HAVI	Home Audio/Video Interoperability
HAZOP	Hazardous Analysis and Operability (Problemlösungsmethode/problem solving method)
HB	(Hansestadt) Bremen (Bundesland/German Federal State)
HB	High-Brightness (LEDs)
HBCCO	$HgBa_2Ca_{n-1}Cu_nO_{2n+2}$ (HTSL)
HBCI	Homebanking Computing Interface
HBCU	Historically Black Colleges and Universities (USA)
HBFG	Hochschulbauförderungsgesetz
HBFR	High Flux Beam Reactor (Brookhaven, Long Island, NY, USA)
HBLED	High-Brightness Light Emitting Diode
HBT	Hanbury Brown and Twiss (Quanteneffekt/quantum effect)
HBT	Hetero-Bipolartransistor, Heterojunction Bipolar Transistor
HBV	Hepatitis-B-Virus
HCB	Hexachlorbenzol
HCCI	Homogeneous Charge-Compression Ignition (Verbrennungsmotor/internal combustion engine)
HCG	High-Index Contrast Sub-Wavelength Grating (Laserspiegel/laser mirror)
HCH	Hexachlorcyclohexan
HCI	Host Controller Interface (Telekommunikation/telecommunication)
HCI	Human–Computer Interaction (or: Interface)
HCM	Human Capital (and) Mobility (EU)
HCMV	Humanes Cytomegalovirus
HCP	Hexagonal Close Packing (Gitter/lattice)
HCR	High Chip Rate
HCS	Hard-Clad Silica (Faseroptik/fiber optics)
HCS	High Content Screening (Biochemie/biochemistry)
HCTMCP	Hexacyanotrimethylencyclopropanid
HCV	Hepatitis-C-Virus
HD	Harmonization Document (CENELEC)
HD	High Definition (Video)
HDA	High-Density Amorphous (Eis/ice)
HDBR	Hybrid Distributed Bragg Reflector (optische Telekommunikation/optical telecommunication)
HDBT	High Definition Broadcast Technology
HDCAM	[vom HDTV abgeleitetes Bildaufzeichnungsformat/picture recording format, derived from HDTV]
HDCP	High Definition (or: Digital) Content Protection
HDCS	Hard Disk Controller Select
HDF	Hierarchical Data Format
HDF	hochdichte Faserplatte
HDF	Hubble Deep Field (Astrophysik/astrophysics)
HDL	Hardware Description Language
HDL	High-Density Lipoprotein („gutes" Cholesterin/ "good" cholesterol)
HDL	High-Density Liquid
HDL	High-Power Diode Laser
HDLC	High Level Data Link Control (Datenübertragung/data transmission)
HDM	Hot Dark Matter (Kosmologie/cosmology)
HDMI	High Definition Multimedia Interface
HDML	Handheld Device Markup Lnguage
HdO	hinter dem Ohr (Hörgeräte/hearing aids)
HDPE	High Density Polyethylene
HDR	High Data Rate (Datenübertragung/data transmission)
HDR	Hot Dry Rock (geothermy)
HDRQ	Harddiskcontroller-Data-Request
HDS	High Dispersion Spectrograph
HDSL	High-Bit-Rate (or: High Speed) Digital Subscriber Line (or: Loop)
HDTV	High Definition Television (hochauflösendes Fernsehen)
HE	Hessen (Bundesland/German Federal State)
HE-AAC	High Efficiency Advanced Audio Coding (Audio-Kompressions-Software/audio compression method)
HEAO	High Energy Astrophysical Observatory
HEATCO	Harmonised European Approaches for Transport Costing and Project Assessment (EC Project)
HECToR	High End Computing Terascale Resources (UK)
HEED	High Efficiency Electron Emission Device (Bildwandler/image converter)
HEFC	Higher Education Funding Council (UK)
HEFCE	Higher Education Funding Council for England
HELCOM	Helsinki Commission on Baltic Marine Protection
HEMT	High-Electron-Mobility Transistor
HEP	Hochenergiephysik, High-Energy Physics
HEP	Hochschulerneuerungsprogramm (neue Bundesländer)
HEPAP	High-Energy Physics Advisory Panel (USA)
HEPnet	High Energy Physics Network
HEPP	High Energy and Particle Physics Division (EPS)
HER	Human Epidermal Growth Factor Receptor
HERA	Hadron-Electron Ring Accelerator, Hadron-Elektron-Ring-Anlage (DESY)
HERMES	Hotspot Ecosystem Research on the Margins of the European Seas
HERV	Humanes Endogenes Retrovirus
HES	High Energy Stereoscopic System (Gammastrahlenteleskop/gamma ray telescope array, Namibia)
HES	Home Electronic System
HES	Hybrid Evolutionary System (Systembeschreibung/system description)

HESS	High Energy Seismic Survey (Meeresbiologie/marine biology)
HESS	High Energy Stereoscopic System (Teleskop/telescope)
HET	High-Performance Computing in Europe Taskforce (seit/since 2006)
HET	Hobby-Eberly-Telescope (Davis Mountains, TX, USA)
HETE	High Energy Transient Explorer (Satellite, NASA)
HETP	Height Equivalent to One Theoretical Plate (Maß für Trennleistung eines chemischen Analysesystems, z.B. 20 μm bei Chromatographie/measure of separation resolution, e.g. 20 μm in chromatography)
HEU	Highly Enriched Uranium
HEV	Hybrid Electric Vehicle
HEW	Half Energy Width (Teleskop/telescope)
HEW	Hamburgische Elektricitätswerke
HF	High Frequency (3 – 30 MHz)
HF	Human Factors (TC im/in the ETSI)
HFB	Hartree-Fock-Bogoljubow
HFBR	High Flux Beam Reactor (Brookhaven, Long Island, NY, USA)
HFC	Hybrid Fibre Coax
H-FDD	Hybrid Frequency Division Duplex (Telecommunication, Combination of Time and Frequency Division Duplex)
HFEA	Human Fertilisation and Embryology Authority
HFF	Hochschule für Fernsehen und Film (München, DE)
HFH	Hamburger Fernhochschule
HFIR	High Flux Isotope Reactor (ORNL)
HFO	Halbleiterwerk Frankfurt/Oder (DE)
HFOV	Hochfrequenz-Oszillationsventilation (künstliche Beatmung/artificial respiration)
HFP	Handsfree Profile (Telekommunikation/telecommunication)
HFR	High-Flux Reactor (GFS, Petten, NL)
HFR	Hybrid Fiber Radio
HFSP	Human Frontier Science Program
HfTL	Hochschule für Telekommunikation Leipzig (DE)
HG	Hermite Gaussian (Lasermode/laser mode)
HGAC	Human Genetic Advisory Commission
HGC	Hercules Graphics Card
HGF	Hermann von Helmholtz-Gemeinschaft Deutscher Forschungszentren
HGL	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
HGP	Human Genome Project
HGS	Human Genome Sciences
HGÜ	Hochspannungs-Gleichstrom-Übertragung
HGV	Hochgeschwindigkeitsverkehr (Schienenverkehr/rail traffic)
HH	(Hansestadt) Hamburg (Bundesland/German Federal State)
HHC	Higher Harmonic Control
HHG	High-Order Harmonic Generation (kurze Lichtimpulse/short light pulses)
HHI	Heinrich-Hertz-Institut für Nachrichtentechnik (Berlin, DE, neuer Name/new name)
HHI	Heinrich-Hertz-Institut für Schwingungsforschung (Berlin, DE, alter Name/old name)
HHMI	Howard Hughes Medical Institute (Ashburn, VA, USA)
HHNA	Hypothalamus-Hypophysen-Nebennierenrinden (-Achse)
HHS	Health and Human Services (US Government Department)
HI	Hawaii (US-Staat/US state)
HIC	Head Injury Criteria (Insassensicherheit/passenger safety)
HIC	Heterogeneous Interprocessor Communications and Standards
HIC	Hydrophobic Interaction Chromatography
HICAS	High Velocity Impact of Composite Aircraft
HIDIF	Heavy Ion Driven Intertial Fusion
HIF	Hochschulinternes Fernsehen (Göttingen, DE)
HIFF	Hafnium Isomer Production Panel (DARPA)
HiFi	High Fidelity (Unterhaltungselektronik)
HIFI	Hawaii Imaging Fabry-Pérot Interferometer (Astronomie/astronomy)
HIFT	Heard Island Feasibility Test
HIFU	High-Intensity Focused Ultrasound
HIGS	High-Intensity Gamma-Ray Source
HIL	Hardware-in-the-Loop
HILES	HIL-Echtzeitsimulation
HIMB	Hawaii Institute of Marine Biology
HINARI	Health Internetwork Access to Research Initiative
HIPAA	Helath Insurance Portability and Accountability Act
HiPER	High Power Laser Energy Research
HIPERLAN	High Performance Radio LAN (Telekommunikation/telecommunication)
HIPPARCOS	High Precision Parallax Collecting Satellite (ESA 1989)
HIPS	Homeland Innovative Prototypical Solutions
HiRISE	High Resolution Imaging Science Experiment (Raumfahrt/spacecraft)
HIS	Hochschul-Informationssystem
HIS	Hydrologic Information System (USA)
HITL	Hardware-in-the-Loop
HITRAP	Heavy Ion Trap
HITS	High-Impact Technology Solutions
HIV	Human Immunodeficiency Virus, Human-Immunschwäche-Virus
HK	Hongkong/Hong Kong (ISO 3166)
HKA	Hauptkomponenten-Analyse (= PCA)
HKBU	Hong Kong Baptist University
HKI	Hans-Knöll-Institut für Naturstofforschung (Jena, DE)

HKIOA	Hong Kong Institute of Acoustics
HKOES	Hong Kong Optical Engineering Society
HKP	Hochschulkooperationsprogramm (EU)
HKU	Hong Kong University
HKUST	Hong Kong University of Science and Technology
HL	Hidden Layer (neuronale Netze/artificial neural networks)
HLA	Human Leukocyte Antigen, humane Leukozyten-Antigene (Biochemie/biochemistry)
HLL	High-Speed Low-Voltage Low-Power (Logik-ICs/logical ICs)
HLP	[Dateinamenerweiterung: Windows-Hilfe-Datei/file name extension: Windows help file]
HLR	Home Location Register (Telekommunikation/telecommunication)
HLRB	Höchstleistungsrechenzentrum in Bavaria
HLRS	Höchstleistungsrechenzentrum Stuttgart
HLRZ	Höchstleistungsrechenzentrum (Jülich, DE)
HLU	Hilfe zum Lebensunterhalt („Sozialhilfe")
HLW	High-Level Waste (radioaktiver Abfall/radioactive waste)
HM	Hardware Manager
HM	Heard und McDonald-Inseln/Heard and McDonald Islands (ISO 3166)
HMD	Head-Mounted Display (virtuelle Realität/virtual reality)
HMDO	Hexamethyldisiloxan
HMI	Hahn-Meitner-Institut (Berlin, DE)
HMI	Human-Machine Interface
HMM	Hidden Markov Model
HMR	Home Location Register (Heimat-Datei)
HMS	Health Monitoring System (Flugzeug/aircraft)
HMX	Tetramethylentetranitramin (Octogen, Sprengstoff/explosive)
HMXB	High-Mass X-Ray Binary (Röntgendoppelstern/X-ray double star)
HN	Honduras (ISO 3166)
HNLF	Highly Nonlinear Fibres (Laser)
HNM	Heliport Noise Model (Lärmbewertung/noise rating)
HNMC	Hub Network Management Computer
HNO	Hals-, Nasen- und Ohren(-Klinik oder -Patient/clinic or patient)
HO	HandOver (Telekommunikation/telecommunication)
HOLL	High (Ölsäure)-Low (Linolensäure) (haltbares Öl/well keeping oil)
HOLOMAR	High-Resolution *in situ* Holographic Recording and Analysis of Marine Organisms and Particles (EU project)
HOLT	High-Order Layerwise Theory (Verbundwerkstoffe/compounds)
HOPI	History of Physicists in Industry (AIP project)
HOPI	Hybrid Optical Packet Infrastructure (optische Telekommunikation/optical telecommunication)
HOS	Higher-Order Statistics
HOT	Highly Optimized Tolerance
HOTS	Holographic Optical Telescope and Scanner
HP (hp)	Hewlett Packard
HP	High Priority
HPA	High Power Amplifier
HPC	Health Professional Card (smart card)
HPC	High Performance Computing (or: Computer)
HPC	High-Power Calculations
HPCC	High Performance Computing and Communication (USA)
HPCC	High Performance Computing Cluster
HPCF	High Performance Computing Facility (UK)
HPCI	High Performance Computing Initiative (Arizona State University, USA)
HPCN	High Performance Computing and Networking (ESPRIT)
HPCS	High Performance Computing Systems
HPC1	Human Prostata Cancer 1
HPDL	High-Power Diode Laser
HPF	High Performance Fortran
HPGL	Hewlett Packard Graphics Language
HPHT	High Pressure High Temperature (Diamant/diamond)
HPI	Heinrich-Pette-Institut für Experimentelle Virologie und Immunologie (Hamburg, DE)
HP-IB	Hewlett Packard Interface Bus
HPLC	High Performance Liquid Chromatography
HPLMN	Home Public (and) Land Mobile Network (Telekommunikation/telecommunication)
HPNA	Home Phoneline Networking Alliance (Telekommunikation/telecommunication)
HPS	High Purity Standard (analytische Chemie/analytical chemistry)
HPS	Human Patient Simulator
HPS	The Hungarian Physical Society
HPSK	Hybrid Phase Shift Keying (Telekommunikation/telecommunication)
HPSS	High Performance Storage System
HPT	Hexapod-Telescope
HPV	Human-Papillomvirus
HPVM	High Performance Visual Machine
HPWT	High Performance Work Team
HQ	Headquarters
HQ	High Quality
HR	Hessischer Rundfunk
HR	High Resolution
HR	Kroatien/Hrvatska (ISO 3166)
HRC	Harmonically Related Carrier
HRD	Hertzsprung-Russell-Diagramm (Astronomie/astronomy)

HREEL(S)	High Resolution Electron Energy Loss Spectroscopy
HRH	Her Royal Highness
HRI	High Resolution Imager (Röntgenstrahl-Satellit/X-ray satellite)
HRIIS	High-Resolution Infrared Imaging Spectrometer
HRK	Hochschulrektorenkonferenz
HRS	Hyper-Raman Scattering
HRSC	High Resolution Stereo Camera (ESA-Sonde/probe)
HRST	Human Resources in Science and Technology
HRTEM	Hochaufgelöste Raster-Transmissions-Elektronmikroskopie
HRTF	Head-Related Transfer Function
HSARPA	Homeland Security Advanced Research Projects Agency (USA)
HSC	High Speed Cutting
HSCSD	High Speed Circuit Switched Data (Telekommunikation/telecommunication)
HSCT	hämatopoetische Stammzell-Transplantation
HSDL	Hierarchical Scan Description Language
HSDPA	High Speed Downlink Packet Access (Telekommunikation/telecommunication)
HS-DPCCH	High Speed Dedicated Physical Control Channel (Telekommunikation/telecommunication)
HS-DSCH	High Speed Downlink Shared Channel (Telekommunikation/telecommunication)
HSE	High Speed Ethernet
HSE	High Surface Energy
HSFK	Hessische Stiftung Friedens- und Konfliktforschung
HSI	High Speed Internet
HSIA	High Speed Internet Access
HSL	Homoserinlacton
HSP	Hitzeschock-Protein
HSP	Hochschulsonderprogramm
HSPA	High Speed Packet Access (Telekommunikation/telecommunication)
HS-PDSCH	High Speed Physical Downlink Shared Channel (Telekommunikation/telecommunication)
HSRV	humanes Spuma-Retrovirus
HSS	harter Schnellstahl (Werkzeuge/tools)
HSS	High Speed Switch (Datennetz/data network)
HSS	Home Subscriber Server (Telekommunikation/telecommunication)
HS-SCCH	High Speed Shared Control Channel (Telekommunikation/telecommunication)
HST	Hubble Space Telescope
HSUPA	High Speed Uplink Packet Access (Telekommunikation/telecommunication)
HSVA	Hamburgische Schiffbau-Versuchsanstalt
HSWS	Hartmann-Shack Wavefront Sensor
HT	Haiti (ISO 3166)
HT	High Temperature
HT	High Throughput
HTB	Heterobipolar-Transistor
HTDV	Human Teratocarcinoma-Derived Virus
HTE	High-Temperature Electrolysis (Wasserstoff-Kraftwerk/hydrogen power plant)
HTE	High Throughput Experimentation
HTF	Hub Terminal Facilities
HTG	Hyperschall-Technologie Göttingen (DLR)
HT-HPLC	High Temperature High Perfomance Liquid Chromatography, Hochtemperatur-Flüssigkeitschromatographie
HTLV	humanes T-lymphotropes Virus
HTM	[Dateinamenerweiterung: Internet-Datei/file name extension: Internet file]
HTMB	Hamburger Test für mathematische Begabung
HTMC	High Temperature Mechanical Testing Committee (UK)
HTML	HyperText Markup Language [Dateinamenerweiterung: Internet-Datei/file name extension: Internet file]
HTMT	Hybrid Technology/Multithreaded System (Supercomputer)
HTS	Heights (US Mail)
HTS	High-Throughput Screening
HTS(C)	High Temperature Superconductor (Hochtemperatur-Supraleiter)
HTS(L)	Hochtemperatur-Supraleiter (High-T_c superconductor)
HTTP	Hypertext Transfer (or Transmission) Protocol (Computer-Netzwerk/computer network, WWW)
HTTPS	HTTP Secured
HU	Howard University (Washington, DC, USA)
HU	Humboldt-Universität (Berlin, DE)
HU	Ungarn/Hungary (ISO 3166)
HUAC	House Un-American Activities Committee (Antispionage-Maßnahme der USA)
HUGO	Human Genome Organization
HUPAS	Howard University Program in Atmospheric Sciences (Washington, DC, USA)
HUTT	High-Resolution Ultrasonic Transmission Tomography
HV	High Quality Voice Packet (Telekommunikation/telecommunication)
HV	Obervolta/Upper Volta (ISO 3166 bis/until 1984)
HVAC	Heating, Ventilation and Air Conditioning
HVDC	High-Voltage Direct-Current (verlustarme Hochspannungsleitung/low-loss power line)
HVM	High-Volume Manufacturing
HVPLS	Hierarchical Virtual Private LAN Service (Telekommunikation/telecommunication)
HWC	Hydrophobe Wechselwirkungschromatographie
HWY	Highway (US Mail)
HXMT	Hard X-Ray Modulated Telescope (Chinesischer Satellit/Chinese satellite)
HYKAT	Hydrodynamik- und Kavitationstunnel (HSVA)
HYSWIM	Hydrogen Switchable Mirror

HZT	High-Z Supernova Search Team

I

IA	Ingoing Access
IA	Iowa (US-Staat/US state)
IAA	Internationale Astronautische Akademie
IAA	Internationale Automobilausstellung (Berlin, DE, jeweils im/always in September)
IAAS	Institut für Angewandte Analysis und Stochastik (Berlin, DE)
IAB	Institut für Akustik und Bauphysik (Oberursel/Ts., DE)
IAB	Institut für Arbeitsmarkt- und Berufsforschung (der Bundesanstalt für Arbeit)
IAB	Internet Administration (or: Architecture) Board
IAC	Instituto de Astrofísica de Canarias
IACC	Interaural Cross-Correlation
IACM	International Association for Computational Mechanics
IACS	Image-Activated Cell Spacing (Biotechnologie/biotechnology)
IAD	Integrated Access Device
IAD	Ion-Assisted Deposition
IADC	Inter-Agency Space Debris Coordination Committee
IADS	Integrated Active Drive System (Kfz-Fahrdynamik-Management/vehicle)
IADS	International Affective Digitized Sounds
IAEA	International Atomic Energy Agency (Wien, AT)
IAEO	International Atomic Energy Organisation
IAES	Institute for Advanced Energy Solutions (USA)
IAESTE	International Association for the Exchange of Students for Technical Experience
IAF	[Fraunhofer-] Institut für Angewandte Festkörperphysik (Freiburg/Br., DE)
IAGC	International Association of Geophysical Contractors
IAGOS	In-Service Aircraft for a Global Observing System
IAI	Israel Aircraft Industries
IAIS	[Fraunhofer-] Institut für Intelligente Analyse- und Informationssysteme
IAKF	Interessengemeinschaft für Autofreie Kur- und Fremdenverkehrsorte in Bayern
IAKK	interaurale Kreuzkorrelation
IANUS	Interdisziplinäre Arbeitsgruppe Naturwissenschaft, Technik und Sicherheit (Darmstadt, DE)
IAO	[Fraunhofer-] Institut für Arbeitswirtschaft und Organisation (Stuttgart, DE)
IAP	[Fraunhofer-] Institut für Angewandte Polymerforschung (Golm, DE)
IAP	Institut für Atmosphärenphysik (Kühlungsborn, Mecklenburg-Vorpommern, DE)
IAP	Internet Protocol Access Point
IAP	Internet Access Provider
IAPCM	Institute of Applied Physics and Computational Mathematics (Beijing, China)
IAPP	Institut für Angewandte Photophysik (TU Dresden, DE)
IAPS	International Affective Picture System
iAQC	Integrated Active Quenching Circuitry
IARC	International Agency for Research on Cancer
IARU	International Amateur Radio Union
IAS	Institute for Advanced Study (Princeton, NJ, USA)
IAS	Islamic Academy of Sciences
IASB	Industry Association Synthetic Biology
IASI	Infrared Atmospheric Sounding Interferometer
IASP	International Association for the Study of Pain
IASTED	International Association of Science and Technology for Development
IAT	Institut Arbeit und Technik (Gelsenkirchen, DE)
IATA	International Air Transport Association
IATC	Intermittent Automatic Train Control (z.B./e.g., INDUSI) (Eisenbahntechnik/railway technology)
IAU	International Astronomical Union
IAV	Informations-, Anlauf- und Vermittlungsstelle (Karlsruhe, DE)
iaw	Institut für angewandtes Wissen (Köln, DE)
IBA	Important Bird Area (Naturschutz/nature conservation)
IBAD	Ion Beam Assisted Deposition
IBC	Integrated Broadband Communication
IBC	International Broadcast(ing) Convention
IBE	Interaktive Bildschirmexperimente
IBEM	Inverse Boundary Element Method
IBFM	Interacting Boson Fermion Model
IBM	Interacting Boson Model
IBM	International Business Machines Corporation
IBMS	In-Beam Mössbauer Spectroscopy
IBMT	[Fraunhofer-] Institut für Biomedizinische Technik (St. Ingbert, DE)
IBOC	In-Band On-Channel (high-definition radio)
IBP	[Fraunhofer-] Institut für Bauphysik (Stuttgart, DE)
IBR	Institut für Bioanorganische und Radiopharmazeutische Chemie (FZR)
IBRO	International Brain Research Organization
IBS	International Business Service
IBS	Ion Beam Sputtering
IBW	Internationales Bureau des Welttelegraphenvereins (gegründet/founded: 1868). Ab/since 1908: Bureau international de l'union télégraphique
IC	Integrated Circuit
IC	Intercity (Bundesbahn/German train)
IC	Internal Combustion [Engine] (Verbrennungsmotor)
IC	Ion Chromatography; Ionenchromatographie

ICA	Independent Component Analysis
ICA	Infrared Camera for Car
ICA	International Commission for Acoustics
ICA	International Congress on Acoustics
ICaB	Incoming Call Barrier
ICAB	International Customer Advisory Board
ICAL	Iron Calorimeter Detector (Neutrinodetektor/neutrino detector)
ICALEO	International Conference on Applications of Lasers and Electrooptics
ICALEPCS	International Conference on Accelerator and Large Experimental Physics Control Systems
ICAMS	Interdisciplinary Centre for Advanced Material Simulations (Ruhr-Universität Bochum, DE)
ICAO	International Civil Aviation Organization
ICARCF	International Conference on Automation, Robotics and Computer Vision
ICAS	International Council of the Aeronautical Sciences
ICASE	Institute for Computer Applications in Science and Engineering (NASA Langley Research Center, Hampton, VA, USA)
ICASSP	[IEEE] International Conference on Acoustics, Speech, and Signal Processing
ICAST	Interational Conference on Adaptive Structures and Technology
ICB	Institute for Collaborative Biotechnology (USA)
ICBEN	International Commission on the Biological Effects of Noise
ICBM	Intercontinental Ballistic Missile
ICBP	International Council for Bird Preservation
ICC	Intelligent Customer Care
ICCAD	International Conference on Computer Aided Design
ICCAS	Innovation Center Computer Assisted Surgery (Universität Leipzig, DE)
ICCAT	International Commission for the Conservation of Atlantic Tunas
ICCD	Intensified CCD
ICCL	International Conference on Computer Languages
ICDI	Institut Charles Darwin International
ICDP	International Continental Drilling Program (= KTB)
ICE	In-Car-Entertainment (Autoradio)
ICE	Intercity Express (Bundesbahn/German railway)
ICER	Industry Council for Electronic Equipment (UK)
ICES	International Council for the Exploration of the Sea
ICF	Inertial Confinement Fusion (= Trägheitsfusion) (Reaktor/reactor)
ICFA	International Committee for Future Accelerators
ICG	Intellectual Capital Group (Franklin, MI, USA)
ICGRG	International Commission on General Relativity and Gravitation
ICI	Integrated Communication Interface (Telekommunikation/telecommunication)
ICI	Inter-Carrier Interference (Telekommunikation/telecommunication)
ICI	Interchannel Interference (Telekommunikation/telecommunication)
ICIP	International Conference on Image Processing (IEEE)
ICL	Ice Cube Laboratory (Antarktis-Forschungsstation/antarctic research station)
ICM	International Congress Center München
ICM	Intracluster Medium (Astronomie/astronomy)
ICMI	International Commission for Mathematical Instruction
ICMP	Internet Control Message Protocol (Telekommunikation/telecommunication)
ICMPC	International Conference on Music Perception and Cognition
ICMR	International Center for Materials Research
ICN	Information and Communication Network (Siemens)
ICNN	International Conference on Neural Networks
ICNP	International Conference on Network Protocols
ICO	International Commission for (or: on) Optics
ICOMOS	International Council on Monuments and Sites
ICON	International Council on Nanotechnology (Rice University, USA)
ICONIP	International Conference on Neural Information Processing
ICOO	International Congress on Optics and Optoelectronics
ICOS	International Catalog of Sources for History and Allied Sciences (AIP)
ICP	Inductively Coupled Plasma
ICP	Interuniversity Cooperation Programme (Europe)
ICPChS	International Congress of Phonetic Sciences
ICPNM	International Certificate Program for New Media (FhG, CRCG)
I&C PS	Industrial & Commercial Power Systems [Technical Conference]
ICPS	Industrial Consortium of Polynucleotide Synthesis
ICR	Ion Cyclotron Resonance
ICRM	International Committee for Radionuclide Metrology
ICRP	International Commission on Radiological Protection
ICRU	International Commission on Radiation Units and Measurements
ICS	Interactive Supercomputing
I-CSCF	Interrogating Call Session Control Function (Telekommunikation/telecommunication)
ICSI	International Computer Science Institute (Berkeley, CA, USA)
ICSLP	International Conference on Spoken Language Processing
ICSOS	International Conference on the Structure of Surfaces
ICSS	Integrated Communications and Solutions Services (Telekommunikation/telecommunication)
ICSTI	International Council for Scientific and Technical Information
ICSU	International Council of Scientific Unions (seit/since 1931; umbenannt in/renamed into International Council for Science)
ICSV	International Conference on Sound and Vibration
ICT	Information and Communication Technology
ICT	[Fraunhofer-] Institut für Chemische Technologie (Pfinztal bei/near Karlsruhe, DE)

ICTCA	International Conference on Theoretical and Computational Acoustics
ICTA	International Center for Technology Assessment (USA)
ICTP	International Centre for Theoretical Physics (Triest, seit/since 1964)
ICU	Intensive Care Unit (Krankenhaus/hospital)
ICU	International Conference on Ultrasonics
ICW	Internet Call Waiting (Telekommunikation/telecommunication)
ICZM	Integrated Coastal Zone Management (Meeresküstenschutz/sea shore conservation)
ID	Idaho (US-Staat/US state)
ID	Identifier
ID	Indonesien/Indonesia (ISO 3166)
IDA	Institute for Defense Analyses (USA)
IDA	Interface for Distributed Automation
IDB	Intelligent Transportation System Data Bus
IDBS	Interactive Data Business Solutions
IDC	Insulation Displacement Connection
IDC	International Data Corporation
IDC	International Data Centre, Internationales Datenzentrum (CTBTO)
IDE	Integrated Development Environment
IDEM	Informations- und Dokumentationsstelle Ethik in der Medizin
IDF	Intermediate Data File
IDF	International Diabetes Federation
IDFT	Inverse Discrete Fourier Transform, inverse diskrete Fourier-Transformation
IDL	Interactive Data Language
IDL	Interface Definition (or: Description) Language
IDMT	[Fraunhofer-] Institut für Digitale Medientechnologie (Ilmenau, DE)
IDNDR	International Decade for Natural Disaster Reduction
IdP	Identity Provider (Telekommunikation/telecommunication)
IDP	Institut für Datenanalyse und Prozessdesign (Winterthur, CH)
IDR	Inter-Domain Routing (Telekommunikation/telecommunication)
IDR	Intermediate Data Rate (Telekommunikation/telecommunication)
IDRFC	Internal Dynamic Rate Flow Control (Telekommunikation/telecommunication)
IDS	Institut für Deutsche Sprache (Mannheim, DE)
IDS	Intrusion Detection System (Firewall)
IDTV	Improved Definition Television (100 Hz-Bild/picture)
IDTV	Interactive Digital Television
IDV	Interactive Data Visualization
IDWT	Inverse Discrete Wavelet Transform
IE	Irland/Ireland (ISO 3166)
IEA	International Association for the Evaluation of Educational Achievement
IEA	International Energy Agency
IEC	International Electrotechnical Commission (gegründet/founded 1904)
IECE, IECEJ	Institute of Electronics and Communication Engineers of Japan
IECON	Industrial Electronics Conference
IED	Improvised Explosive Device
IEE	Institution of Electrical Engineers (UK)
IEE	Intelligent Energy Europe (EU Project 2006–2008)
IEEE	Institute of Electrical and Electronics Engineers (USA)
IEEPA	International Emergency Economic Powers Act (1977)
IEER	Institute for Energy and Environmental Research (USA)
IEICE, IEICEJ	Institute of Electronics, Information, and Communication Engineers of Japan
IEMB	Institut für Erhaltung und Modernisierung von Bauwerken (Berlin, DE)
IEN	Istituto Elettrotecnico Nazionale Galileo Ferraris (Torino, IT)
IEPE	Integrated Electronic Piezoelectric
IERE	Institution of Electronic and Radio Engineers (London, GB)
IES	Internet Enhanced Services
IESE	[Fraunhofer-] Institut für Experimentelles Software Engineering (Kaiserslautern, DE)
IETF	Internet Engineering Task Force
IETS	Inelastic Electron Tunneling Spectroscopy
I/F	Interface
IF	Intermediate Frequency
IFA	Internationale Funkausstellung
IFAC	International Federation of Automatic Control
IfADo	Institut für Arbeitsphysiologie (Dortmund, DE)
IFAM	[Fraunhofer-] Institut für Fertigungstechnik und Angewandte Materialforschung (Bremen, DE)
IFATS	Innovative Future Air Transport System
IFC	Industry Foundation Class (Schnittstelle/interface)
IFE	In-Flight Entertainment System
IfE	Institut für Erdölforschung (Clausthal-Zellerfeld, DE)
IFE	Institut für Festkörperphysik und Elektronenmikroskopie
IFF	[Fraunhofer-] Institut für Fabrikbetrieb und -automatisierung (Magdeburg, DE)
IfF	Institut für Fahrzeugtechnik (TU Braunschweig, DE)
IFF	Institut für Festkörperforschung [a): am/at the IFW, b): am/at the KFA, Jülich, DE]
IFF	Interchange File Format (Graphikformat)
IFFT	Inverse Fast Fourier Transform
IfH	Institut für Hochenergiephysik (ehem./former DDR, Zeuthen, AdW)
IFIP	International Federation of Information Processing Societies and: International Federation for Information Processing
IFIR	Interpolation Finite-Impulse Response (Filter)

IfL	Institut für Länderkunde (Leipzig, DE)
IfL	Institut für Leibesübungen
IfM	Institut für Meereskunde (Kiel, DE)
IFMIF	International Fusion Materials Irradiation Facility
IfN	Institut für Neurobioogie (Magdeburg, DE)
ifo	Institut für Wirtschaftsforschung (München, DE)
IFOK	Institut für Organisationskommunikation (Bensheim, DE)
IFOR	Implementation Force (1995–1996, später/thereafter SFOR)
IFORS	International Federation of Operational Research Societies
IFOS	Institut für Oberflächen- und Schichtanalytik (Univ. Kaiserslautern, DE)
IFPI	International Federation of the Phonographic Industry
IfR	Institut für Radiochemie (FZR)
IFR	International Federation Robotics
IFRB	International Frequency Registration Board (in Genf/Genova, CH)
IFREMER	Institut Français de Recherche pour l'Exploitation de la Mer
IFS	Institut für Festkörperanalytik und Strukturforschung (am/at the IFW)
IfS	Institut für Sicherheitsforschung (FZR)
IFSA	International Forestry Students Association
IFSDA	International Federation of Stamp Dealers Association
IFT	[Fraunhofer-] Institut für Festkörpertechnologie (München, DE)
IfT	Institut für Troposphärenforschung (Leipzig, DE)
IFT(o)MM	International Federation for the Theory of Machines and Mechanisms
IFU	[Fraunhofer-] Institut für Atmosphärische Umweltforschung
IFW	Institut für Festkörper- und Werkstofforschung (Dresden, DE seit/since 1992)
IfW	Institut für Weltwirtschaft (Kiel, DE)
IFX	Interactive Financial Exchange
IfZ	Institut für Zeitgeschichte (München, DE)
IG	Intrinsic Gettering
IGA	Inter-Governmental Agreement
IGAPPI	Interdivisional Group for Applied Physics and Physics in Industry (EPS)
IGB	Institut für Gewässerökologie und Binnenfischerei (Berlin, DE)
IGB	[Fraunhofer-] Institut für Grenzflächen- und Bioverfahrenstechnik (Stuttgart, DE)
IGBP	Internationales Geosphären-Biosphären-Programm (Ökologie/ecology)
IGBT	Insulated Gate Bipolar Transistor
IGC	International Genomics Consortium
IGCC	Integrated Gasification Combined Cycle (Kohlekraftwerk/coal power plant)
IGD	[Fraunhofer-] Institut für graphische Datenverarbeitung (Darmstadt, Außenstelle/branch in Rostock, DE)
iGEM	International Genetically Engineered Machines Competition
IGERT	Integrative Graduate Education and Research Traineeship (NSF, USA)
I-GGSN	Intelligent Gateway GPRS Support Node (Telekommunikation/telecommunication)
IGI	Italian Grid Infrastructure (computing)
IGK	Integrated Gatekeeper (Telekommunikation/telecommunication)
IGK	Internationales Graduiertenkolleg
IGLO	Informal Group of RTD Liaison Officers in Brussels (EU)
IGM	Intergalactic Medium
IGMP	Internet Group Management (or: Multicast) Protocol (Telekommunikation/telecommunication)
IGN	Installations-Geräuschnormal (DIN 52218)
IGP	Interior Gateway Protocol (Telekommunikation/telecommunication)
IGPD	Interdivisional Group on Physics for Development (EPS)
IGS	Integrierte Gesamtschule
IGS	Intergenic Spacer (Genetik/genetics)
IGS	International GPS Service for Geodynamics (Satellitengeodäsie/satellite geodesy)
IGT	Indicazione Geografica Tipica (italienische Wein-Kennzeichnung, entspricht deutschem Landwein/Italian wine classification)
IGTF	International Grid Test Federation
IGV	Institut für Grenzflächenforschung und Vakuumphysik (Jülich, DE)
IGY	International Geophysical Year (1957/58)
IGZ	Informations- und Geschäftszentrum (DEGA, Berlin, DE)
IGZ	Institut für Gemüse- und Zierpflanzenbau (Großbeeren und/and Kühnhausen bei/near Erfurt, DE)
IHES	Institut des Hautes Etudes Scientifiques (bei/near Paris, FR)
IHP	Institut für Halbleiterphysik (Frankfurt/Oder, DE)
IHPT	Institut für Physikalische Hochtechnologie e.V. (Jena, DE)
IHST	International Helicopter Safety Team
IHU	Innenhochdruck-Umformen (= Hydroforming)
IIASA	International Institute of Applied System Analysis (Laxemburg bei/near Wien, AT)
IIAV	International Institute of Acoustics and Vibration
IICQI	International Iran Conference on Quantum Information (1st: Sept. 2007)
IICWG	International Ice Charting Working Group
IID	Independent and Identically-Distributed (Data; Filtertheorie/filter theory)
IID	Interaural Intensity Difference (Richtungshören/directional hearing)
IIHS	Insurance Institute for Highway Safety (USA)
IIJ	Internet Initiative Japan
IIM	Institut für Ionenstrahlphysik und Materialforschung (FZR)
IIMV	Internationales Institut für Management und Verwaltung
I-INCE	International Institute of Noise Control Engineering
IIR	Infinite Impulse Response (Digitalfilter/digital filter)
IIS	Indian Institute of Sciences (Bangalore, IN)
IIS	[Fraunhofer-] Institut für Integrierte Schaltungen (Erlangen, DE)
IISB	[Fraunhofer-] Institut für Integrierte Systeme und Bauelementetechnologie (Erlangen, DE)

IIT	Indian Institute of Technology (Kanpur, IN)
IITB	[Fraunhofer-] Institut für Informations- und Datenverarbeitung (Karlsruhe, DE)
IJCNN	International Joint Conference on Neural Networks
IKAR	[Landkarten-Datenbank/map data bank] (im/in the DBI)
IKARUS	Instrumente für Klimagas-Reduktionsstrategien
IKARUS	Internet-Katalog betrieblicher Umweltinformationssysteme
IKBD	Intelligent Keybord Chip
IKE	Internet Key Exchange (Telekommunikation/telecommunication)
IKH	Institut für Kern- und Hadronenphysik (FZR)
IKIT	Institut für klinische Immunologie und Transfusionsmedizin (Leipzig, DE)
IKM	Institut für elektronische Korrelationen und Magnetismus
IKRK	Internationales Komitee vom Roten Kreuz
IKSE	Internationale Kommission zum Schutz der Elbe
IKSR	Internationale Kommission zum Schutz des Rheins
IKT	Informations- und Kommunikationstechnologien
IKTS	[Fraunhofer-] Institut für Keramische Technologien und Systeme (oder: Sinterwerkstoffe) (Dresden, DE)
IKV	Institut für Kunststoffverarbeitung (Aachen, DE)
IKZ	Institut für Kristallzüchtung (Berlin-Adlershof, DE)
IL	Illinois (US-Staat/US state)
IL	Insertion Loss (Einfügungsdämmung)
IL	Israel (ISO 3166)
ILA	In-Line Amplifier (Glasfaserkabel/glass fiber cable)
ILA	Internationale Luft- und Raumfahrtausstellung
ILAF	Identical Location of Accelerometer and Force
ILC	International Laser Center (Staatsuniversität Moskau/State University Moscow)
ILC	International Linear Collider (Fermilab)
ILD	Intelligibility Level Difference
ILD	Interaural Level Difference
ILEC	Incumbent Local Exchange Carrier (Telekommunikation/telecommunication)
ILED	Inorganic Light-Emitting Diode
ILIPT	Intelligent Logistics for Innovative Product Technologies
ILL	Institut Laue-Langevin (Grenoble, FR)
ILM	Industrial Light & Magic (Flüssigkeitssimulation/fluid simulation system)
ILM	Integrated Laser Modulator (optische Telekommunikation/optical telecommunication)
ILMI	Integrated Local Management Interface (Telekommunikation/telecommunication)
ILMZ	Integrated Laser Mach-Zehnder (modulator, optical telecommunication)
ILP	Institute of Lasers and Plasmas (Bordeaux, FR)
ILR	Induced Loudness Reduction
ILS	Instrument Landing System, Instrumentenlandesystem
ILS	Integrated Logistic Support
ILS	Intracavity Laser Spectroscopy
ILSC	International Laser Safety Conference
ILT	[Fraunhofer-] Institut für Lasertechnologie (Aachen, DE)
ILV	[Fraunhofer-] Institut für Lebensmitteltechnologie und Verpackung (München, DE, bis 31.12.97/until Dec. 31, 1997; danach/thereafter: IVV)
ILW	Intermediate-Level Waste (radioaktiver Abfall/radioactive waste)
IM	Information Manager (Telekommunikation/telecommunication)
IM	Instant Messaging (Telekommunikation/telecommunication)
IM	Intensitätsmodulation
IM	Interlocking Module (Eisenbahntechnik/railway technology)
IMA	Integrated Motor Assist
IMA	Interactive Multimedia Association
IMA	International Marinelife Association
IMA	Inverse Multiplex ATM (Telekommunikation/telecommunication)
IMACS	International Association for Mathematics and Computers in Simulation
IMAGE	Imager for Magnetopause to Aurora Global Exploration (NASA, Satellit/satellite)
IMAP	Internet Mail (or: Message) Access Protocol (E-Mail Server)
IMARES	Institute for Marine Resources and Ecosystem Studies (NL)
IMB	Institut für Molekulare Biotechnologie (Jena, DE)
IMBA	Institut für Molekulare Biotechnologie (Wien, AT)
IMCC	ISDN Management and Coordination Committee (TC im/in the ETSI)
IMD	Intermodulation Distortion
IME	[Fraunhofer-] Institut für Molekularbiologie und Angewandte Ökologie (Schmallenberg, DE)
IMEC	Interuniversity Microelectronics Center (BE)
IMechE	Institution of Mechanical Engineers (UK)
IMEI	International Mobile Equipment Identity (Telekommunikation/telecommunication)
IMEKO	International Measurement Confederation (Budapest, HU)
IMES	Injectable Myoelectric Sensors (Prothesen/prosthetics)
IMG	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
IMI	Innovative Medicines Initiative (EU)
IMI	International Materials Institutes
IMINT	Imaginary Intelligence
IMIS	Integriertes Mess- und Informationssystem zur Überwachung der Umweltradioaktivität
IMK	[Fraunhofer-] Institut für Medienkommunikation (St. Augustin, DE)
IML	[Fraunhofer-] Institut für Materialfluss und Logistik (Dortmund, DE)
IML	International Microgravity Laboratory
IMM	Institut für Mikrotechnik (Mainz, DE)
IMM	Institute of Microelectronics and Microsystems (z.B. in Neapel/e.g. in Naples, IT)

I-MMS	MSS Interconnection Network
IMO	Institut für Mikrostrukturtechnologie und Optoelektronik (Wetzlar, DE)
IMO	International Maritime Organization
IMP	Institut für Molekulare Pathologie (Wien, AT)
IMP	Intermodulation Product
IMPACT	In Situ Measurements of Particle and Coronal Mass Ejections Transients (Sonnenphysik/solar physics)
IMPATT	Impact Avalanche Transit-Time (Diode)
IMPECC	Infrared Microsystems for Pollution Emission Control on Cars
IMPRS	International Max Planck Research School
IMPS	Institute for Mathematical and Physical Sciences (Porto Novo, Benin)
IMPT	Intensity-Modulated Proton Therapy
IMR	Intelligent Mobile Redirect (Telekommunikation/telecommunication)
IMRT	Intensity-Modulated Radiation Therapy (Onkologie, Röntgentechnik/oncology, X-ray technology)
IMS	[Fraunhofer-] Institut für Mehl- und Süßspeisen (Castrop-Rauxel, DE)
IMS	[Fraunhofer-] Institut für Mikroelektronische Schaltungen und Systeme (Duisburg, DE)
IMS	Institute for Molecular Science (Okazaki, JP)
IMS	Integrated Management Solution (Telekommunikation/telecommunication)
IMS	Intelligent Manufacturing System
IMS	Interactive Multimedia Service (Telekommunikation/telecommunication)
IMS	International Monitoring System (CTBT)
IMS	Internet Protocol Multimedia Subsystem
IMS	Ionen-Mikrofabrikations-Systeme (Firma/company in Wien, AT)
IMS	Ionenmobilitätsspektrometer
IMS	IP Multimedia Subsystem (Telekommunikation/telecommunication)
IMSA	Illinois Mathematics and Science Academy
IMSBF	Information Management System Betriebsfestigkeit
IMSI	International Mobile Subscriber Identification (or: Identity)
IMT	Institut für Mikrostrukturtechnik (KfK)
IMT	Institute of Microtechnology (Univ. Neuchâtel, CH)
IMT	International Mobile Telecommunications
IMTC	Instrumentation and Measurement Technology Conference (IEEE)
IMTEK	Institut für Mikrosystemtechnik (Univ. Freiburg, DE)
IMU	International Mathematical Union
IMU	Inertial Measurement Unit (Raumfahrt, Geodäsie/spacecraft, geodesy)
IMUK	Internationale Mathematische Unterrichtskommission (seit/since 1908; später/later on: ICMI)
IMW	Institut für Metallische Werkstoffe (am/at the IFW)
IN	Indiana (US-Staat/US state)
IN	Indien/India (ISO 3166)
IN	Intelligentes Netz, Intelligent Network
INAP	Intelligent Network Application Protocol (or: Part)
Inc.	Incorporated (USA, entspricht Aktiengesellschaft)
INCE	Institute of Noise Control Engineering (USA)
INCEMIC	International Conference on Electromagnetic Interference and Compatibility
INCITE	Innovative and Novel Computational Impact on Theory and Experiment (EU Project since 2003)
INCITE	Institute of Neuronal Computational Intelligence and Technology (Univ. of Stirling, Schottland/Scotland)
INCO	International Cooperation [Cooperation with Third Countries and International Organisations] (EC)
INCREASE	International Cooperation on Research in Environmental Protection, Process Safety and Energy Technology
INDUSI	Induktive Zugsicherung (Eisenbahntechnik/railway technology)
INEL	Idaho National Engineering Laboratory
INES	Informationsnetz Elbe-Sanierung
INES	Innovative Navigation European System
INESAP	International Network of Engineers and Scientists Against Proliferation
INETI	[National Institute of Engineering, Technology and Innovation] (Lisbon, PT)
INF	Intermediate-Range Nuclear Forces
INFCE	International Nuclear Fuel Cycle Evaluation
INFN	Istituto Nazionale di Fisica Nucleare (IT)
INGO	Intensivierte Gewässerüberwachungsorganisation
INI	[Dateinamenerweiterung: Programm-Initialisierungsdatei/file name extension: program initialization file]
INIE	Innovations in Nuclear Infrastructure and Education (DoE Program, USA)
INM	Institut National de Métrologie
INM	Integrated (or: Intermediate) Network Management (optische Telekommunikation/optical telecommunication)
INM	Integrated Noise Model (FAA)
INMAR	Intelligent Materials for Active Noise Reduction
Inmarsat	International Maritime Satellite Organization (gegründet/founded 1979)
INO	India-Based Neutrino Observatory
INOK	Institut für Nichtlineare Optik und Kurzzeitspektroskopie (Berlin, DE)
INP	Institut für Niedertemperatur-Plasmaphysik (Greifswald, DE)
INPAT	Integration des Patentwesens in die ingenieurmäßige wissenschaftliche Hochschulausbildung
INPI	Institut National de la Proprieté Industrielle (FR)
INPRO	International Project (on Innovative Nuclear Reactors and Fuel Cycles)
INQUA	International Union for Quarternary Research
INRA	International Research Associates
INRETS	Institut National de Recherche sur les Transports et leur Sécurité (FR)
INRIA	Institut National de Recherche en Informatique et en Automatique (FR)
INROS	Innovative Rotorsteuerung (Hubschrauber/helicopter)
INSA	Institut National des Sciences Appliquées (Lyon, FR)
InSAR	Interferometric Synthetic Aperture Radar
INSERM	Institut National de la Santé et de la Recherche Médicale

INSM	Initiative Neue Soziale Marktwirtschaft
INT	[Fraunhofer-] Institut für Naturwissenschaftlich-Technische Trendanalysen
INT	Information Notification Table (Telekommunikation/telecommunication)
Int., Intnl.	International
INT	IP/MAC Notification Table (für/for DVB-H)
INTAS	International Association for the Promotion of Cooperation with Scientists from the New Independent States (Internationale Assoziation zur Förderung der Zusammenarbeit mit Wissenschaftlern aus der früheren Sowjetunion) (Brüssel/Brussels, BE 1993)
INTEGRAL	International Gamma-Ray Astrophysics Laboratory (Satellit/satellite)
Intelsat	Intercontinental Telecommunication Satellite Organization
Internoise	International Congress on Noise Control Engineering
INT-MANUS	Intelligent Networked Manufacturing System
INTOR	International Tokamak Reactor (Fusionsreaktor/fusion reactor)
IntServ	Integrated Services (Telekommunikation/telecommunication)
IO	Britisches Territorium im Indischen Ozean/British Indian Ocean Territory (ISO 3166)
I/O	Input/Output
IOBB	Input Output, Broadband (Telekommunikation/telecommunication)
IOC	Intergovermental Oceanographic Commission (UNESCO)
IODP	Integrated Ocean Drilling Program
IODT	Inter-Operability Development Testing (Telekommunikation/telecommunication)
IOF	[Fraunhofer-] Institut für Angewandte Optik und Feinmechanik (Jena, DE)
IOI	International Olympics of Information
IOL	Intraokularlinse
IOM	Individual Ordinary Member (EPS etc.)
IOM	Institut für Oberflächenmodifizierung (Leipzig, DE)
IONDS	Integrated Operational Nuclear Detection System
IOP	The Institute of Physics (UK)
IOPP	Institute of Physics Publishing (Bristol, UK)
IÖR	Institut für ökologische Raumentwicklung (Dresden, DE)
IOS	International Organization for Standardization
IOSN	International Open Source Network
IOT	Inter Operability Test(ing), Interoperabilitätstest (Telekommunikation/telecommunication)
IOTA	Infrared-Optical Telescope Array (Mt. Hopkins, AZ, USA)
IOTA	Institut d'Optique Théorique et Appliquée (FR)
IOV	In-Orbit Validation (Galileo, 2008)
IOW	Institut für Ostseeforschung Warnemünde (Univ. Rostock, DE)
IP	Image Processing
IP	Integral Photography (TV)
IP	Intellectual Property
IP	Intelligence Platform
IP	Intentional Programming
IP	International Protection
IP	Internet Protocol (Rechnernetz/computer network)
IPA	[Fraunhofer-] Institut für Produktionstechnik und Automatisierung (Stuttgart, DE)
IPA	Intelligent Park Assist (Kfz-Einparkhilfe/vehicle)
IPA	Intelligent Pilot Assistant (DLR, Flugführung/flight control)
IPAB	International Publisher Advisory Board
IPAM	Interface Analysis at Atomic Level and Properties of Advanced Materials
IPAT	Impact, Population, level of Affluence, Technology (Gleichung zur Beschreibung umweltschädigender Auswirkungen menschlichen Verhaltens/equation describing human-induced environment pollution)
IPB	Institut für Pflanzenbiochemie (Halle/Saale, DE)
IPBC	Institut de Physiologie et Biologie Cellulaires (CNRS, Université de Poitiers, FR)
IPC	Integrated Plastic (or: Polymer) Circuit (Elektronik/electronics)
IPC	Integrated Pollution Control
IPC	Inter-Process Communication (Telekommunikation/telecommunication)
IPC	International Patent Classification
IP-CAN	IP Connectivity Access Network (Telekommunikation/telecommunication)
IPCC	Intergovernmental Panel on Climate Change
IPCC	International Professional Communication Conference
IPD	Institut für Polymerforschung (Dresden, DE)
IPD	Investment Property Datenbank
IPDC	Internet Protocol Device Control
IPDS	Institut für Phonetik und digitale Sprachverarbeitung (Kiel, DE)
IPF	Industrial Physics Forum (AIP)
IPF	Institut für Polymerforschung (Dresden, DE)
IPF	International Polar Foundation
IPFN	[Institute for Plasmas and Nuclear Fusion] (Lisbon, PT)
IPG	Information Power Grid (NASA)
IPHE	International Partnership for the Hydrogen Economy (seit/since 2003, 17 members, including EU and USA)
IPHT	Institut für Physikalische Hochtechnologie (oder: Photonische Technologien) (Jena, DE)
IPIDS	Intellectual Property Identification Data Set (Telekommunikation/telecommunication)
IPK	Institut für Pflanzengenetik und Kulturpflanzenforschung (Gatersleben, DE)
IPK	[Fraunhofer-] Institut für Produktionsanlagen und Konstruktionstechnik (Berlin, DE)
IPK	Internationaler Prototyp des Kilogramms
IPL	Information-Processing Language
IPL	Ionenprojektions-Lithographie
IPLS	IP-Only LAN Service (Telekommunikation/telecommunication)
IPM	[Fraunhofer-] Institut für Physikalische Messtechnik (Freiburg, DE)

IPM	Institute of Policy and Management (Chinese Academy of Sciences, Beijing)
IPMC	Ionic Polymer Metal Composite (Aktor für künstliche Muskeln etc./actuator, for artificial muscles etc.)
IPMP	Intellectual Property Management and Protection (Telekommunikation/telecommunication)
IPMS	[Fraunhofer-] Institut für Photonische Mikrosysteme (Dresden, DE)
IPMU	Institute for the Physics and Mathematics of the Universe (Japan)
IPMX	Internet Protocol Media Exchange (Telekommunikation/telecommunication)
IPN	Institut für die Pädagogik der Naturwissenschaften (Kiel, DE)
IPNM	IP Network Management (Telekommunikation/telecommunication)
IPNS	Intense Pulsed Neutron Source (Argonne National Laboratory, Illinois, USA)
IPO	Initial Public Offering
IPO	Institute for Perception Research (Eindhoven, NL)
IPoA	IP over ATM
IPP	Max-Planck-Institut für Plasmaphysik (Garching, DE)
IPR	Intelectual Property Rights
IPRC	Intellectual Property Rights Committee (TC im/in the ETSI)
IPS	In-Plane Switching (LCD mit beiden Pixelelektroden auf einer Seite, aufgeklappter Kondensator/LCD with both pixel electrodes on the same side, unfolded capacitor)
IPS	Instructions per Second
IPS	International Plutonium Storage
IPSC	Institute for the Protection and Security of Citizen
IPSD	Intensified Position-Sensing Detector
IPSE	Integrated Project Support Environment
IPSec	Internet Protocol Security (Telekommunikation/telecommunication)
IPSI	[Fraunhofer-] Institut für Integrierte Publikations- und Informationssysteme (Darmstadt, DE, aufgelöst/closed 2006)
IPSS	Information Processing Systems and Software (ESPRIT)
IPT	[Fraunhofer-] Institut für Produktionstechnologie (Aachen, DE)
IPTC	Internet Protocol Transformation Center
IPTS	Institute for Prospective Technological Studies (EU, Sevilla, ES)
IPTV	Internet Protocol Television
IP VPN	IP Virtual Private Network(s) (Telekommunikation/telecommunication)
IPX	Internetwork Packet Exchange (Telekommunikation/telecommunication)
IPY	International Polar Year (März/March 2007 – März/March 2009)
IQ	Irak/Iraq (ISO 3166)
IQEC	International Quantum Electronics Conference
IQHE	Integer Quantum Hall Effect
IQOQI	Institut für Quantenoptik und Quanteninformation (Wien, AT)
IR	Information Retrieval
IR	Infrared [Radiation]
IR	Iran (ISO 3166)
IRAM	Institute for Radio Astronomy at Millimeter Wavelengths (Grenoble, FR)
IRAS	Infrared Astronomy Satellite
IRB	[Fraunhofer-] Informationszentrum Raum und Bau
IRBM	Intermediate-Range Ballistic Missile
IRC	Internet Relay Chat (Rechnernetz/computer network)
IRCAM	Institut de Recherche et de Coordination Acoustique/Musique (Paris, FR)
IRCH	Ion Cyclotron Resonance Heating (Fusionsreaktortechnik/fusion reactor technology)
IRCS	Infrared Camera and Spectrograph
IRDA	Infrared Data Exchange
IRDAC	Industrial Research and Development Advisory Committee (EU)
IRDT	Inflatable Reentry and Descent Technology (Raumfahrt/spacecraft)
IRE	Institute of Radio Engineers (USA)
IRENA	Internatinal Renewable Energy Agency (Internationale Agentur für Erneuerbare Energien)
IRFU	Integrated Radio Frequency Unit (Telekommunikation/telecommunication)
IRI	Industrial Research Institute (Washington, DC, USA)
IRIC	Institute for Research in Immunology and Cancer (Montreal, CA)
IRIDIA	[Institute for] Interdisciplinary Research and Development in Artificial Intelligence (Esprit, Brüssel/Bussels, BE)
IRIS	Incorporated Research Institutions for Seismology (USA)
IRIS	Infrared Imaging Surveyor (Satellit/satellite)
IRM	Intelligent Resource Management
IRMM	Institute for Reference Materials and Measurements (Geel, BE)
IRR	Internal Rate of Return (Telekommunikation/telecommunication)
IRS	Institut für Regionalentwicklung und Strukturplanung (Berlin, DE)
IRS	Internal Reference Specification
IRS	International Revenue Service (USA)
IRS	Intrusion Response System (Firewall)
IRSI	Infrared Space Interferometry
IRSIX	Injury Severity Index (Insassensicherheit/passenger safety)
IRST	Infrared Search and Track (Radar)
IRSU	ISDN Remote Subscriber Unit (RSU mit ISDN-Möglichkeit/RSU with ISDN facility)
IRT	Integrated Receiver-Transmitter (Telekommunikation/telecommunication)
IRTF	Infrared Telescope Facility (Mauna Kea, Hawaii)
IS	Information Systems
IS	Integrated Services
IS	Island/Iceland (ISO 3166)
ISA	Industry-Standard Architecture
ISA	Integrated IP/SDH/ATM (or: STM/ATM) (Telekommunikation/telecommunication)
ISA	Integrated Service Adapter (Telekommunikation/telecommunication)
ISA	International Seabed Authority (UNO)

ISA	International Search Authority (Patente/patents)
ISAAC	Infrared Spectrometer and Array Camera (at the VLT of the ESO)
ISAF	International Security and Assistance Force
ISAM	Institut für Supercomputing und Angewandte Mathematik (Heidelberg, DE)
ISAM	Intelligent Services Access Multiplexer (or: Manager) (Telekommunikation/telecommunication)
ISAN	Integrität bei der Satellitennavigation
ISAR	Intelligentes System zur automatischen Radioskopie
ISARS	International Society for Acoustic Remote Sensing
ISAS	Institut für Spektrochemie und Angewandte Spektroskopie (Dortmund, DE)
ISAS	Institute of Space and Astronautical Science (Japan)
ISAT	Innovative Space Based Radar Antenna Technology (Satellitenprogramm/satellite program)
ISB	Intelligent Signalling Bus (Datennetz/data network)
ISBF	International Sonic Boom Forum
ISBI	International Symposium on Biomedical Imaging
ISBN	International Standard Book Number
ISC	[Fraunhofer-] Institut für Silicatforschung (Würzburg, DE)
ISC	Interactive Multimedia Service Control (Telekommunikation/telecommunication)
ISC	Interactive Supercomputing Conference (DE, seit/since 1986)
ISC	International Softswitch Consortium
ISCA	International Speech Communication Association
ISD	Integraton and Services Division
ISD	International Subscriber Dialing (Telekommunikation/telecommunication)
ISDB	Integrated Services Digital Broadcasting (Telekommunikation/telecommunication)
ISDB-S	Integrated Services Digital Broadcasting-Satellite (Telekommunikation/telecommunication)
ISDB-T	Integrated Services Digital Broadcasting-Terrestrial (Telekommunikation/telecommunication)
ISDN	Integrated Services Digital Network (Telekommunikation/telecommunication)
ISE	[Fraunhofer-] Institut für solare Energiesysteme (Freiburg, DE)
ISE	Integrated Switching Element (Telekommunikation/telecommunication)
ISE	Intelligent Synthesis Environment (NASA)
ISEF	International Science and Engineering Fair (seit/since 1950)
ISESCO	Islamic Educational, Scientific, and Cultural Organization
ISET	[Fraunhofer-] Institut für Solare Energieversorgungstechnik (Kassel, DE)
ISF	[Fraunhofer-] Institut für Schwingungsforschung (1956, später/later on: IITB)
ISF	International Science Foundation
ISFET	Ionen-sensitiver Feldeffekt-Transistor
ISFH	Institut für Solarenergieforschung, Hameln (DE)
ISFM	International Spent Fuel Management (Brennelement-Kontrolle)
ISG	Informationszentrum für Sexualität und Gesundheit (Freiburg/Br., DE)
ISH	Internationale Fachmesse Sanitär Heizung Klima (Frankfurt/M, DE)
ISI	Institut für Schicht- und Ionentechnik (Jülich, DE)
ISI	[Fraunhofer-] Institut für Systemtechnik und Innovationsforschung (Karlsruhe, DE)
ISI	Institute for Scientific Information (Philadelphia, PA, USA)
ISI	Intersymbol Interference
ISIC	International Student Identity Card
ISIM	Integrated Science Instrument Module (NGST)
ISIN	International Securities Identification Number
ISIS	Intelligentes Satellitendaten-Informationssystem (Fernerkundung/remote sensing)
IS-IS	Intermediate System–to–Intermediate System
ISIT	[Fraunhofer-] Institut für Siliziumtechnologie (Itzehoe, DE)
ISIT	[IEEE] International Symposium on Information Theory
ISITA	International Symposium on Information Theory and its Applications
ISL	Imperceptible Structured Light
ISL	Institut Franco-Allemand de Recherches de Saint-Louis, Deutsch-Französisches Forschungsinstitut Saint-Louis
ISL	Inter-Satellite Link (Telekommunikation/telecommunication)
ISM	In Situ Monitoring
ISM	Industrial Scientific Medical (433 MHz-Frequenzband/frequency band) und/and Bluetooth: 2,45 GHz-Band (lizenzfrei)/2.45 GHz band (license-free)
ISM	Interstellar Medium, Interstellares Medium
ISMA	International Symposium on Musical Acoustics
ISN	Institut des Sciences Nucléaires (Grenoble, FR)
ISNA	International Symposium on Nonlinear Acoustics
ISNR	Improvement in SNR (Bildverarbeitung/picture processing)
ISNS	Inside Science News Service (AIP Service)
ISO	Infrared Space Observatory (1995)
ISO	International Standards (or: Standardization) Organization
ISOL	Isospin Separation Online
ISOL	Isotope Separator Online
ISOLDE	Innerstädtischer Service mit optimierten logistischen Dienstleistungen
ISORAC	Infrared Spectroscopy of Ozone and Related Atmospheric Constituents
ISOS	Internet-Spanning Operating System (noch hypothetisch/still hypothetical)
ISO/SR	ISO Search Retrieval
ISP	In-System Programmable (Devices)
ISP	Internet Service Provider
ISPR	International Standard Payload Rack (Raumfahrt/spacecraft)
ISPRAM	In Situ Processing of Aluminium Matrix Composites
ISR	Integrated Switch Router (Internet)
ISR	Intelligence, Surveillance, Reconnaissance (Satelliten/satellites)

ISR	Initial Submission Rate (Datennetz/data network)
ISRA	ICA Satellite Symposium on Room Acoustics (ICA: International Congress on Acoustics)
ISRN	International Standard Technical Report Number
ISRU	Industrial Statistics Research Unit
ISS	International Space Station
ISSCC	[IEEE] International Solid-State Circuits Conference
ISSN	International Standard Series Number
ISSPA	International Symposium on Signal Processing and its Applications
ISSS	International Society of Soil Sciences
ISST	[Fraunhofer-] Institut für Software- und Systemtechnik (Dortmund, DE)
ISSTA	[IEEE] International Symposium on Spread Spectrum Techniques and Applications
IST	Information Society Technologies
IST	[Fraunhofer-] Institut für Schicht- und Oberflächentechnik (Braunschweig, DE)
IST	Internal Set Theory (Interne Mengenlehre)
ISTC	International Science and Technology Center (Moscow, RU)
ISTP	Information Society Technologies Programme
ISTR	Inverse Sequence-Tagged Repeat (DNA Marker-Technik/marker technology)
ISUP	ISDN User Part
ISV	Independent Software Vendor
ISVR	Institute of Sound and Vibration Research (University of Southampton, UK)
ISVR	Instrument Science Verification Review (FIRST)
ISX-B	Impurity Studies Experiment B (Fusionsreaktortechnik/fusion reactor technology, Oak Ridge, USA)
ISY	International Space Year (1992)
IT	Information Technology, Informationstechnik
IT	Italien/Italy (ISO 3166)
ITA	[Fraunhofer-] Institut für Toxikologie und Aerosolforschung (Hannover, DE; ab/since 2003: ITEM)
ITAEG	Information Technology Advisory Experts Group
ITB	Internationale Tourismusbörse (Berlin, DE)
ITC	inferior-temporaler Cortex
ITC	Infotonics Technology Centre (Rochester, GB)
ITC	International Trade Commission
ITC	International Typeface Corporation
ITD	Interaural Time Difference (Richtungshören/directional hearing)
ITEA	Information Technology for European Advancement
I-TEC	Innovations- und Technologie-Eigenkapital (EU-Programm)
ITEM	[Fraunhofer-] Institut für Toxikologie und Aerosolforschung (Hannover, DE; bis/until 2002: ITA)
ITER	International Thermonuclear Experimental Reactor (Fusionsreaktortechnik/fusion reactor technology)
ITF	Infrared Telescope Facility (Mauna Kea, HI, USA)
ITFS	Instructional TV Fixed Service
ITG	Informationstechnische Gesellschaft (im/in the VDE)
ITGS	Intelligent Traffic Guidance System (Tokio, JP)
ITiS	Informations-Technik in Schiffen
ITLR	Institut für Thermodynamik der Luft- und Raumfahrt (Univ. Stuttgart, DE)
iTMC	Ionic Transition Metal Complex
ITO	Indium Tin Oxide
ITR	Inverted Terminal Repeats (Genetik/genetics)
ITRF	International Terrestrial Reference Frame (Geodäsie/geodesy)
ITRI	Industrial Technology Research Institute (Taiwan)
ITRI	Inhalation Toxicology Research Institute (Albuquerque, NM, USA)
ITRM	Iterative Time Reversal Mirror
ITRS	International Technology Roadmap for Semiconductors
ITS	Intelligent Transport(ation) Systems
ITS	Intelligentes Tutorsystem
ITS	Interoperability Tool Set (Telekommunikation/telecommunication)
ITSEC	Information Technologies Security Evaluation Criteria (Telekommunikation/telecommunication)
ITSP	Internet Telephony Service Provider
ITS-90	International Temperature Scale of 1990
ITU	[Fraunhofer-] Institut für Toxikologie und Umwelthygiene (München, DE)
ITU	Institute for Transuranium Elements (Karlsruhe, DE)
ITU	International Telecommunication(s) Union (Genf, CH)
ITU-R	ITU Radiocommunication Sector
ITU-T	ITU-Telecommunications
ITU-TS	ITU Telecommunication Standards
ITW	[IEEE] Information Theory Workshop
ITWM	[Fraunhofer-] Institut für Techno- und Wirtschaftsmathematik (Kaiserslautern, DE)
IUAES	Union of Anthropological and Ethnological Sciences
IUCAF	Inter-Union Commission on the Allocation of Frequencies for Radio and Space Sciences
IUCN	International Union for the Conservation of Nature (and Natural Resources)
IUCr	International Union of Crystallography
IUCT	[Fraunhofer-] Institut für Umweltchemie und Ökotoxikologie (Schmallenberg, DE)
IUE	International Ultraviolet Explorer (Satellit/satellite)
IUGG	International Union of Geodesy and Geophysics
IuK	Information und Kommunikation (eine Initiative der wissenschaftlichen Fachgesellschaften/an initiative of German scientific societies)
IUPAC	International Union of Pure and Applied Chemistry
IUPAP	International Union of Pure and Applied Physics
IUPUI	Indiana University – Purdue University at Indianapolis
IUT	Institut Universitaire de Technologie

IUTA	Institut für Umwelttechnologie und Umweltanalytik (Duisburg, DE)
IUTAM	International Union of Theoretical and Applied Mechanics
IUVSTA	International Union for Vacuum Science, Technique, and Applications
IVAS	Internet Value Added Services
IVF	In Vitro Fertilization
IVH	Institut für Verkehrswirtschaft (Hannover, DE)
IVI	[Fraunhofer-] Institut für Verkehrs- und Infrastruktursysteme
IVI	Interchangeable Virtual Instrument (für vernetzte Messinstrumente)
IVI-C	Interchangeable Virtual Instrument based on ANSI C
IVI-COM	Interchangeable Virtual Instrument for Compatibility with Component Object Model Technology
IVK	Intelligente Verteilerkästen
IVM	Industrie-Verband Motorrad e.V.
IVoD	Interaktives Video on Demand
IVPN	International Virtual Private Network (Telekommunikation/telecommunication)
IVR	Interactive (or: Integrated) Voice Response
IVS	Infrared Vision System
IVSE	Information and Voice Services Environment (Telekommunikation/telecommunication)
IVTIP	In Vitro Testing Industrial Platform
IVUS	Intravascular Ultrasound (Chirurgie/surgery)
IVV	[Fraunhofer-] Institut für Verfahrenstechnik und Verpackung (München, DE, ab 1.1.98/since Jan. 1, 1998, vorher/formerly: ILV)
IWAENC	International Workshop on Acoustic Echo and Noise Control
IWARD	Intelligent Robot Swarm for Attendence, Recognition, Cleaning and Delivery (Krankenhausroboter/hospital robots, EU project)
IWES	[Fraunhofer-] Institut für Windenergie und Energiesystemtechnik
IWF	Institut für Werkzeugmaschinen und Fabrikbetrieb (TU Berlin, DE, 1904)
IWF	Institut für Wild- und Zootierforschung (Berlin, DE)
IWF	Institut für den Wissenschaftlichen Film (Göttingen, DE)
IWF	Internationaler Währungsfonds
IWF	Interworking Function (Telekommunikation/telecommunication)
IWH	Institut für Wirtschaftsforschung Halle (DE)
IWM	[Fraunhofer-] Institut für Werkstoffmechanik (Freiburg, DE)
IWMI	International Water Management Institute (Sri Lanka)
IWR	Interdisziplinäres Zentrum für Wissenschaftliches Rechnen (Univ. Heidelberg, DE)
IWRB	International Waterfowl Research Bureau
IWS	[Fraunhofer-] Institut für Werkstoff- und Strahltechnik (Dresden, DE)
IWS	Institut für Werkstoffphysik und Strukturforschung
IWTZ	Internationales Wissenschafts- und Technik-Zentrum (Moskau/Moscow, RU)
IWU	[Fraunhofer-] Institut für Werkzeugmaschinen und Umformtechnik (Chemnitz und Dresden, DE)
IWU	Inter Working Unit
IWZ	Informationszentrum Wärmepumpen und Kältetechnik
IXC	Inter-Exchange Carrier (Telekommunikation/telecommunication)
IYPT	International Young Physicists Tournament
IZB	Informationszentrum Benchmarking (am/at the IPK)
IZE	Informationszentrale der Elektrizitätswirtschaft
IZF	Instituut voor Zintuigfysiologie (TNO, Soesterberg, NL) (Zintuig: Sinnes...)
IZFP	[Fraunhofer-] Institut für zerstörungsfreie Prüfverfahren (Saarbrücken, DE)
IZI	[Fraunhofer-] Institut für Zelltherapie und Immunologie (Leipzig, DE)
IZM	[Fraunhofer-] Institut für Zuverlässigkeit und Mikrointegration (Berlin und München, DE)
IZT	Innovationszentrum für Telekommunikationstechnik (Erlangen, DE)
IZT	Institut für Zukunftsstudien und Technologiebewertung (Berlin, DE)
I2CAM	International Institute for Complex Adaptive Matter
I^2C	Inter Integrated Circuit

J

J.	Journal
JACC	Joint Automatic Control Conference
JACS	Journal of the American Chemical Society
JAERI	Japan Atomic Energy Research Institute
JAIN	JAVA for IN (Telekommunikation/telecommunication)
JAIST	Japan Advanced Institute of Science and Technology (Ishikawa, JP)
JAN	Joint Army-Navy
JARA	Jülich-Aachen Research Alliance
JASA	Journal of the Acoustical Society of America
JavaME	Java Micro Edition (Programmiersprache/programming language)
JAXA	Japan Aerospace Exploration Agency
JCAHO	Joint Commission on Accreditation of Health Care Organizations (USA)
JCP	Journal of Chemical Physics
JCT	Joint Central Team (ITER)
JCT	Junction (US Mail)
JD	Joint Demodulation (DARP, Telekommunikation)
JDBC	JAVA Database Connectivity (Telekommunikation/telecommunication)
JDEM	Joint Dark Energy Mission (Astrophysik/astrophysics)
JDK	JAVA Development Kit
JDMK	JAVA Dynamic Management Kit (Telekommunikation/telecommunication)
JECC	Joint ETSI/ECMA Committee (TC im/in the ETSI)
JEDEC	Joint Electronic Device Engineering Council

JEIDA	Japan Electronic Industry Development Association
JEITA	Japan Electronics and Information Technology Industries Association
JEM	Just-Enough Metrology
JEOS	Journal of the European Optical Society
JEP	Joint European Project
JES	JAVA Embedded Server
JESSI	Joint European Submicron Silicon
JET	Joint European Torus (Fusionsreaktortechnik/fusion reactor technology, Culham, Oxford, GB)
JETEC	Joint Electron Tube Engineering Council
JETRO	Japanese External Trade Organization
JFT-2M	Japan Atomic Energy Research Institute (Fusionsreaktortechnik/fusion reactor technology, Tokai, JP)
JGHF	Johann-Gottfried-Herder-Forschungsrat (Marburg, DE)
JGI	Joint Genome Institute (USA)
JGOFS	Joint Global Ocean Flux Study (or: Survey)
JHH	Johns Hopkins Hospital (Baltimore, MD, USA)
JHP	Japan Hadron Project (Protonenbeschleuniger/proton accelerator)
JHPSSL	Joint High-Power Solid-State Laser
JHU	Johns Hopkins University (Baltimore, MD, USA)
JHUAPL	Johns Hopkins University Applied Physics Laboratory (Baltimore, MD, USA)
JICST	Japan Information Center of Science and Technology (Datenbank/data bank)
JIDM	Joint Interdomain Management (Telekommunikation/telecommunication)
JIF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
JIF	Joint Infrastructure Fund (UK)
JILA	Joint Institute for Laboratory Astrophysics (Boulder, CO, USA)
JINR	Joint Institute for Nuclear Research (Dubna, RU)
JLC	Japanese Linear Collider
JM	Jamaika/Jamaica (ISO 3166)
JMS	Java Message Service
JMX	JAVA Management Extensions
JNR	Journal of Negative Results
JNX	Japan Network Exchange
JO	Jordanien/Jordan (ISO 3166)
Joides	Joint Oceanographic Institutions for Deep Earth Sampling (Zusammenschluss von Meeresforschungsinstituten/cooperation of marine research institutes)
JOIN	Jena Optical Innovations
JOSA	Journal of the Optical Society of America
JP	Japan (ISO 3166)
JPEG	Joint Photographic (or: Pictures) Expert Group (Bildcodierung/picture coding)
JPG	→ JPEG [Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
JPI	Joint Probability Image
JPL	Jet Propulsion Laboratory (Pasadena, CA, USA)
JPPC	Joint Probability Projection Centroid
JPPV	Joint Probability Projection Vector
JPS	Physical Society of Japan
JQI	Joint Quantum Institute (in Maryland, USA)
JRC	Joint Research Centre (EU)
JRDC	Japanese Research and Development Corporation
JRS	Japanese Rocket Society
JRSE	Journal of Renewable and Sustainable Energy
JSAP	The Japan Society of Applied Physics
JSASS	Japan Society for Aeronautical and Space Sciences
JSC	Johnson Space Center (USA)
JSME	Japan Society of Mechanical Engineers
JSNS	Japan Spallation Neutron Source
JSP	JAVA Server Pages
JSPMI	Japan Society for the Promotion of Machine Industry
JSPS	Japan Society for the Promotion of Science
JSR	Java Content Repository (Informationsverarbeitung/information processing)
JSS	Java Script Style
JST	Japan Science and Technology Corporation (or: Agency)
JSTOR	Journal Storage (Online-Archiv/online archive)
JSU	Jackson State University (Jackson, MO, USA)
JSUP	Japan Space Utilization Promotion Center
JTC	EBU/ETSI Joint Technical Committee (TC im/in the ETSI)
JTEC	Japanese Technology Evaluation Center
JTI	Joint Technology Initiative (EU)
JT-60	Japan Atomic Energy Research Institute (Fusionsreaktortechnik/fusion reactor technology, Naka, Japan)
JULIE	Jena University Language & Information Lab (Literaturrecherche/literature retrieval)
JV	Joint Venture
JVC	Japanese Victor Company
JVM	Java Virtual Machine
JWST	James Webb Space Telescope (Nachfolger des Hubble Space Teleskops für Infrarot, geplant für 2013/successor of the Hubble Space Telescope for infrared, planned for 2013)
J2EE	Java 2 Enterprise Edition
J2SE	Java 2 Standard Edition

K

KAI	Koordinierungs- und Aufbauinitiative e.V. [für die Forschung in Berlin und den neuen Bundesländern]

KAI-AdW	Koordinierungs- und Abwicklungsstelle für die Akademie der Wissenschaften
KAIST	Korea Advanced Institute of Science and Technology
KAM-Theorie	Kolmogorov-Arnold-Moser–Theorie (nichtlineares Schwingungssystem/nonlinear oscillator), [Andrej] Kolmogorov – [Wladimir] Arnold – [Jürgen] Moser
KAS	Kanalserver
KASCADE	Karlsruhe Shower Core and Array Detector (für kosmische Strahlung, seit 1996/for cosmic rays, since 1996)
KASI	Korea Astronomy and Space Science Institute
KASSA	Knowledges Assessment and Sharing on Sustainable Agriculture (28 partners in 17 countries)
KATHY	Key Authentication
KATRIN	Karlsruhe Tritium Neutrino Experiment
KAUST	King Abdullah University of Science and Technology (SA)
KAVA	Kommission für Allgemeine und Vergleichende Archäologie (Bonn, DE)
KB	Knowledge Base
KB-CAD	Knowledge-Based Computer-Assisted Detection (Krebsdiagnose/cancer diagnostics)
KBO	Kuiper Belt Object (Astronomie/astronomy)
kbps	kilobit/Sekunde (= 1024 Bits/sec)
KDC	Key-Distribution Center
KDE	K Desktop Environment
KDI	Keybord and Display
KDM	Konsortium Deutsche Meeresforschung
KDP	Kaliumdihydrogenphosphat
KDT	Kammer der Technik (Ostdeutsche Ingenieure)
KDV	Kriegsdienstverweigerer
KE	Kenia/Kenya (ISO 3166)
KE	Kentucky (US-Staat/US state)
KEG	Kommission der Europäischen Gemeinschaften
KEGG	Kyoto Encyclopedia of Genes and Genomes
KEK	[National Laboratory for High-Energy Physics] (Tsukuba, JP)
KEMAR	Knowles Electronics Manikin for Acoustic Research
KEOPS	Kerguelen Ocean and Plateau Compared Study
KEOPS	Krystal European in-Orbit Positioning System
KEP	Kurier, Express, Paket
KET	Komitee für Elementarteilchenphysik
KF	Kalman Filter
KFA	Forschungszentrum Jülich (DE)
KFC	Konferenz der Fachbereiche Chemie
KfK	Kernforschungszentrum Karlsruhe (DE)
KFN	Komitee für die Forschung mit Neutronen
KFOR	Kosovo Force (since June 12, 1999)
KFP	Konferenz der Fachbereiche Physik der Deutschen Hochschulen
KfW	Kreditanstalt für Wiederaufbau
Kfz	Kraftfahrzeug
KG	Kirgisien/Kyrgyz Republic (ISO 3166)
KGN	Körperschall-Geräuschnormal
kgV	kleinstes gemeinsames Vielfaches
KH	Kambodscha/Cambodia (ISO 3166)
KHC	Kinesin Heavy Chain (Biophysik/biophysics)
KHK	Koronare Herzkrankheit
KHM	Kunsthochschule für Medien (Köln, DE)
KI	Kiribati (früher Gilbertinseln/former Gilbert Islands) (ISO 3166)
KI	künstliche Intelligenz
KIC	Knowledge and Innovation Communities (EU)
KIE	Kintetsu International Express (Übersee-Büros von KNT/oversea bureaus of KNT)
KIF	Knowledge Interchange Format
KIS	Kiepenheuer-Institut für Sonnenphysik (Freiburg, DE)
KIS	Knowbot Information Service (Rechnernetz/computer network)
KIS	Kontaktstellen-Informations-Service
KIS	Krankenhausinformationssystem
KIST	Korean Institute for Science and Technology
KIT	Karlsruhe Institute of Technology (DE)
KITP	Kavli Institute for Theoretical Physics (University of California, Santa Barbara, USA)
KITPC	Kavli Institute for Theoretical Physics China (Beijing, CN)
KKK	Kryo-Kanal Köln (DLR, Köln, Porz-Wahnheide, DE)
KKW	Kernkraftwerk
KL	Karhunen-Loève (Transformation)
KL	Kathodenlumineszenz
KL	Kullback-Leibler (Informationskriterium/information criterion)
KL	künstliches Leben
KLC	Kinesin Light Chain (Biophysik/biophysics)
KLS	Kommission für Lehre und Studium
KM	Komoren/Comoros (ISO 3166)
KMB	Key Management Block (Telekommunikation/telecommunication)
KMG	Koordinatenmessgerät
KMI	Knowledge Media Institute (UK, Fernuniversität/open university)
KMI	Körpermasse-Index (= BMI = M/L^2, M: Körpermasse/body mass, L: Körperlänge/body height) (Optimum: 20 ... 25 kg/m^2)
KMK	Ständige Konferenz der Kultusminister der Länder in der Bundesrepublik Deutschland
KMU	kleine und mittlere Unternehmen (bis 1000 Beschäftigte/up to 1000 employees) [= SME]

KN	St. Kitts und/and Nevis (ISO 3166)
KNN	künstliches neuronales Netz(werk)
KNT	Kinki Nippon Tourist (Japanisches Tourismus-Unternehmen/Japan tourist business)
KORE	Koinzidenzrefraktometer (Ophthalmologie/ophthalmology)
KOSEF	Korea Science Engineering Foundation
KOSIMO	Konfliktsimulationsmodell (Institut für Politische Wissenschaft, Heidelberg, DE)
KOWI	Koordinierungsstelle (EG) der Wissenschaftsorganisationen (der Bundesrepublik Deutschland, Bonn, DE) (EU)
KP	Volksrepublik Korea/People's Republic of Korea (ISO 3166)
KPCA	Kernel Principal Component Analysis
KPGLB	Königlich Preußische Geologische Landesanstalt und Bergakademie
KPI	Key Performance Indicator (Telekommunikation/telecommunication)
KQML	Knowledge, Query and Manipulation Language
KR	Kommunikationsrechner
KR	Republik Korea/Republic of Korea (ISO 3166)
KS	Kansas (US-Staat/US state)
KSC	Kennedy Space Center (Florida, USA)
KSE	Konventionelle Streitkräfte in Europa (Vertrag über …)
KSTAR	Korean Superconductivity Tokamak Advanced Research (Fusionsreaktorprojekt/fusion reactor project)
KSZE	Konferenz über Sicherheit und Zusammenarbeit in Europa
KTB	Kontinentales Tiefbohrprogramm der Bundesrepublik Deutschland (= ICDP)
KTG	Kerntechnische Gesellschaft
KTH	Kungliga Tekniska Högskolan (Königliche Technische Hochschule/Royal Technical Highschool, Stockholm, SE)
KTP	Kaliumtitanylphosphat
KTP	Kontinentales Tiefbohrprogramm
KVK	Krankenversicherungskarte
KVN	Kassenärztliche Vereinigung Niedersachsen (in Hannover, DE)
KW	Kuwait (ISO 3166)
KWG	Kaiser-Wilhelm-Gesellschaft zur Förderung der Wissenschaften
KWI	Kaiser-Wilhelm-Institut
KWIC	Keyword in Context Index („permutierter Index"/permutated index)
KWK	Kraft-Wärme-Kopplungs-Gesetz
KWU	Keypad Wake-Up (Datenverarbeitung/data processing)
KWU	Kraftwerk Union
KY	Kaiman-Inseln/Cayman Islands (ISO 3166)
KZ	Kasachstan/Kazakhstan (ISO 3166)

L

LA	Laos/Lao People's Democratic Republic (ISO 3166)
LA	Local Authority
LA	Lousiana (US-Staat/US state)
LAAPD	Large-Area Avalanche Photodiode
LAC	Location Area Code (Mobilfunk/mobile radio)
LAC	Low Authority Control (Regelungstechnik/control theory)
LACONA	Lasers in the Conservation of Artworks (Tagungsserie/Conference series)
LACP	Link Aggregation Control Protocol (Telekommunikation/telecommunication)
LADAR	Laser-Radar
LAGUNA	Large Apparatus Studying Grand Unification and Neutrino Astrophysics (Neutrino-Detektor/neutrino detector)
LA-ICP	Laser Ablation – Inductively Coupled Plasma (Massenspektrometrie/mass spectrometry)
LAK	Lymphokine Activated Killer (Zellen/cells)
LAM	Local Area Multicomputer
LAMA	Large-Aperture Mirror Array (von/of LZTs)
LAMPF	Los Alamos Meson Physics Facility
LAMS	Load Alleviation and Mode Stabilization (Flugzeug/aircraft)
LAN	Local Area Network (Rechnernetz/computer network)
LANE	Local Area Network Emulation (Telekommunikation/telecommunication)
LANL	Los Alamos National Laboratory (NM, USA)
LANSCE	Los Alamos Neutron Science Center (LANL)
LAO	Lanthanaluminat, $LaAlO_3$
LAP	LAN Access Point
LAPCAT	Long Term Advanced Propulsion Concepts and Technologies (Überschall-Passagierflugzeug/supersonic passenger aircraft)
LaRC	Langley Research Center (NASA)
LARC	Livermore Automatic Research Computer (1955)
LAS	Laser Absorption Spectroscopy
LAS	Lateral Active Suspension
LAS	Launch Abort System (Raumfahrt/spacecraft)
LASCO	Large Angle Spectroscopic Coronograph (an Bord von/aboard SOHO)
LASE	Lasers and Applications in Science and Engineering
Laser	Light Amplification by Stimulated Emission of Radiation
LASIK	Laser-Assisted in situ Keratomileusis (Augenchirurgie/eye surgery)
LASSI	Laser Airspeed Sensor Instrument
LASSO	Langfristige Anwendungen seilgefesselter Systeme im Orbit
LATAM	Latin America
LAV	Lymphadenopathie-assoziiertes Virus
LB	Libanon/Lebanon (ISO 3166)
LBA	Low-Band Antenna (Astrophysik/astrophysics)
LBA	Luftfahrtbundesamt (DE)
LBAT	Late Babylonian Astronomical Texts
LBC	Large Binocular Camera (beim/at the LBT)

LBD	[Dateinamenerweiterung: Microsoft Access-Lockdatei/file name extension: Microsoft access lock file]
LBEG	Landesamt für Bergbau, Energie und Geologie (Hannover, DE)
LBF	[Fraunhofer-] Institut für Betriebsfestigkeit (seit/since 2004: und Systemzuverlässigkeit) (Darmstadt, DE)
LBG	Lautsprachbegleitende Gebärden
LBL	Lawrence Berkeley Laboratory (CA, USA)
LBNL	Lawrence Berkeley National Laboratory (Berkeley, CA, USA)
LBNP	Lower Body Negative Pressure (Fitness)
LBO	Lithium(tri)borat (nichtlinearer Kristall/nonlinear crystal)
LBS	Landesbausparkasse
LBS	Location-Based Services (Telekommunikation/telecommunication)
LBSF	Local Back Surface Field (Solarzellen/solar cells)
LBT	Large Binocular Telescope (Steward Observatory, Mount Graham, AZ, USA)
LBT	Listen before Talk (Telekommunikation/telecommunication)
LC	Link Control (Telekommunikation/telecommunication)
LC	Liquid Chromatography
LC	St. Lucia (ISO 3166)
LCA	Life Cycle Assessment (Fahrzeugentwicklung/vehicle development)
LCA	Liquid Crystal Array
L-Camp	Linearized Channel Amplifier (Satelliten/satellites)
LCAS	Link Capacity Adjustment Scheme (Telekommunikation/telecommunication)
LC-ATC	Low Complexity Adaptive Transform Codec (Musikkompression/music compression)
LCD	Liquid Crystal Display
LCE	Liquid-Crystal Elastomers
LCG	Large Hadron Collider Computing Grid (CERN)
LCH	Lightness-Chroma-Hue (Bildverarbeitung/picture processing)
LCLS	LINAC Coherent Light Source (at SLAC)
LCNP	Lawyers' Committee on Nuclear Policy (USA)
LCOS	Liquid Crystal on Silicon (Chip)
LCP	Liquid Crystal Polymer
LC-PCF	Liquid Crystal Photonic Crystal Fibre
LCR	Low Chip Rate (Telekommunikation/telecommunication)
LCS	Line Connection Subsystem (Datennetz/data network)
LCS	Location Services (Telekommunikation/telecommunication)
LCSI	Low-Coherence Speckle Interferometry
LCT	Large Coil Task (Karlsruhe, DE)
LCTC	Low Cost Tooling for Composites
LCU	Local Communications Unit
LCVD	Laser Chemical Vapor Deposition
LCX	Leaky Coaxial Cable
LD	Laser Diode, Laserdiode
LD	letale Dosis
LDA	Laser Doppler Anemometer, Laser Doppler Anemometry
LDA	Linear Discriminant Analysis (Signalanalyse/signal analysis)
LDA	Low-Density Amorphous (ice)
LDAP	Lightweight Directory Access Protocol (Telekommunikation/telecommunication)
LDC	Least Developed Countries
LDC	Low Duty Cycle (Telekommunikation/telecommunication)
LDF	Local Density Functional
LDL	Low-Density Lipoprotein („schlechtes" Cholesterin/ "bad" cholesterol)
LDL	Low-Density Liquid
LDM	Laser Diode Module
LDMOS	Lateral Diffused Metal Oxide Silicon (Halbleiter/semiconductor)
LDP	Label Distribution Path (or: Protocol) (Telekommunikation/telecommunication)
LDPC	Low Density Parity Check
LDPE	Low Density Polyethylene
LDR	Large Displayable Reflector (Satelliten/satellites)
LDS	Lower-Data-Strobe (Atari)
LDV	Laser Doppler Velocimetry (or: Vibrometer, or: Vibrometry)
LE	Large Enterprise
LEAF	Large Effective Area Fibre (optische Telekommunikation/optical telecommunication)
LEAP	Lasers and Electro-Optics Application Program (CLEO/LEAP)
LEAP	Lightweight Extensible Agent Platform (Agenten-Plattform für Mobiltelefone/for mobile phones)
LEAP	Lightweight Extensible Authentication Protocol
LEAR	Low Energy Antiproton Ring (CERN)
LEBU	Large Eddy Break-up Device
LEC	Laboratory Expertise Center (USA)
LEC	Light-Emitting Electrochemical Cell
LEC	Liquid Encapsulated Czochralski (Kristallzuchtverfahren/crystal growing method)
LEC	Local Exchange Carrier (Telekommunikation/telecommunication)
LECIS	Laboratory Equipment Control Interface Specification
LECM	Local Enforced Copy Management (Telekommunikation/telecommunication)
LED	Light-Emitting Diode
LEED	Leadership in Energy and Environmental Design (USA)
LEED	Low Energy Electron Diffraction
LEEM	Low Energy Electron Microscopy
LEHGS	Local Electrical Hydraulic Generation System (Flugzeuglandung und -steuerung/for aircraft landing and steering systems)
LEI	Laser Enhanced Iionization
LEI	Local Employment Initiatives for Women (EU)

LEM	Local Element Manager (Communication)
LEMS	Long End Multiple System (militärisches Aufklärungssystem/military surveillance, USA)
LEN	Laboratoire Energie Nuisances (part of INRETS)
LENS	[Laserforschungslaboratorium, Florenz, IT]
LEO	Low Earth Orbit (Satellit/satellite)
LEOP	Launch and Early Orbit (or: Operation) Phase (Satelliten/satellites)
LEOS	Lasers and Electro-Optics Society (IEEE)
LEP	Large Electron Positron Collider (CERN)
LEP	Life Extension Program (USA, für Waffen/for weapons)
LEP	Light-Emitting Polymer
LER	Label Edge Router (Telekommunikation/telecommunication)
LES	Large Eddy Simulation (Wettervorhersage, Verbrennungsvorgänge etc./weather forecast, internal combustion etc.)
LES	Livraison Electronique Sécurisée
LEST	Large Earth-Based Solar Telescope
LET	Linear Energy Transfer
LETI	[Forschungslaboratorium der CEA in Grenoble, FR]
LEU	Low-Enriched Uranium (niedrig angereichertes Uran)
LF	Low Frequency (30 – 300 kHz)
LFA	Low Frequency Active (Sonar)
LFC	Laminar Flow Control
LFE	Low-Frequency Effects (UHDTV)
LFF	Low-Frequency Fluctuations
LFM	Lateral Force Microscopy
LFP	Local Flat Panel
LFSR	Linear Feedback Shift Register
LFT	Langfaserverstärkte Thermoplaste
LG	Laguerre-Gaussian (Spiral-Lasermode/helical laser mode)
LGPL	Lesser General Public License
LH	Left Hand
LH	Long Haul (Telekommunikation/telecommunication)
LHASA	Logic and Heuristics Applied to Synthetic Analysis
LHC	Large Hadron Collider (CERN, Konstruktion seit/construction since 2004, fertig/ready 2008)
LHCb	LHC Beauty
LHCC	LHC Committee
LHD	Large Helical Device (NIFS)
LHD	Left Hemisphere Damage (Gehirn/brain)
LHF	Local Hidden Variable (Quantentheorie/quantum theory)
LI	Liechtenstein (ISO 3166)
LIA	Laser Institute of America (Toledo, OH, USA)
LIB	Lithium-Ion Battery, Lithium-Ionen Batterie
LIBS	Laser-Induced Breakdown Spectroscopy
LIBWE	Laser-Induced Backside Wet Etching
LIC	Local Interstellar Cloud
LID	Local Injection and Detection (Communication)
LIDAR	Light Detection and Ranging
LIF	Laser Induced Fluorescence
LIF	Location Interoperability Forum (Telekommunikation/telecommunication)
LIF-ENSTA-X	[Laserforschungslaboratorium, Palaiseau, FR]
LIGA-Verfahren	Lithographie, Galvanoformung, Abformtechnik [Röntgentiefen**li**thographie mit Synchrotronstrahlung, kombiniert mit **g**alvanischer Metallabscheidung und verschiedenen **A**bformprozessen]
LIGO	Laser Interferometer Gravitational Wave Observatory (Livingston, LA, USA, Einweihung/opening: November 1999, Messungen ab/measurements since 2002)
LIL-PW	Laser Integration Line – Petawatt (Bordeaux, FR, geplant für/planned for 2008)
LIM	Line Interface Module
LIMA	Landsat Image Mosaic of Antarctica
LIMS	Laboratory Information Management System, Labor-Informations- und Managementsystem (Qualitätssicherung/quality assurance)
LIMS	Laser-Ionenmobilitätsspektrometer
LIN	Local Interconnect Network (Kfz-Technik/vehicle technology)
LINAC	Linear Accelerator (50 GeV, Stanford, SLAC)
LINC-NIRVANA	LBT Interferometric Camera – Near-Infrared Visible Adaptive Interferometer for Astronomy
LINEAR	Lincoln Near Earth Asteroid Research (NASA program)
LINES	Long Interspaced Nuclear Elements (Genetik/genetics)
LIPA	Long Island Power Authority (USA)
LIPCA	Lightweight Piezo-Composite Actuator
LIPS	Light Intensity Pressure Sensor
LIS	Literaturversorgungs- und Informationssysteme
LISA	Laser Interferometer Space Antenna (Gravitationswellendetektor aus 3 Satelliten, geplant für 2011/gravitational wave detector with 3 satellites, planned for 2011)
LISB	Leit- und Informationssystem Berlin (Verkehrsführung/traffic control)
LISM	Local Interstellar Medium
LISNA	Light-Induced Scattering Around a Nano-Absorber
LISP	List Programming (or: Processing)
LiST	Laser-induziertes Spannungs-Trennverfahren (Glasschneiden/glass cutting)
LIT	Landesbetrieb für Informationstechnik (Berlin, DE)
LITE	Lidar-in-Space Technology
LITT	Laser-Induced Interstitial Thermo-Therapy, Laserinduzierte interstitielle Thermotherapie (Krebsbehandlung/cancer therapy)
LIVA	Light-Induced Voltage Alteration

LK	Lake (US Mail)
LK	Leistungskurs
LK	Sri Lanka (früher/former Ceylon) (ISO 3166)
LKA	Landeskriminalamt
LKEs	Lang-Kobayashi Equations (nichtlineare Dynamik/nonlinear dynamics)
LKH	Landeskrankenhaus
LKS	leichte kognitive Störungen (Alzheimer-Vorstadium, = MCI)
LL	Leased Line (Telekommunikation/telecommunication)
LL	Leichte Löcher (Halbleiterphysik/semiconductor physics)
LLAPI	Low Level Application Programming Interface (Telekommunikation/telecommunication)
LLC	Lund Laser Centre (Laserforschungslaboratorium, Lund, SE)
LLC	Lund Laser Centre (Laserforschungslaboratorium, Lund, SE)
LLC	Limited-Liability Company
LLC	Logical Link Control (Telekommunikation/telecommunication)
LLCC	Leadless Chip Carrier
LLDPE	Linear Low Density Polyethylene
LLE	Laboratory for Laser Energetics (Rochester, GB)
LLG	Laser-Laboratium Göttingen
LLLT	Low Level Light Therapy
LLNL	Lawrence Livermore National Laboratory (Livermore, CA, USA)
LLT	Lehrstuhl für Lasertechnik (RWTH Aachen, DE)
LLT	Linear Layerwise Theory (Verbundwerkstoffe/compounds)
LLU	Local Loop Unbundling (Telekommunikation/telecommunication)
LLW	Low-Level Waste (radioaktiver Abfall/radioactive waste)
LM	Link Manager (Telekommunikation/telecommunication)
LMA, L.M.A.	Laboratoire de la Mécanique et d'Acoustique (CNRS, Marseille, FR)
LMA	Large Mode Area (Glasfaser/optical fibres)
LMDS	Local Multichannel (or: Multipoint) Distribution Service(s) (Telekommunikation/telecommunication)
LMIS	Liquid Metal Ion Sources
LMJ	Laser Project Megajoule
LMK	Lang-, Mittel- und Kurzwelle
LMP	Link Management Protocol (Internet)
LMS	Least Mean Squares (Algorithmus/algorithm)
LMSA	Large Millimeter and Submillimeter Array (Infrarotastronomie/infrared astronomy)
LMT	Large Millimeter Telescope (on Volcán Sierra Negra, MX)
LMT	Liquid Mirror Telescope
LMT	Local Maintenance Terminal (Telekommunikation/telecommunication)
LMU	Local Mobile Unit (Telekommunikation/telecommunication)
LMU	Location Measurement Unit (Telekommunikation/telecommunication)
LMU	Ludwig-Maximilians-Universität (München, DE)
LMXB	Low-Mass X-Ray Binary (Röntgendoppelstern/X-ray double star)
LN	Lane (US Mail)
LNA	Low Noise Amplifier
LNB	Low-Noise Block (Converter)
LNC	Low-Noise Converter (Telekommunikation/telecommunication)
LNG	Liquified Natural Gas (für den Transport verflüssigtes Erdgas/for the transport)
LNGS	Laboratori Nazionale del Gran Sasso (IT)
LNK	[Dateinamenerweiterung: Windows-Linkdatei/file name extension: Windows link file]
LO	Local Oscillator (Telekommunikation/telecommunication)
LOA	Laboratoire Ondes et Acoustique (Université Paris VII)
LOA	Laboratoire d'Optique Appliquée (Ecole Polytechnique, FR)
LOC	Lab-on-a-Chip
LOCE	Light and Optics Conceptual Evaluation
LOCOS	Local Oxidation of Silicon; Lokale Oxidation von Silizium
LOE	Lasers and Optical Engineering (Konferenz/Conference)
LOET	Lateral-Field Electrooptical Tweezers
LOEWE	Landes-Offensive zur Entwicklung wissenschaftlich-ökonomischer Exzellenz (Hessen, DE)
LOFAR	Low-Frequency Array (Astrophysik/astrophysics, Antennen/antennae)
LOHAS	Life Style of Health and Sustainability
LOKAL	Leckortung durch Korrelationsanalyse
LOM	Learning Object Metadata
LOM	Leistungsorientierte Mittelvergabe (DFG)
LORAN	Long Range Navigation
LOS	Line of Sight (Telekommunikation/telecommunication)
LoST	Location-to-Service Translation (Protocol)
LOT	Lapped Orthogonal Transform
LOTIS	Livermore Optical Transient Imaging System (USA)
LOVA	Low Vulnerability Ammunition (Sprengstoff/explosive)
LOVER	Local Verification (Atomenergie-Kontrolle/atomic energy supervision)
LP	Larch Prover
LP	Linear Programming
LP	Low Priority
LPA	Laser-Plasma Accelerator
LPC	Laser Physics Centre (AU)
LPC	Laser Processing Consortium
LPC	Linear Predictive Coding
LPCVD	Low Pressure Chemical Vapor Deposition
LPE	Liquid Phase Epitaxy (Waferherstellung/wafer production)

LPF	Low Pass Filter
LP-MOVPE	Low Pressure Metalorganic Vapor Phase Epitaxy
LPPP	Poly(p-Phenylen)-Polymer (für Leuchtdioden/for light emitting diodes)
LPR	Local Positioning Radar
LPS	Lipopolysaccharid
LPS	Lokales Positionssystem
LQG	Linear Quadratic Gaussian (Control)
LQG	Loop Quantum Gravity (Gravitationstheorie/theory)
LQR	Linear Quadratic Regulator (Control)
LR	Liberia (ISO 3166)
LR	Loss Rate (Telekommunikation/telecommunication)
LR	Low Resolution
LRC	Learning Resources Center (UB Göttingen, DE)
LRC	Lokale realistische Theorie
LRD	Long-Range Dependent
LRIT	Long Range Identification and Tracking (Meeresküstenschutz/sea shore preservation)
LRL	Lawrence Radiation Laboratory (Berkeley, CA, USA)
LRSP	Long-Range Surface Plasma
LRT	Laser Ray Tracing
LRT	Light Rapid Transport (Eisenbahntechnik/railway technology)
LRTNF	Long-Range Theatre Nuclear Forces
LRU	Least Recently Used
LRZ	Leibniz-Rechenzentrum (München, DE)
LS	Least Square(s)
LS	Lesotho (ISO 3166)
LS	Location Service (Telekommunikation/telecommunication)
LSA	Laser Surface Authentication Technology (Maßnahmen gegen Produktpiraterie/measures against product piracy)
LSA	Latent Semantic Analysis (Sprachverarbeitung/speech processing)
LSA	Link State Advertisement (Telekommunikation/telecommunication)
LSB	Least Significant Bit
LSB	Low-Surface-Brightness (Galaxien/galaxies)
LS & C	Local Space & Communications (Telekommunikation/telecommunication)
LSDB	Link State Database (Telekommunikation/telecommunication)
LSDI	Large Screen Digital Imagery (TV)
LSE	Least Squares Error
LSE	Low Surface Energy
LSF	Line Spread Function (Optik/optics)
LS-GMLC	Location Server–Gateway Mobile Location Center (Telekommunikation/telecommunication)
LSM	Laser Scanning Microscope
LSM	$La_{1-x}Sr_xMnO_3$ (Material für Brennstoffzelle/material for fuel cell)
LSM	Link Security Management (Telekommunikation/telecommunication)
LSND	Liquid Scintillator Neutrino Detector (Los Alamos, NM, USA)
LSP	Label(ed) Switch(ed) Path (Telekommunikation/telecommunication)
LSP	Line Spectral Pair (LPC-Analyse/analysis)
LSPD	Link State Path Database (Telekommunikation/telecommunication)
LSPR	Localized Surface Plasmon Resonance
LSR	Label Switched Router (Telekommunikation/telecommunication)
LSS	Large Space Structure
LSST	Large-Aperture Synoptic Survey Telescope (geplant/planned)
LSSTP	Large Space Structures Technology Program
LST	Laser Scattering Tomograph
LST	Leit- und Sicherungstechnik (Eisenbahntechnik/railway technology)
LSTI	LTE/SAE Trial Initiative (Telekommunikation/telecommunication) (Long Term Evolution/System Architecture Evolution)
LT	Line Termination (Kommunikation/communication)
LT	Litauen/Lithuania (ISO 3166)
LTA	Landesmuseum für Technik und Arbeit (Mannheim, DE)
LTCC	Low-Temperature Co-Fired Ceramic(s)
LTD	Laser Display Technology
Ltd.	Limited (GB, entspricht GmbH)
LTE	Long Term Evolution (Telekommunikation/telecommunication)
LTER	Long Term Ecological Research
LTG	Low-Temperature-Grown (Kristall/crystal)
LTP	Long-Term Potentiation (Neurologie/neurology)
LTR	Long Terminal Repeats (Genetik/genetics)
LTS	Low-T_c (or: Temperature) Superconductor
LTV	Life Time Value
LU	Luxemburg/Luxembourg (ISO 3166)
LUCE	Laser-Utilizing Communications Equipment
LUCIFER	LBT Near-Infared Spectroscopic Utility with Camera and Integrated Field Unit for Extragalactic Research
LUDA	Large Urban Distressed Areas
LUKO	Lumineszenz-Konversion (LED)
LULI	Laboratoire pour l'Utilisation des Lasers Intenses (Laboratory for the Use of High Power Laser) (FR)
LUN	Logical Unit Number
LUPO	Luminescent Polymer
LURE	Laboratoire pour l'Utilisation du Rayonnement Electromagnétique (Ile de France)
LURE	Lunar Laser Ranging
LUT	Lookup Table
LV	Lettland/Latvia (ISO 3166)

LVAD	Left Ventricular Assist Device (Herzchirurgie/heart surgery)
LVC	Large Vesicle Cell
LVCSR	Large-Vocabulary Continuous Speech Recognition
LVDS	Low-Voltage Differential Signaling
LWA	Landesamt für Wasser und Abfall (Düsseldorf, DE)
LWDRM	Light Weight Digital Rights Management
LWFA	Laser Wakefield Accelerator (Plasmabeschleuniger/plasma accelerator)
LWIR	Long Wavelength Infrared ($\lambda = 8 \cdots 14 \mu$m)
LWL	Lichtwellenleiter
LWQHPR	Longest Weighted Queue Highest Possible Rate (Datenübertragung/data transmission)
LWR	Leuchtweitenregelung (Kfz/motor vehicle)
LXI	LAN Extensions for Instrumentation (Messgeräte-Vernetzung/network of measuring instruments)
LZB	Landeszentralbank
LZB	Linienzugbeeinflussung (Eisenbahntechnik/railway technology)
LZF	LZB-Fahrzeugeinrichtung
LZH	[Dateinamenerweiterung: Archivdatei mit komprimierten Inhalten/file name extension: compressed archive file]
LZH	Laser Zentrum Hannover (DE)
LZT	Large Zenith Telescope (geplant, mit rotierendem Quecksilberspiegel/proposed, with spinning mercury mirror)
L2CAP	Logical Link Control and Adaptation Protocol (Telekommunikation/telecommunication)
L2TP	Layer 2 Tunneling Protocol (Datenübertragung/data transmission)

M

MA	Marokko/Morocco (ISO 3166)
MA	Massachusetts (US-Staat/US state)
MA	Master of Arts
MA	Movement Authority (Eisenbahntechnik/railway technology)
MA	Moving Average (gleitende Mittelung, Glättungsfilter)
MAAB	MathWorks Automotive Advisory Board
MAB	Man and Biosphere (Naturschutz/nature conservation)
MAC	Marine Aquatic Council (Internationale nichtkommerzielle Organisation/international non-commercial organization)
MAC	Medium (or: Media) Access Control (Layer) (Telekommunikation/telecommunication)
MAC	Message Authenticity (or: Authentication) Check (or: Code) (Datennetz/data network)
MAC-d	Medium Access Control Dedicated (Telekommunikation/telecommunication)
MACH	Multiple Active Computer-Generated Hologram
MACHO	Massive Astrophysical Compact Halo Objects
MAC-hs	Medium Access Control High Speed (Telekommunikation/telecommunication)
MACO	Multi-Objective Ant Colony Optimization
MacOS	Macintosh Operating System
MACRO	Monopole, Astrophysics and Cosmic Ray Observatory (Gran Sasso, IT)
MACS	Membership and Customer Services (AIP)
MAD	Magnetron Activated Deposition (dünne Schichten/thin layers)
MAD	Militärischer Abschirmdienst
MAD	Multiple Anomalous Diffraction
MAD	Mutually Assured Destruction („Star Wars")
Madaline	Multiple Adaptive Linear Elements
MAGIC	Major Atmospheric Gamma-Ray Imaging Čerenkov Telescope (La Palma, Kanarische Inseln/Canaries)
Maglev	Magnetic Levitation
MAHRSI	Middle Atmosphere High Resolution Spectrograph Investigation
MAI	Multiple Access Interface (Telekommunikation/telecommunication)
MAIA	Mental Augmentation through Determination of Intended Action (EU project)
MAISEC	Material-Informationssystem für elektronische Komponenten
MAK	Maximale Arbeitsplatzkonzentration
MAk	Monoklonale Antikörper (Biomedizin/biomedicine)
MALDI	Matrix-Assisted Laser Desorption Ionization
MALVINE	Manuscripts and Letters via Integrated Networks in Europe
MAMI	Mainzer Mikrotron (Elektronenbeschleuniger/electron accelerator)
MAN	Maschinenfabrik Augsburg/Nürnberg (DE)
MAN	Metropolitan Area Network (Rechnernetz/computer network)
MANA	Materials Nanoarchitectonics (Japan)
MANIAC	Mathematical Analyzer, Numerical Integrator, and Computer (Los Alamos, NM, USA, ca. 1950)
MANPADS	Man-Portable Air Defence Systems
MAO	Methylaluminoxan (Katalysator/catalyst)
MAP	Malaria Atlas Project
MAP	Manufacturing Automation Protocol (Datennetz bei GM/data network of GM)
MAP	Maximum a posteriori (probability) (Schätzwert/estimate)
MAP	Medium Access Protocol
MAP	Microwave Anisotropy Probe (Satellit, Astrophysik/satellite, astrophysics)
MAP	Miniaturisierung, Automatisierung und Parallelisierung (Chemie-Forschung/chemical research)
MAP	Mobile Application Part (Telekommunikation/telecommunication)
MAP	Multichannel Astrometric Photometer
MAP	Multimedia-Arbeitsplatz
MAPL	Maximum Allowable Path Loss (Telekommunikation/telecommunication)
MAPLE	Matrix-Assisted Pulsed-Laser Evaporation
MAPOS	Multi-Agent Platform for Online Services (Telekommunikation/telecommunication)
MAPS	Mobile Acquisition and Processing Station (Satelliten/satellite system)
MAQCM	Microarray Quality Control (Biochemie/biochemistry)
MARAS	Marine Radiometric Spectrometer

MARMOT	Method for Component-Based Real-Time Object-Oriented Development and Testing
MARS	Media Arts and Research Studies
MARS	Monitoring Agricultural Remote Sensing
MAS	Master of Advanced Studies
Maser	Microwave Amplification by Stimulated Emission of Radiation
MASIF	Mobile Agent Systems Interoperability Facility (Telekommunikation/telecommunication)
MAST	Mega-Amp Spherical Tokamak (Culham, UK)
MathML	Mathematical Markup Language
MATLAB	Matrix Laboratory (Software)
MAU	Million Accounting Units (Europäische Raumfahrt/European spacecraft; 1988: 1 MAU = 1.14 Mill.$)
MAU	Movement Authority Unit (Eisenbahntechnik/railway technology)
MAV	Micro-Aerial Vehicle
MAXAT	Maximum Aperture Telescope
MAXIMA	Millimeter Anisotropy Experiment Imaging Array (Ballon-Experiment/balloon experiment)
MB	Megabyte (= 1024 kB = 1048576 Bytes)
MBA	Master of Business Administration
MBB	Messerschmitt-Bölkow-Blohm GmbH, München (DE)
MBCS	Managed Business Communication Services (Telekommunikation/telecommunication)
MBD	Multi-Body Dynamics
MBD	Multichannel Blind Deconvolution
MBE	Molecular-Beam Epitaxy
MBES	Multi Beam Echo Sounder (Wasserschall/underwater acoustics)
MBI	Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie (Berlin-Adlershof, DE)
MBL	Marine Biological Laboratory (Woods Hole, MA, USA)
MBMS	Multimedia Broadcast and Multicast Service (Telekommunikation/telecommunication)
MBO	Management Buy Out
MBP	Model-Based Processor (Signalverarbeitung/signal processing)
MBPC	Model Based Predictive Control
MBS	Maximum Burst Size
MBS	Multi-Standard Base Station (Telekommunikation/telecommunication)
MBSL	Multi-Bubble Sonoluminescence, Mehrblasenlumineszenz
MC	Monaco (ISO 3166)
MC	Monte-Carlo (Simulation)
MCA	Minor Component Analysis
MCA	Modal Contribution Analysis (Schwingungsanalyse/vibration analysis)
MCAEC	Multichannel Acoustic Echo Canceller
MCAO	Multiconjugate Adaptive Optics
MCB	Media Control Board
MCC	Master Control Center (Telekommunikation/telecommunication)
MCC	Metro(politain) Core Connect (Telekommunikation/telecommunication)
MCC	Mobile Competence Center (Telekommunikation/telecommunication)
MCC	Mobile Country Code (Mobilfunk/mobile radio)
MCCM	Meterology Climate Chemistry Model
MCD	Magnetic Circular Dichroism
MCD	Measurement, Calibration, Diagnostics
MCD	Mobile Communication Division
MCDAD	Magnetic Circular Dichroism in Angular Distribution
MCE	Magnetocaloric Effect
MCE	Media Center Edition (Windows XP)
MCF	Multimedia Content Forum (Telekommunikation/telecommunication)
MCFC	Molten Carbonate Fuel Cell
MCG	Magneto-Cummulative Generator
MCHA	Music and Concert Hall Acoustics (International Symposium)
M-CHiPS	Multi-Conditional Hybridization Intensity Processing System (Krebsforschung/cancer research)
MCI	Mild Cognitive Impairment (Alzheimer-Vorstufe, = LKS)
MCIS	Managed Customer Interaction Services (Telekommunikation/telecommunication)
MCM	Multi-Chip Module
MCMC	Monte Carlo Markov Chain
MCO	Mars Climate Observer
MCP	Microchannel Plate, Mikrokanalplatte, Vielkanalplattendetektor
MCPA	Multi Carrier Power Amplifier (Telekommunikation/telecommunication)
MCPC	Multiple Channel per Carrier (Telekommunikation/telecommunication)
MCR	Main Control Room (ESOC)
MCR	Microfibre Coil Resonator (Faseroptik/fiber optics)
MCR	Multiple Channel Amplification of Reverberation (Raumakustik/room acoustics)
MCS	Managed Communication Services (Telekommunikation/telecommunication)
MCS	Mathematics Subjects Classification
MCS	Minimal Conscious State (Koma-Patienten/coma patients)
MCS	Modulation and Coding Scheme (Telekommunikation/telecommunication)
MCSCF	Multi-Configuration Self-Consistent-Field (Rechenverfahren, Molekülphysik/calculation, molecular physics)
MC-SS	[International Workshop on] Multi-Carrier Spread-Spectrum
MCT	Mercury Cadmium Telluride (Infrarotsensor/infrared sensor)
MCT	Mobile Communications Terminal
MCU	Master Controller Unit
MD	Maryland (US-Staat/US state)
MD	Medical Doctor
MD	Moldawien/Moldova (ISO 3166)
MD	Molecular Dynamics

MDA	Missile Defense Agency (USA)
MDA	Multiple Diskriminantenanalyse
MDAQ	Mediation and Data Acquisition (Telekommunikation/telecommunication)
MDB	[Dateinamenerweiterung: Microsoft Access-Datenbank/file name extension: Microsoft Access data bank]
MdB	Mitglied der Bundestages
MDC	Max-Delbrück-Centrum für Molekulare Medizin (Berlin-Buch, DE)
MDCT	Modified Discrete Cosine Transformation
MDCT	Multidetektor-Spiral-Computertomograph
MdEP	Mitglied des Europäischen Parlaments
MDF	mitteldichte Faserplatte
MDFC	Multiple Delay Feedback Control
MDG	Millenium Development Goals (Entwicklungshilfe/foreign aid)
MDI	Media Delivery Index (Telekommunikation/telecommunication)
MDI	Methylendiphenyldiisocyanat (oder/or: Diphenylmethylendiisocyanat)
MDI	Michelson Doppler Imager (an Bord von/aboard SOHO)
MDL	Minimum Description Length
MdL	Mitglied des Landtages
MDOF	Multi-Degree-of-Freedom (System)
MDP	Monoclinic Double Tungstate (Crystals)
MDR	Mitteldeutscher Rundfunk
MDR	Multi-Drug Resistance (Gene/genes)
MDS	Mobile Data Server (Telekommunikation/telecommunication)
MDS	Multi-Access Data Server (Telekommunikation/telecommunication)
MDS	Multidimensional Scaling
MDS	Multipoint Distribution System (Telekommunikation/telecommunication)
MDSS	Mobile Data Service System (Telekommunikation/telecommunication)
MDST	Modified Discrete Sine Transformation
MDU	Multiple Dwelling Units (Telekommunikation/telecommunication)
MDV	Mechatronic Development and Validation
MDV	Medizinische Datenverarbeitung
ME	Magnitude Error (Telekommunikation/telecommunication)
ME	Maine (US-Staat/US state)
ME	Maximum Entropy
ME	Millenium Edition (Microsoft Windows)
ME	Mobile Entity (or: Equipment) (Telekommunikation/telecommunication)
MEA	Membrane Electrode Assembly (Brenstoffzelle/fuel cell)
MED	Maximum Entropy Distribution
MEDEA	Microelectronics Development for European Applications
MEET Man	Models for Simulation of Electromagnetic, Elastomechanic and Thermic Behaviour of Man
MEF	Metro(politain) Ethernet Forum (Telekommunikation/telecommunication)
MEFX	Multiple Error Filtered-x (Algorithmus/algorithm)
MEG	Magnet(o)enzephalographie, Magnetoencephalography
MEGACO	Media Gateway Controller (Telekommunikation/telecommunication)
MEIS	Managed Employee Interaction Services (Telekommunikation/telecommunication)
MELCO	Mitsubishi Electric Corporation
MELDOQ	Melanomdokumentierung und -quantifizierung
MELECON	Mediterranean Electrotechnical Conference
MELP	Mixed Excitation Linear Prediction (Sprachcodierung/speech coding)
MEM	Maximum Entropy Method
MEM	Micro-Electronic Micro Machine
MEMRO	Middle-Ear Mechanics in Research and Otology (Conference series)
MEMS	Micro-Electro-Mechanical Systems
MEN	Metropolitain Ethernet
MEO	Medium Earth Orbit
MEOSS	Monocular Electro-Optical Stereo Scanner
MER	Mars Exploration Rover (Raumfahrt/spacecraft)
MER	Modulation Error Rate (or: Ratio)
MERIS	Medium Resolution Imaging Spectrometer (ENVISAT)
MERLIN	Multi-Element Radio Linked Interferometer (Astrophysik/astrophysics)
MES	Manufacturing Execution System
MESA	Microsystems and Engineering Science Application (Albuquerque, NM, USA, 2007)
MESEMA	Magnetoelastic Energy System for Even More Electric Aircraft (EU project)
MESFET	Metal Semiconductor Field Effect Transistor
MESSENGER	Mercury Surface, Space, Environment, Geochemistry and Ranging (Raumfahrt/spacecraft)
MET	Memory Enhancement Technology
META	Megachannel Extraterrestrial Assay (Suche nach außerirdischer Intelligenz/search for extraterrestrial intelligence)
METI	Ministry of Economy, Trade and Industry (Japan)
METIS	Meldesystem für Texte auf Internet-Seiten (VG WORT)
METRIC	Exploitation of Bibliometric Data in National Bibliographic Databases
MeVis, MEVIS	Centrum für Medizinische Diagnosesysteme und Visualisierung (Bremen, DE, 1995). Seit 1.1.2008/since Jan. 1, 2008: Fraunhofer-Institut für Bildgestützte Medizin
MExE	Mobile Station Execution Environment (Telekommunikation/telecommunication)
MEXH	Multiple-Energy X-Ray Holography
MEXT	Ministry of Education, Culture, Sports, Science and Technology (Japan)
MF	Medium Frequency (0,3 – 3 MHz)
MFC	Macro Fiber Composites
MFC	Microsoft Foundation Classes
MFCC	Mel-Frequency Cepstral Coefficients (automatische Musik-Analyse/automatic music analysis)

MFI	Matched-Field Imaging (Signalverarbeitung/signal processing)
MFLAME	Multi-Function Future Laser Atmospheric Equipment (Brite Euram Project)
MFLOPs/s	Mega FLOPs/s (= 10^6 FLOPs/s)
MFM	Magnetic Force Microscopy
MFN	Multi Frequency Network (Telekommunikation/telecommunication)
MFP	Matched Field Processing
MFP	Multi Function Peripheral
MfS	Ministerium für Staatssicherheit (ehem./former DDR)
MFS	Multi-BSS Fast Packet Server (Telekommunikation/telecommunication)
MG	Madagaskar/Madagascar (ISO 3166)
MG	Media Gateway (Telekommunikation/telecommunication)
MGA	Multi-Objective Genetic Algorithm
MGC	Media Gateway Controller (Telekommunikation/telecommunication)
MGC	Micro-Gap Gas Counter
MGCF	Media Gateway Control Function (Telekommunikation/telecommunication)
MGCP	Media Gateway Control Protocol (Telekommunikation/telecommunication)
MGED	Microarray and Gene Expression (Society)
MGH	Massachusetts General Hospital (Boston, MA, USA)
MGR	Media and Government Relations (USA)
MGS	Mars Global Surveyor
MGT	Multi Gigabit Transceiver (Satelliten-Telekommunikation)
MGU	[Moskauer Staatliche Universität/Moscow State University]
MGW	Media Gateway (Telekommunikation/telecommunication)
MH	Marschallinseln/Marshall Islands (ISO 3166)
MHB	Magnus-Haus Berlin (DPG)
MHC	Major Histocompatibility Complex (Biochemie/biochemistry)
MHD	Magnetohydrodynamics (Fusionsreaktortechnik/fusion reactor technology)
MHEG	Multimedia and Hypermedia Information Coding Experts Group (Telekommunikation/telecommunication)
MHP	Multimedia Home Platform (Telekommunikation/telecommunication)
MIAME	Minimum Information about a Microarray Experiment (Bioinformatik/bioinformatics)
MIB	Managament Information Base
MI	Michigan (US-Staat/US state)
MIC	Mikroelektronik Centret (DK-Lyngby)
MIC	Minimal-Invasive Chirurgie
MIC	[IASTED International Conference on] Modelling, Identification and Control
MICAPEX	Minimum Initial Capital Expenditure
MID	[Dateinamenerweiterung: MIDI-Datei/file name extension: MIDI file]
MIDI	Musical Instruments Digital Interface
MIDP	Mobile Information Device Profile (Telekommunikation/telecommunication)
MIF	Makrophagen-Inhibitionsfaktor
MIIPS	Multiphoton Intrapulse Interference Phase Scan
MIIR	Méthode d'isolement et d'identification des résonances
MIKSS	(gesprochen/pronounced: „mix") Media Object Interlock and Synthesis (Video description language)
MIL	(Department of Defense) (Internet, USA)
MIL	Model-in-the-Loop
MILCOM	Military Communications Conference
MILSET	International Movement for Leisure Activities in Science and Technology
MIMD	Multiple Instruction / Multiple Data (Parallelrechner/parallel processor)
MIME	Multipurpose Internet Mail(ing) Extension(s)
MIMIC	Monolithic Microwave Integrated Circuits
MIMO	Multiple Input – Multiple Output (Controller, System)
MIMOS	Miniaturisiertes Mössbauer-Spektrometer
MINDS	Mobile Information and News Data Services
MINUET	Minnesota Internet User's Essential Tool (Computer-Netzwerkserver/computer network server)
MIO	Modular I/O (HP)
MIP	Megaframe Initilization Packet (Telekommunikation/telecommunication)
MIP	Mobile Internet Protocol
MIPAS	Michelson Interferometer for Passive Atmospheric Sounding (ENVISAT)
MIPS	Million instructions (Mega-Instructions) per second
MIPS	Molecularly Imprinted Polymers (Chemie/chemistry)
MIPS	Münchner Informationszentrum für Proteinsequenzen
MIREX	Music Information Retrieval Evaluation Exchange
MIRI	Mid-Infrared Instrument (Spektrometer für das/spectrometer for the James West Space Telescope)
miRNA	Micro-RNA (length: about 21 nucleotides)
MIRV	Multiple Independently Targetable Reentry Vehicles
MIS	Management Information System
MISACT	Multiple Interacting Sensors and Actuators
MISIM	Metal-Isolator-Semiconductor-Isolator-Metal
MISO	Multiple Input – Single Output (Controller, System)
MISR	Multiangle Imaging Spectro-Radiometer (Satelliten-Erd-Fernerkundung/satellite remote reconnaissance)
MISRA	Motor Industry Software Reliability Association
MIT	Management Information Tree
MIT	Massachusetts Institute of Technology
MIT	minimal-invasives Therapieverfahren
MITES	Miniature Inverted-Repeat Transposable Elements (Genetik/genetics)
MITI	[Institut für] Minimalinvasive therapeutische Interventionen (TU München, DE)
MITI	Ministry of International Trade and Industry (Japan)
MITLL	Massachusetts Institute of Technology Lincoln Laboratory

MIUH	Medizinisches Institut für Umwelthygiene (Düsseldorf, DE)
MIXSEL	Modelocked Integrated External-Cavity Surface-Emitting Laser
MK	Mazedonien/Macedonia (ISO 3166)
MKB	Media Key Block (Telekommunikation/telecommunication)
MKG	Magnetokardiographie
MKG	Mund-Kiefer-Gesicht (Chirurgie/surgery)
mks	Meter – Kilogramm – Sekunde, meter – kilogram – second (Maßsystem/system of units)
ML	Mali (ISO 3166)
ML	Maximum Likelihood (Statistik/statistics)
MLA	Mercury Laser Altimeter (Raumfahrt/spacecraft)
MLA	Modern Language Association
MLAPI	Medium Level Application Programming Interface (Telekommunikation/telecommunication)
MLC	Mobile Location Center (Telekommunikation/telecommunication)
MLC	Multileaf Collimator (Röntgentechnik/X-ray technology)
MLCD	Mars Laser Communications Demonstration System
MLCF	Maximum Likelihood Confidence Factor
MLD	Multicast Listeners Discovery Protocol (Telekommunikation/telecommunication)
MLD	Multi-Layer-Dielectric (Spiegelbeschichtung/optical mirror coating)
MLE	Maximum Likelihood Estimation
MLE	Medium to Large Enterprise
MLI	Multi-Layer Insulation
MLLR	Maximum Likelihood Linear Regression (Signalverarbeitung/signal processing)
MLM	Maximum Likelihood Method (Parameterschätzung/parameter estimation)
MLO	Mycoplasma-like Organism
MLP	Medium- to Long-Term Plan
MLP	Mobile Location Protocol (Telekommunikation/telecommunication)
MLP	Multi-Layer Perceptron
MLS	Mikrowellenlandesystem
MLTU	Monitoring and Line Transmission Unit (Telekommunikation/telecommunication)
M-LVDS	Multipoint Low Voltage Differential Signaling (für vernetzte Messgeräte/for crosslinked measuring instruments)
MM	Mobile Management (Telekommunikation/telecommunication)
MM	Multi Mode (Telekommunikation/telecommunication)
MM	Myanmar (früher/former Burma) (ISO 3166)
MMAF	Multimodal Adaptive Filter
MMAS	Multimedia Application Server (Telekommunikation/telecommunication)
MMC	Maintainance, Monitoring and Control
MMC	Micromaching Center (in USA: Boston, MA, und/and Silicon Valley, CA)
MMC	Multimedia Card
MMC	Multimedia Multiparty Conferencing
MMCF	Multimedia Communication Forum
MMCOI	Multimedia Communication Comments of Interest
MMCS	Multimedia Call Server (Telekommunikation/telecommunication)
MMD	Multimedia Domain (Telekommunikation/telecommunication)
MMDS	Microwave (or: Multichannel) Multipoint Distribution System (Telekommunikation/telecommunication)
MMDS	Multimedia Distribution System (Telekommunikation/telecommunication)
MMG	Massive Multi-Player Online Games
MMI	Man Machine Interface
MMIC	Monolithic Microwave Integrated Circuit(ry)
μ-MIM	[Mikro-Metallpulver-Spritzgießen]
MMCOM	Mobile Millimeter Communications (IEEE Workshop)
MMN	Mismatch Negativity (Neurologie/neuroscience)
MMOD	Micro-Meteorids Orbital Debris (Raumfahrt/spacecraft)
MMOG	Massively Multiplayer Online Games (Computerspiele/computer games)
MMoIP	Multimedia over IP (Telekommunikation/telecommunication)
MMPA	Marine Mammal Protection Act (USA)
MMRC	Multiple Myeloma Research Consortium (USA)
MMRP	Marine Mammal Research Program (bei/related to ATOC)
MMS	Manufacturing Message Standard
MMS	Mission Management System
MMS	Mobile Monitoring System (Telekommunikation/telecommunication)
MMS	Multimedia Messaging (or: Message) Service (Telekommunikation/telecommunication)
MMSC	Multimedia Messaging Service Center (Telekommunikation/telecommunication)
MMSE	Minimum Mean Square Error (or: Estimation)
MMSE	Multimedia Services Environment (Telekommunikation/telecommunication)
MMT	Monolithic Mirror Telescope (University of Arizona, USA)
MMT	Multiple Mirror Telescope
MMU	Memory Management Unit
MMW	Millimeter-Wave (Telekommunikation/telecommunication)
MMX	Multi Media Extensions
MN	Minnesota (US-Staat/US state)
MN	Mongolei/Mongolia (ISO 3166)
MNC	Mobile Network Code (Mobilfunk/mobile radio)
MNC	Multinational Corporations
MNO	Mobile Network Operator
MNPQ	Mess-, Normen-, Prüf- und Qualitätswesen
MNS	Managed Network Services (Telekommunikation/telecommunication)
MNT	Mononitrotoluol
MNU	Deutscher Verein zur Förderung des mathematischen und naturwissenschaftlichen Unterrichts

MO	Macao (ISO 3166)
MO	Missouri (US-Staat/US state)
MoBIC	Mobilität für Blinde durch die Interaktion mit einem Computer
MOC	Mars Orbiter Camera
MOC	Mission Operations Center
MOCVD	Metalorganic Chemical Vapor Deposition
MoD	Music on Demand (Telekommunikation/telecommunication)
MODFET	Modulation-Doped Field Effect Transistor, Modulations-dotierter Feldeffekt-Transistor
MODIS	Moderate (Resolution) Imaging Spectroradiometer (Satelliten-Erd-Fernerkundung/satellite remote reconnaissance)
MOE	Molecular Operating Environment
MOEL	Mittel- und Osteuropäische Länder
MOEMS	Micro-Opto-Electromechanical System (Telekommunikation/telecommunication)
MOEN	Meridional Overturning Exchange with the Nordic Seas
MOF	Microstructured Optical Fibre
MOKE	Magneto-Optical Kerr Effect (Festkörperphysik/solid state physics)
MOLA	Mars Orbiter Laser Altimeter
MOLI	Microsoft Online Learning Institute
MoMA	Museum of Modern Arts (New York City)
MOMBE	Metallorganische Molekularstrahlepitaxie
MOMS	Modularer Optoelektronischer Multispektral-Scanner
MONA	Merging Optics and Nanotechnologies (EU project)
MOND	Modified (or: Modification of) Newtonian Dynamics, Modifizierte Newton'sche Dynamik
MONET	Mobile Network (Telekommunikation/telecommunication)
MOO	Multi-Objective Optimization
MOPA	Master Oscillator Power Amplifier (Telekommunikation/telecommunication)
MOPITT	Measurement of Pollution in the Troposphere (Satelliten-Erd-Fernerkundung/satellite remote sensing)
MORE	Mobility for Young Researchers from Central and Eastern Europe
MOS	Mean Opinion Score (Telekommunikation/telecommunication)
MOS	Metal-Oxide Semiconductor
MOS	Monitor-Server
MOSA	Ministry of Science and the Arts (Israel)
MOSFET	Metalloxid-Silicium-Feldeffekt-Transistor, Metal Oxide Field-Effect Transistor
MOSIS	MOS Implementation System
MOST	Media Oriented Systems Transfer (or: Transport)
MOST	Ministry of Science and Technology (Korea, Vietnam etc.)
MOT	Magneto-Optical Trap
MOT	Multimedia Object Transfer Protocol
MOTT	Multi-Funktionale On-Top Technologie
MOU	Memorandum of Understanding
MOV	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
MOV	Modal Output Value (Telekommunikation/telecommunication)
MOVIC	International Conference on Motion and Vibration Control
MOVPE	Metalorganic Vapor Phase Epitaxy
MOWGLY	Mobile Wideband Global Link System (Telekommunikation/telecommunication)
MOX	Mixed-Oxide Fuel, Mischoxid (Kernreaktor/nuclear reactor)
MOZAIC	Measurements of Ozone and Water Vapor by Airbus In-Service Aircraft
MP	Marianen/Northern Mariana Islands (ISO 3166 and US Mail)
MP	Maximum Parsimony (Statistik/statistics)
MP	Motion Picture
MPA	Marine Protected Area (Meeresfischerei/sea fishing)
MPA	Materialprüfungsamt
MPA	Multiport Amplifier (Architecture)
MPAe	Max-Planck-Institut für Aeronomie (Lindau/Harz, DE)
MPC	Magnetic Photonic Crystal
MPC	Model Predictive Control(ler)
MPDR	Multipoint Digital Radio (Telekommunikation/telecommunication)
MPE	Max-Planck-Institut für extraterrestrische Physik (Garching, DE)
MPE	Maximum Permissible Exposure
MPE	Multi-Photon Excitation
MPE	Multiprotocol Encapsulation (Telekommunikation/telecommunication)
MPEG	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
MPEG	Motion (or: Moving) Picture(s) Expert(s) Group (Bildcodierung/picture coding)
MPEG2-TS	Moving Pictures Experts Group – Transport Stream
MPF	Modern Pit Facility
MPG	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
MPG	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
MPI	Magnetic Particle Imaging
MPI	Max-Planck-Institut
MPI	Message Passing Interface (Parallelrechner/parallel computer)
MPI	Multi-Photonen-Ionisation
MPIC	Max-Planck-Institut für Chemie (Mainz, DE)
MPIE	Max-Planck-Institut für Eisenforschung (Düsseldorf, DE)
MPI-Eva	Max-Planck-Institut für evolutionäre Anthropologie (Leipzig, DE)
MPIF	Max-Planck-Institut für Festkörperforschung (Stuttgart, DE)
MPIfR	Max-Planck-Institut für Radioastronomie
MPIRE	Massively Parallel Interactive Rendering Environment
MPIZ	Max-Planck-Institut für Züchtungsforschung (Köln, DE)
MPL	Mars Polar Lander

MPLM	Multipurpose Pressurized Logistic Modules (Satelliten/satellites)
MPLP	Multi-Pulse Linear Prediction
MPLS	Multi-Protocol Label Switching (optische Telekommunikation/optical telecommunication)
MPλS	Multi-Protocol Lambda Switching (optische Telekommunikation/optical telecommunication)
MPM	Microstructured Photonic Material
MPM	MIcrowave Power Module
MPMP	Microwave Point to Multipoint (Telekommunikation/telecommunication)
MPMS	Magnetic Property Measurement System
MPOA	Multi-Protocol over ATM (Rechnernetze/computer networks)
mPOF	Microstructured Polymer Optical Fibre
MPP	Massively Parallel Processing (Rechner/computer)
MPP	Maximum Power Point (Photovoltaik/photovoltaics)
MPPC	Multi-Pixel Photon Counter
MPPT	Maximum Power-Point Tracking (Photovoltaik/photovoltaics)
MPQ	Max-Plack-Institut für Quantenoptik (Garching, DE)
MPR	Multi-Path Routing (Telekommunikation/telecommunication)
MPRESS	[Mathematik-Literaturservice/mathematics literature service]
MPS	Max Planck Society (= MPG in deutschen Texten)
MPS	Mission Planning System
MPSD	Max Planck Research Group for Structural Dynamics
MPSR	Multi-Path Self Routing (Telekommunikation/telecommunication)
MPT	Ministry of Post and Telecommunications (Japan)
MPU	Master Processing Unit (Telekommunikation/telecommunication)
MPWS	Multi-Protocol Wavelength Switching (Telekommunikation/telecommunication)
MP3	MPEG Layer 3 [Dateinamenerweiterung: Audio-Datei/file name extension: audio file]
MQ	Martinique (ISO 3166)
MQW	Multiple Quantum Well
MR	Magnetresonanz (-Tomographie)
MR	Mauretanien/Mauritania (ISO 3166)
MR	Measurement Report
MRA	Mutual Recognition Arrangement (Metrologie/metrology)
MRAM	Magnetic Random Access Memory
MRAO	Mullard Radio Astronomy Observatory (bei/near Cambridge, UK)
MRAV	Mixed Reality Audio-Visual (Telekommunikation/telecommunication)
MRBM	Medium-Range Ballistic Missile
MRD	Mobile Radio Division (Telekommunikation/telecommunication)
MREFC	Major Research Equipment and Facilities Construction (NSF)
MRF	Magnetorheological Fluid
MRF	(Multi)Media Resource Function (Telekommunikation/telecommunication)
MRFM	Magnetic Resonance Force Microscope (or: Microscopy)
MRI	Magnetic Resonance Imaging
MRI	Magnetorotationsinstabilität (Astronomie/astronomy)
MRM	Magnetresonanz-Mikroskopie
mRNA	Messenger RNA
MRO	Magdalena Ridge Observatory (New Mexico, USA)
MRO	Maintenance, Repair and Overhaul
MRP	Market Representation Partners (Telekommunikation/telecommunication)
MRP	Material(s) (or: Manufacturing) Resource Planning
MRS	Materials Research Society (USA)
MRS	Media Resource Service (SIPI)
MRSA	Methicillin-Resistant Staphylococcus aureus (Medizin/medicine)
MRT	Magnetresonanz-Tomographie
MRT	Multi Role Transporter (der Luftwaffe/of the Air Force)
MS	Mass Spectrometry
M.S.	Master of Science
M/S	Master/Slave
MS	Media Server (Telekommunikation/telecommunication)
MS	Member State
MS	Mississippi (US-Staat/US state)
MS	Mobile Station (Telekommunikation/telecommunication)
MS	Montserrat (ISO 3166)
MS	Multiple Sklerose/Multiple Sklerosis
MSA	Multisource Agreement (optische Telekommunikation/optical telecommunication)
MSAM	Multi-Service Access Multiplexer (Telekommunikation/telecommunication)
MSAN	Multi-Service Access Node (Telekommunikation/telecommunication)
MSAS	Multi-Function Transport Satellite-Based Augmentation System (Satellitennavigation/satellite navigation, Japan)
MSBB	Multi-Standard Baseband (Telekommunikation/telecommunication)
M.Sc.	Master of Science
MSC	Mesenchymale Stammzellen
MSC	Message Sequence Chart (Telekommunikation/telecommunication)
MSC	Mobile (Services) Switching Centre (Telekommunikation/telecommunication)
MSD	Mass Selective Detector
MS-DOS	Microsoft Disk Operating System
MSE	Mission Success Evaluation
MSE	Mean Square Error
MSE	Mobilstations-Emulator (Telekommunikation/telecommunication)
MSF	Mid-Spatial Frequency
MSF	Multi Stage Flash Exploration (Meerwasserentsalzung/method for seawater desalting)

MSG	Meteosat Second Generation (seit/since 2003)
MSGC	Micro-Strip Gas Detector
MSI	Medium Scale Integration
MSISDN	Mobile Station ISDN Number
MSK	Minimum (or: Maximum) Shift Keying (Datenübertragung/data transmission)
MSL	Mars Science Laboratory
MSM	Metal-Semiconductor-Metal (Photodetektoren/photodetectors)
MSN	Microsoft Network (Datennetz/data network)
MSN	Moscow Society of Naturalists
MSN	Multi-Service Node (Telekommunikation/telecommunication)
MSO	Multi-Service Operator (Telekommunikation/telecommunication)
MSO	Multiple Systems Operators (Telekommunikation/telecommunication)
MSOP	Mini Small Outline Package (SMD-Gehäuse/casing)
MSP	Mobile Service Provider (Telekommunikation/telecommunication)
MSP	Multiplex Section Protection
MSPP	Multi-Service Provisioning Platform (Telekommunikation/telecommunication)
MSR	Mobile Station Receiver Diversity (Telekommunikation/telecommunication)
MSRC	Microsoft Research in Cambridge (UK)
MSRI	Mathematical Science(s) Research Institute (Berkeley, CA, USA)
MSS	MAN Switching System
MSS	Managed Security Services (Datensicherheit/data security)
MSS	Mass Storage System
MSS	Mobile Satellite System (Telekommunikation/telecommunication)
MSSM	Minimal Supersymmetric Standard Model (Elementarteilchen/elemenary particles)
MS-SP	Multiple Section – Section Protection (Telekommunikation/telecommunication)
MS-SPRING	Multiple(xer) Section Shared Protection Ring (Telekommunikation/telecommunication)
MST	Mikrosystemtechnik
MST	Minimal Spanning Tree (Signalanalyse/signal analysis)
MST	Multiple Spanning Tree (Telekommunikation/telecommunication)
MSTP	Multi-Service Transmission Platform (Telekommunikation/telecommunication)
MSTP	Multiple Spanning Tree Protocol (Telekommunikation/telecommunication)
MSTV	Maximum Service Television
MSU	Michigan State University (USA)
MSU	Moscow State University
MSW	Media Switch
MSY	Maximal Sustained Yield (Ökonomie/economy)
MT	Malta (ISO 3166)
MT	Montana (US-Staat/US state)
MTA	Materials Testing Accelerator
MTA	Medizinisch-technische(r) Assistent(in)
MTA	Multi-Threaded Computing (Parallelrechner/parallel computer)
MTBE	Mean Time Between Error Events
MTBF	Mean Time Before Failure (or: Between Failures)
MTBR	Mean Time Before Resynchronization
MTBSE	Mean Time Between Service Events
MTCO	Minimum Total Cost of Ownership
MTCR	Missile Technology Control Regime
mtDNA	mitochondriale DNA
MTF	Modulation Transfer Function
MTFF	Man-Tended Free-Flyer (Raumfahrt/spaceccraft)
MTG	Marine-Technik-Gesellschaft (Hamburg, DE)
MTG	Mikroelektronik- und Technologiegesellschaft (Ostdeutschland)
MTHEL	Mobile Testbed High-Energy Laser (US Army)
MTJ	Magnetic Tunnel Junction
MTMOS	Methyl-Trimethoxysilane
MTN	Mountain (US Mail)
MTN	Multilateral Trade Negotiations
MTO	Mars Telecom Orbiter
MTP	Message Transfer Part
MTS	Methods for Testing and Specification (TC im/in the ETSI)
MTSat	Multifunctional Transport Satellite
MTTF	Mean Time to Failure
MTTR	Mean Time to Repair (or: Restore)
MTU	Multi-Tenant Unit
MTV	Music Television Video
MU	Mauritius (ISO 3166)
MUD	Multi User Dungeon (or: Dimension, or: Dialog, or: Detection) (Rechnernetz-Spiele/computer-net games)
MUFA	Mono Unsaturated Fatty Acids (einfach ungesättigte Fettsäuren)
MuK	Medien- und Kommunikationswissenschaft
MULTOPS	Multi-Level Tree for Online Packet Statistics (Telekommunikation/telecommunication)
MuPAD	Multi-Processing Algebra Data (Tool)
MURA	Midwestern Universities Research Association (USA)
MURI	Multidisciplinary University Research Initiative
MURR	Missouri–Columbia's University Research Reactor
MUSC	Microgravity User Support Center (DLR, Köln-Porz, DE)
MUSE	Multiple Sub-Nyquist-Sampling Encoding
MUSIC	Multiple Signal Classification
MUSIC	Self-Adapting Applications for Mobile Users in Ubiquitous Computing Environmentals

MUSICAM	Masking Pattern Adapted Universal Subband Integrated Coding and Multiplexing (Digitalrundfunk/digital broadcast)
MUT	Micromachined Ultrasonic Transducer
MV	Malediven/Maldives (ISO 3166)
MV	Mecklenburg-Vorpommern (Bundesland/German Federal State)
MVA	Market Value Added
MVB	Multi-Vehicle Bus (Eisenbahntechnik/railway technology)
MVC	Model-View-Controller
MVD	Minimum Vector Dispersion (Bildverarbeitung/picture processing)
MVDR	Minimum Variance Distortionless Response (Signalverarbeitung/signal processing)
MVIP	Multi-Vendor Integration Protocol (Telekommunikation/telecommunication)
MVNO	Mobile Virtual Network Operator(s) (Telekommunikation/telecommunication)
MVST	Multilayer Vertically Stacked Capacitors
MVTS	Multivariable Technological Systems (IFAC Symposium)
MW	Malawi (ISO 3166)
MWA	Mileura Widefield Array (Astrophysik/astrophysics, Antennen/antennae)
MWBD	Marine Wildlife Behavior Database
MWIF	Mobile Wireless Internet Forum (Telekommunikation/telecommunication)
MWK	Ministerium für Wissenschaft und Kunst
MWNT	Multi Wall(ed) Nanotubes
MWR	Microwave Radiometer (ENVISAT)
MWR	Mikrowellen-Radio
MX	Mexiko/Mexico (ISO 3166)
MXCD	magnetischer Röntgenzirkulardichroismus
MXF	Material Exchange Format
Mx-MAC	Multi-Standard Medium Access Control (Telekommunikation/telecommunication)
MY	Malaysia (ISO 3166)
Mya	Million years ago
M-Z	Mach-Zehnder (Interferometer, Modulator)
MZ	Moçambique/Mozambique (ISO 3166)
MZI	Mach-Zehnder-Interferometer
M2E	Mouth-to-Ear (Telekommunikation/telecommunication)
M^{3}D	Maskless Mesoscale Material Deposition
M3R	Marine Mammal Monitoring (Meeresbiologie/marine biology)

N

NA	Namibia (ISO 3166)
NA	Network Aspects (TC im/in the ETSI)
NA	Normenausschuss
NAASC	North American ALMA Science Center (Charlottesville, VA, USA)
NAB	National Association of Broadcasters (of America)
NABU	Naturschutzbund Deutschland
NACA	National Advisory Committee for Aeronautics (USA)
NACCH	Network Access and Connectivity Channel (Datenübertragung/data transmission)
NACCB	National Accreditation Council for Certification Bodies (UK)
NACF	Network Access Configuration Function (Telekommunikation/telecommunication)
NACK	No Acknowledgement (or: Not Acknowledged) (Telekommunikation/telecommunication)
NACP	National Aids Coordination Program (Simbabwe)
NAD	Network Access Domain (Telekommunikation/telecommunication)
NAD	Network Application Division (Telekommunikation/telecommunication)
NAD	Nicotinamid-adenin-dinucleotid
NAD	North Atlantic Drift (Golfstrom/Gulf Stream)
NAE	National Academy of Engineering (USA)
NAECON	National Aerospace and Electronics Conference (USA)
NAFTA	North American Free Trade Area
NAG	Numerical Algorithms Group (UK)
NAGINELS	Non-Aggressive Glass Internal Engraving System
NAH	Nearfield Acoustic Holography
NAHSC	National Automated Highway System Consortium (San Diego, CA, USA)
NAIAS	North American International Auto Show
NAL	Network Abstraction Layer (Telekommunikation/telecommunication)
NALS	Normenausschuss Akustik, Lärmminderung und Schwingungstechnik
NAM	Non-Absorbing Mirror (laser technology)
NAMAS	National Measurement Accreditation Service (UK)
NAMC	[Laboratoire de] Neurobiologie de l'Apprentissage de la Mémoire et de la Communication (Neurobiology of Learning, Memory and Commmunication) (CNRS, Univ. Paris-Sud, FR)
NAMUR	Normenausschuss Mess- und Regeltechnik
NAO	Nordatlantische Oszillation (Wetter/weather)
NAOS	Nasmyth Adaptive Optics System (für/for ESO-VLT)
NAP	Network Access Point (Internet)
NAPT	Network Address and Port Translator (Telekommunikation/telecommunication)
NARIC	National Academic Recognition Information Centre (EU)
NARMAX	Nonlinear Autoregressive Moving Average with Exogeneous Input
NARPA	National Advanced Research Projects Agency
NARTB	National Association of Radio and Television Broadcasters (USA)
NAS	National Academy of Sciences (USA)
NAS	Network Access Server (Telekommunikation/telecommunication)
NAS	Non Access Stratum (Telekommunikation/telecommunication)

NAS	[Scandinavian Acoustical Society]
NASA	National Aeronautics and Space Agency (or: Administration) (USA)
NASDA	National Aeronautics and Space Development Agency (Japan)
NASP	National Aerospace Plane
NASS	Network Access Subsystem (Telekommunikation/telecommunication)
NA/STAG	Network Aspects/Security Techniques Advisory Group (TC im/in the ETSI)
NAT	Network Address Translation (Telekommunikation/telecommunication)
NAT	Nitric Acid Trihydrate (HNO$_3$·3(H$_2$O))
NATLAS	National Testing Laboratory Accreditation Service (UK)
NATO	North-Atlantic Treaty Organization
NAV	Navigation
NAVA	Neurally Adjusted Ventilatory Assist (künstliche Beatmung/artificial respiration)
NB	Narrowband
NB	Normal Burst (Telekommunikation/telecommunication)
NBAP	Node B Application Part (Telekommunikation/telecommunication)
NBAP-d	Node B Application Part Dedicated (Telekommunikation/telecommunication)
NBI	Neutral-Beam Injection (Fusionsreaktortechnik/fusion reactor technology)
NBMA	Non-Broadcast Multiple Access
NB-RAS	Narrowband Remote Access Server (Telekommunikation/telecommunication)
NBRF	National Biomedical Research Foundation (USA)
NBS	National Blood Service (UK)
NBS	National Bureau of Standards (USA, now: NIST)
NC	Network Computer
NC	Neukaledonien/New Caledonia (ISO 3166)
NC	Noise Criteria
NC	Non-Copyright Compliant (Telekommunikation/telecommunication)
NC	North Carolina (US-Staat/US state)
NC	Numeric Control
NCA	Netherlands Centre on Animal Use
NCAC	National Council of Acoustical Consultants (USA)
NCAP	New Car Assessment Program (EU-Norm, Kfz/EU standard for cars)
NCAR	National Center for Atmospheric Research (Boulder, CO, USA)
NCB	Balanced Noise Criteria
NCC	National Computing Centre (UK)
NCC	Network Color Code (Telekommunikation/telecommunication)
NCC	Network Control Centre (Datennetz/data network)
NCEJ	Noise Control Engineering Journal
NCI	National Cancer Institute (Bethesda, MD, USA)
NCI	Non-Coded Information
NCICB	National Cancer Institute Center for Bioinformatics (Bethesda, MD, USA)
NCKU	National Cheng Kung University (Tainan, Taiwan, ROC)
NCL	Nidopallium Caudolaterale (im Vogelgehirn/in birds' brain)
NCLR	Netherlands Centrum voor Laser Research
NCNR	NIST Center for Neutron Research (Gaithersburg, MD, USA)
NCO	Numerical Control Oscillator (Telekommunikation/telecommunication)
NCP	National Contact Point (ESPRIT)
NCPA	National Center for Physical Acoustics (University of Mississippi, USA)
NCRP	National Council on Radiation Protection and Measurements (USA)
NCS	Natural Color System
NCS	Network Control System (Datennetz/data network)
NCS	Non-Crystallographic Symmetry (Festkörperphysik/solid state physics)
NCSA	National Center for (or: of) Supercomputing Applications (USA)
NCSA	National Sound and Communications Association (USA)
NCSU	North Carolina State University
NCSX	National Compact Stellarator Experiment (Fusionsreaktorprojekt, USA, aufgegeben/US fusion reactor project, abandoned 2008)
ND	North Dakota (US-Staat/US state)
NDC	Normalized Device Coordinates
NDDO	New Drug Development Office (Amsterdam, NL, EORTC)
NDE	Non-Destructive Evaluation
NDGF	Nordic Data Grid Facility (DK, FI, NO, SE Allianz/alliance)
NDMA	Network Diversity Multiple Access (Telekommunikation/telecommunication)
NDR	Norddeutscher Rundfunk
NDRC	National Defense Research Committee (USA)
NDS	Netware Directory Services (Telekommunikation/telecommunication)
NDSC	Network for Detection of Atmospheric Change
NDSU	North Dakota State University
NDT	Nondestructive Testing
n.d.Z.	nach der Zeitenwende (= nach Christus/after Christ)
NE	Nebraska (US-Staat/US state)
NE	Network Element (or: Equipment) (Internet)
NE	Niger (ISO 3166)
NEA	Near Earth Asteroid
NEACP	National Emergency Airborne Command Post
NEAR	Near Earth Asteroid Rendezvous
NEASR	Near-Earth Asteroid Sample Return (Satelliten/satellites)
NEBS	Network Equipment Building System (Telekommunikation/telecommunication)
NED	Nanoemissive Display (Flachbildschirm/flat screen)

NED	NASA Extragalactical Database
NEDLIB	Networked European Deposit Library
NEDO	New Energy and Industrial Technology Development Organization (Japan)
NEFZ	Neuer Europäischer Fahrzyklus (Kfz-Test/car standard test)
NEHI	Nanotechnology Environmental and Health Implications (USA)
NEI	Niedrig-Energie-Institut
NEJM	New England Journal of Medicine
NEL	National Engineering Laboratory (UK)
NEL	Network Element Layer (Telekommunikation/telecommunication)
NEM	Network Element Manager (Telekommunikation/telecommunication)
NEMA	National Electrical Manufacturers' Association
NEMO	Nano-Based Capsule-Endoscopy with Molecular Imaging and Optical Biopsy (Medizintechnik/medicine technology)
NeMo	Network and Money (or: Modem) (Telekommunikation/telecommunication)
NEMS	Nano-Electro-Mechanical System
NEO	Near-Earth Orbit
NEOMA	Near Earth Objects Mission Advisory Panel (USA)
NEPA	National Environmental Policy Act (USA)
NEPAD	New Partnership for Africa's Development
NERC	National Environment Information Centre (UK)
NERSC	National Energy Research Scientific Computing Center (Lawrence Berkeley National Laboratory, USA)
NeSC	National e-Science Centre (UK)
NESS	Nonequilibrium Steady State
NEST	New and Emerging Science and Technology (EU, FP6)
net	[Network Organization] (Internet, USA)
NET	New Energy Technology (Solartechnik/solar technology)
NETL	National Energy Technology Laboratory (USA)
NEW	National Engineers Weck
NEWS	Nonlinear Elastic Wave Spectroscopy
NEX	Narita Express (Zug zwischen Flughafen und Tokio/train between airport and Tokyo, JP)
NEXT	Near-End Crosstalk
NEXUS	Network of Excellence on Multifunctional Microsystems
NF	Noise Factor
NF	Norfolkinsel/Norfolk Island (ISO 3166)
NFA	National Fire Agency (z.B./e.g. Taiwan)
NFC	Near Field Communication (Smart Card)
NfD	Nur für den Dienstgebrauch (Geheimhaltung/secrecy)
NFH	Near-Field Holography
NFIB	National Federation of Independent Business (USA)
NFO	New-Forest Observatory (kleines Teleskop in einem Wald in Südengland/a small telescope in Southern England)
NFODD	Near-Field Optical Disk Drive (Datenspeicher/data storage)
NFOEC	National Fiber Optic Engineers Conference
NFS	Network File System
NG	New (or: Next) Generation
NG	Nigeria (ISO 3166)
NGC	New General Catalogue (Astronomie/astronomy)
NGDLC	Next Generation Digital Loop Carrier (Kommunikation/communication)
NGF	Nerve Growth Factor
ngHLR	Next Generation Home Location Register
NGL	Next Generation Lithography
NGMN	Next Generation Mobile Networks (Telekommunikation/telecommunication)
NGN	Next Generation Network (Telekommunikation/telecommunication)
NGNP	Next Generation Nuclear Plant (USA, geplant für etwa 2020/planned for around 2020)
NGO	Non-Government Organisation
NGOSS	New Generation Operations Systems and Software
NGOSS	Next Generation Operations Support Systems
NGS	National Grid Service (UK)
NGSO	Non-Geostationary Satellite Orbit
NGST	Next Generation Space Telescope (Nachfolger des Hubble-Teleskops, geplant/planned successor of the Hubble Space Telescope)
NH	New Hampshire (US-Staat/US state)
NHANES	National Health and Nutrition Examination Survey (USA)
NHCA	National Hearing Conservation Association (USA)
NHK	Nippon hoso kyokai (Japan Broadcasting Corporation)
NHL	Non-Hodkin-Lymphom
NHMFL	National High Magnetic Field Laboratory (Tallahassee, FL; Los Alamos, NM, USA)
NHN	nachhaltige Holznutzung
NHS	National Health Service (UK)
NHS	Nurses Health Study (USA)
NHTSA	National Highway Traffic Safety Administration (USA)
NI	Network Infrastructure (Telekommunikation/telecommunication)
NI	Network Intelligence (Telekommunikation/telecommunication)
NI	Network Interface (Telekommunikation/telecommunication)
NI	Nicaragua (ISO 3166)
NI	Niedersachsen (Bundesland/German Federal State)
NIA	National Information Agency (South Korea)
NIAID	National Institute of Allergy and Infectuous Diseases (USA)
NIAME	Necessary Information About a Microarray Experiment
NIAS	Netherlands Institute for Advanced Study in the Humanities and Social Sciences

NIB	Non-Interference Basis (Telekommunikation/telecommunication)
NIBHI	Northwest Institute for Biohealth Informatics (Manchester, UK)
NIC	Network Information Center
NIC	Network Interface Card
NIC	John von Neumann Institute for Computing (Jülich, DE)
NICHD	National Institute of Child Health and Human Development (Bethesda, MD, USA)
NICHES	New and Innovative Concepts for Helping European Transport Sustainability (EU Projekt/project)
NICMOS	Near Infared Camera and Multi-Object Spectrometer (Astrophysik/astrophysics)
NICT	National Institute of Information and Communications Technology (Japan)
NID	Network Integration Division (Telekommunikation/telecommunication)
NID	Network Interface Device (Telekommunikation/telecommunication)
NIDCD	National Institute on Deafness and Other Communication Disorders (Bethesda, MD, USA)
NIEHS	National Institute of Environmental Health Sciences (USA)
NIF	National Ignition Facility (Lawrence Livermore National Laboratories, USA)
NIFS	National Institute for Fusion Science (Toki City, Japan)
NIH	National Institute of Health (USA)
NIHL	Noise-Induced Hearing Loss
NIL	Nanoimprint Lithography
NILEG	Niedersächsische Landesentwicklungsgesellschaft
NILU	Norwegisches Institut für Luftuntersuchungen
NIM	Nanosystems Initiative Munich (DE)
NIM	Negative Index Material (negativer optischer Brechungsindex/negative optical diffraction index)
NIMA	National Imagery and Mapping Agency (USA)
NIME	Network Information Management Entities (Telekommunikation/telecommunication)
NiMH	Nickel-Metal Hydride (Akku/accumulator)
NIMS	National Institute of Materials Science (Tsukuba, Japan)
NIMS	Near-Infrared Mapping Spectrometer (Galileo)
NIN	Normal Metal–Insulator–Normal Metal (Nanostructure)
NINE	National Institute for Nano-Engineering (Sandia National Laboratories, New Mexico, USA)
NINP	National Institute of Nuclear Physics (IT)
NINT	Northwest Institute of Nuclear Technology (China)
NIOSH	National Institute for Occupational Safety and Health (USA)
NIR	Near-Infrared
NIRIM	National Institute for Research in Inorganic Materials (Japan)
NIRS	Near Infrared Spectroscopy
NIRV	Nederlands Instituut voor Ruimtevaart
NIS	New Independent States (frühere Sowjetunion/former Soviet Union)
NIS	Normal Metal – Insulator – Superconductor (Nanostructure)
NISAC	National Infrastructure Simulation and Analysis Center (USA, seit/since 1999)
NISE	Nanoscale Informal Science Education (Network; NSF, USA, seit/since 2005)
NISO	National Information Standards Organization (USA)
NIST	National Institute of Standards and Technology (USA, vormals/formerly NBS)
N-ISUP	Narrowband ISDN User Part (Telekommunikation/telecommunication)
NIT	Network Information Table
Nitinol	Nickel-Titanium [intermetallic compound developed by the] Naval Ordnance Laboratory (1963)
NJ	New Jersey (US-Staat/US state)
NJIT	New Jersey Institute of Technology
NJP	New Journal of Physics
NK	Nationalkomitee für Kristallographie
NKWD	[Narodny Kommissariat Wnutrennich Del] (sowjetischer Geheimdienst/Soviet Secret Service)
NL	Niederlande/Netherlands (ISO 3166)
NL	Nonlinear
NLBV	Niedersächsisches Landesamt für Bezüge und Versorgung
NLC	Next Linear Collider
NLCTA	Next Linear Collider Test Accelerator
NLE	Non-Linear Effect
NLES	Navigation Land Earth Stations (GPS)
NLfB-GGA	Niedersächsisches Landesamt für Bodenforschung – Geowissenschaftliche Gemeinschaftsaufgaben (Hannover, DE)
NLOS	None Line of Sight (Telekommunikation/telecommunication)
NLP	Natural Language Processing
NLR	Nationaal Lucht- en Ruimtevaartlaboratorium
NLR	Noise Level Reduction
NLRC	NASA Langley Research Center (Hampton, VA, USA)
NLS	Nonlinear Least Squares (Parameterschätzung/parameter estimation)
NLU	Natural Language Understanding (Sprachverarbeitung/speech processing)
NM	Nautical Mile/nautische Meile (1 NM = 1852 m)
NM	Network Manager (or: Management) (Telekommunikation/telecommunication)
NM	New Mexico (US-Staat/US state)
NM	Neuer Markt
NMC	Network Management Centre (Telekommunikation/telecommunication)
NMD	National Missile Defense (USA)
NMI	Natural Marketing Institute (USA)
NMI	Network Management Interface (Telekommunikation/telecommunication)
NMI	NSF Middleware Initiative
NML	Network Management Layer (Telekommunikation/telecommunication)
NMN	Niedersächsischer Monographiennachweis
NMO	Network Mode of Operation (Telekommunikation/telecommunication)
NMOS	N-Channel MOS

NMP	Nitroxide-Mediated Polymerization
NMR	Network Measure Radio (Telekommunikation/telecommunication)
NMR	Network Measurement Results (Telekommunikation/telecommunication)
NMR	Nuclear Magnetic Resonance
NMS	National Measurement System (UK)
NMS	Network Management System (Rechnernetz/computer network)
NMSI	National Math and Science Initiative (USA)
NMT	Noise Monitoring Terminal
NMT	Nordic Mobile Telephone
NN	Neural Network
NNI	National Nanotechnology Initiative (USA)
NNI	Network to Node (or: Network) Interface (Rechnernetz/computer network)
NNI	Noise/News International (Journal)
NNIN	National Nanotechnology Infrastructure Network
NNL	National Nuclear Laboratory (UK)
NNPA	Nuclear Non-Proliferation Act
NNSA	National Nuclear Security Administration (DoE, USA)
NNTT	National New Technology Telescope (USA, war geplant, ist aber nicht realisiert/abandoned)
NNV	Nederlandse Natuurkundige Vereniging
NO	Norwegen/Norway (ISO 3166)
NOAA	National Oceanic and Atmospheric Administration (Princeton, NJ, USA)
NOAE	Network of Automotive Excellence
NOAO	National Optical Astronomy Observatory (USA)
NOC	Network Operating (or: Operation(s)) Center (Telekommunikation/telecommunication)
NODC	National Oceanographic Data Center (NOAA, Silver Spring, MD, USA)
NOE	Neutrino Oscillation Experiment (Gran Sasso, IT)
NOEKS	Nonlinear Optics and Excitation Kinetics in Semiconductors
NOESY	Nuclear Overhauser Effect Spectroscopy
NOISE-CON	National Conference on Noise Control Engineering (USA)
NOL	Naval Ordnance Laboratory (USA)
NOLM	Nonlinear Optical-Loop Mirror
NOMAD	Neutrino Oscillation Magnetic Detector (CERN)
NOMS	Network Operations and Management
NORAD	North American Air (or: Aerospace) Defense (Command)
NORDITA	Nordic Institute for Theoretical Physics (Copenhagen, DK)
NOS	National Optical Society (in Europe)
NOS	Network Operating System (Telekommunikation/telecommunication)
NOVEM	Noise and Vibration: Emerging Methods (Conference series)
NOW	Network of Workstaions
NoW	Networks on Wheels
NP	Nepal (ISO 3166)
NP	Nondeterministic Polynomial
NP	Nuclear Physics
NPA	Network Performance Analysis (or: Analyzer) Telekommunikation)
NPC	Nomadic Personal Communications
NPE	Network Protection Equipment (Kommunikation/communication)
NPE	Nuclear Physics Electronic
NPI	Norwegian Polar Institute
NPL	National Physical Laboratory (Teddington, UK)
NPOI	Navy Prototype Optical Interferometer (Lowell Observatory, Anderson Mesa, near Flagstaff, AZ, USA)
NPP	Net Primary Production (Pflanzenmasse/plant mass)
NPRM	Notice of Proposed Rulemaking (Telekommunikation/telecommunication)
NPT	Non-Proliferation Treaty (Atomsperrvertrag)
NPV	Net Present Value (Telekommunikation/telecommunication)
NQR	Nuclear Quadrupole Resonance
NR	Nauru (ISO 3166)
NR	Noise Rating
NRAO	National Radio Astronomy Observatory (USA)
NRC	National Research Council (USA)
NRC	Network Resource Control (Telekommunikation/telecommunication)
NRC	Non-Resonant Cavity (LED)
NRC	Nuclear Regulatory Commission
NRCT	National Research Council of Thailand
NRDC	National Research and Development Corporation (London, GB)
NRDC	Natural Resources Defense Council (USA)
NRE	Non-Recurring Engineering and Tooling (Produktions-Kostenanalyse/analysis of production costs)
NREL	National Renewable Energy Laboratory (Golden, CO, USA)
NREN	National Research and Education Network (USA et al.)
NRI	Newton-Raphson Inverse (Algorithmus/algorithm)
NRIM	National Research Institute for Metals (Tsukuba, Japan)
NRIM	Network Resource Information Model
NRL	Naval Research Laboratory (Washington, DC, USA)
NRO	National Reconnaissance Office (USA)
NRQM	Nichtrelativistische Quantenmechanik
NRT	Non-Real Time
nrtPS	Non Real-Time Packet Service (Telekommunikation/telecommunication)
NRW	Nordrhein-Westfalen
NRZ	Nationales Referenzzentrum

NRZ	Non-Return-To-Zero (Telekommunikation/telecommunication)
NSA	National Security Agency (USA)
NSAC	Nuclear Science Advisory Committee (USA)
NSAID	Nonsteroidal Anti-Inflammatory Drugs (Antirheumatika/cure for rheumatism)
NSAR	nichtsteroidale Antirheumatika
NSB	National Science Board (USA)
NSB	New Steel Body (Automobiltechnik/vehicle technology)
NSBF	National Scientific Balloon Facility (NASA)
NSBP	National Society of Black Physicists (USA)
NSC	National Security Council (USA)
NSCA	National Sound and Communications Association (USA)
NSCL	National Superconducting Cyclotron Laboratory (Michigan State University, USA)
NSCM	No-Core Shell Model (Kernphysik/nuclear physics)
NSD	Network Services Division
NSE	Nuclear Statistical Equilibrium (Kosmologie/cosmology)
NSEC	Nanoscale Science and Engineering Center (USA, NSF)
NSERC	Natural Sciences and Engineering Research Council (USA)
NSF	National Science Foundation (USA)
NSFC	Natural Science Foundation of China
NSFNET	National Science Foundation Network (USA)
NSG	Network Strategy Group (Telekommunikation/telecommunication)
NSG	Nuclear Suppliers Group („Londoner Gruppe")
NSI	Negatively Scarfed Intake (neue Flugzeug-Düsenform/new aircraft nozzle shape)
NSIC	National Storage Industry Consortium, Inc. (Hersteller von Datenspeichern, USA)
NSLS	National Synchrotron Light Source (Brookhaven National Laboratory, Long Island, NY, USA)
NSM	National Society Member (EPS etc.)
NSM	Network and Service Management (Telekommunikation/telecommunication)
NSOM	Near-Field Scanning Optical Microscope (or: Microscopy)
NSP	National Space Policy (USA)
NSP	Network Service Point (or: Provider, or: Platform) (Internet)
NSPE	National Society of Professional Engineers
NSRT	Non-Sequential Ray Tracing
NSS	Network Subsystem (Telekommunikation/telecommunication)
NSS	Neutraler Salzsprühtest (auf Korrosionsbeständigkeit/test on corrosion resistance)
NSS	Non-Stop Service (Telekommunikation/telecommunication)
NSSA	Neutron Scattering Society of America
NSSEFF	National Security Science and Engineering Faculty Fellowship (DOD, USA)
NSSK	North-South Station Keeping (Satelliten/satellites)
NST	Nanosciences and Technologies
NSTA	National Science Teachers Association (USA)
NSTC	National Science and Technology Council (USA)
NSTX	National Spherical Torus Experiment (PPPL, Princeton, NJ, USA)
NSUB	Niedersächsische Staats- und Universitätsbibliothek (Göttingen, DE)
NSWC	Naval Surface Warfare [früher/formerly: Weapons] Center (Silver Spring, MD, USA)
NT	Network Termination (Datennetze/data networks)
NTCP	Normal Tissue Complication Probability (Onkologie/oncology)
NTG	Nachrichtentechnische Gesellschaft (im/in the VDE)
NTIA	National Telecommunications and Information Administration (Telekommunikation/telecommunication)
NTIS	National Technical Information Service (Datenbank/data bank, USA)
NTO	Nitrotriazolon (Sprengstoff/explosive)
NTP	Network Time Protocol (Telekommunikation/telecommunication)
NTS	Nevada Test Site (Kernwaffentest/nuclear weapons tests)
NTS	Nuclear Test Site
NTSC	National Television System Committee (Fernsehnorm/TV standard, USA)
NTT	New Technology Telescope (ESO, La Silla, Chile, 3,5 m Durchmesser/3.5 m diameter)
NTT	Nippon Telegraph and Telephone Corporation (Japan)
NTU	National Taiwan University
NTZ	Nachrichtentechnische Zeitschrift
NU	Niue (ISO 3166)
NuPECC	Nuclear Physics European Collaboration Committee
NUPRL	Northwestern University Prosthetics Rehabilitation Laboratory (USA)
NURC	NATO Undersea Research Centre (La Spezia, IT)
NUREG	U.S. Nuclear Regulatory Commission
NUSC	Naval Underwater Systems Center (USA)
NUWC	Naval Undersea Warfare Center (Newport, RI, USA)
NV	Nevada (US-Staat/US state)
NV	Nitrogen Vacancy (Stickstoff-Fehlstelle, für Quantenkryptographie interessant/of interest for quantum cryptography)
NVALP	National Voluntary Laboratory Accreditation Program (USA)
NVH	Noise, Vibration and Harshness
NVM	Non Volatile Memory
NVO	National Virtual Observatory (USA, geplant für/planned for 2010)
NVOD	Near Video-On-Demand
NVP	Network Voice Protocol (Telekommunikation/telecommunication)
NVRAM	Non-Volatile RAM
NVT	National Variety Trials (Datenbank/database, AU)
NVV	Nichtverbreitungsvertrag (Atomwaffen/non-proliferation treaty, 1968)
NVvL	[Niederländische Aeroakustische Gesellschaft/Netherland's Aeroacoustic Society]
NW	Network (Telekommunikation/telecommunication)

NW	Nordrhein-Westfalen (Bundesland/German Federal State)
NWB	Niedergeschwindigkeits-Windkanal Braunschweig (DE)
NWK	Network Analyser (DECT)
NWK	Nuklearwaffenkonvention
NWO	Nederlandse Organisatie voor Wetenschappelijk Onderzoek (Niederländische Wissenschaftsorganisation/Netherland's science organization)
NY	New York (US-Staat/US state)
NYAS	New York Academy of Sciences
NYCTA	New York City Transit Authority (Eisenbahntechnik/railway technology)
NYU	New York University
NZ	Neuseeland/New Zealand (ISO 3166)
NZDSF	Non-Zero Dispersion Shifted Fiber (Glasfaser/glass fiber)
NZN	Niedersächsischer Zeitschriftennachweis
NZZ	Neue Zürcher Zeitung

O

OA	Outgoing Access
OAA	Outstanding Alumni of Achievement (US Universities)
OAAC	Optical Aerial Attached Cable
OADM	Optical Add-Drop Multiplexer (optische Telekommunikation/optical telecommunication)
OAE	Otoacoustic Emission, Otoakustische Emission(en)
OAI	Open Archives Initiative
OAIS	Open Archival Information System
ÖAL	Österreichischer Arbeitsring für Lärmbekämpfung
OA[&]M	Operation, Administration and Maintenance (Telekommunikation/telecommunication)
OAMP	OAM Provisioning
OAN	Optical Access Node (Glasfasernetz/glass fiber net)
OAP	Ophthalmologischer Arbeitsplatz
OARE	Online Access to Research in Environment
OAS	Open Access Service (Telekommunikation/telecommunication)
OAS	Operator Assisted Service (Telekommunikation/telecommunication)
OAS	Optical Aperture Synthesis
OASIS	Optimal Architecture Sensor Interface System
OASIS	Organization for the Advancement of Structural Information Standards
OAT	Ocean Acoustic Tomography
OATA	Ornamental Aquatic Trade Association (Europäische Handelsorganisation)
OATC	Open Area Test Site
OAU	Organization of African Unity
OAWRS	Ocean Acoustics Waveguide Remote Sensing
ÖBB	Österreichische Bundesbahn
OBD	Optical Duobinary (Modulation)
OBDH	On Board Data Handling Subsystem (Satelliten/satellites)
OBDMS	Object-Oriented Database Management System
OBL	Outside Broadcasting Link
OBMC	On Board Multimedia Controller (Telekommunikation/telecommunication)
OBMM	On Board MPEG Processor (Satelliten-Telekommunikation/satellite telecommunication)
OBMP	On Board Multimedia Processor (Telekommunikation/telecommunication)
OBP	On Board Processing (or: Processor)
OBS	Optical Burst Switch (Telekommunikation/telecommunication)
OBU	On-Board Unit (Maut-Erfassungssystem/toll registration system)
OBW	Occupied Bandwidth (Telekommunikation/telecommunication)
OCaB	Outgoing Call Barrier
OCAP	Open Cable Application Platform (Telekommunikation/telecommunication)
OCC	Operation Control Center (ESOC)
OCCAM	Open Conditional Content Analysis Management (Telekommunikation/telecommunication)
OCD	Optical Core Device (optische Telekommunikation/optical telecommunication)
OCDM	Optical Code Division Multiplexing (optische Telekommunikation/optical telecommunication)
O-CDMA	Optical Code Division Multiple Access (Glasfasernetz/glass fiber net)
OCF	On-Line Charging Function
OCH	Optical Channel (optische Telekommunikation/optical telecommunication)
OCh-SPRING	Optical Channel Shared Protection Ring (optische Telekommunikation/optical telecommunication)
OCME	Office of the Chief Medical Examiner (New York)
OCR	Optical Character Recognition (Computer-lesbare Schrift/computer-reading of letters)
OCRWM	Office of Civilian Radioactive Waste Management (USA)
OCS	One Channel Safe (Telekommunikation/telecommunication)
OCT	Optical Coherence Tomography, Optische Kohärenztomographie (Augendiagnostik/eye diagnostics etc.)
OCT	Optical Component Test
OCX	[Dateinamenerweiterung: Programmdatei/file name extension: program file]
OC3	Optical Carrier 3 (155.52 Mbit/s) (optische Telekommunikation/optical telecommunication)
ODAC	Oil Depletion Analysis Centre
ODB	Operations Database (Satelliten/satellites)
ODBC	Open Data Base Connectivity (Telekommunikation/telecommunication)
ODC	Ornithindecarboxylase
ODD	Optical Disk Drive
ODE	Ordinary Differential Equation
ODG	Objective Difference Grade (Telekommunikation/telecommunication)
ODL	Object Definition Language (Telekommunikation/telecommunication)

ODL	Open and Distance Learning (EU-Programm/EU program)
ODP	Ocean Drilling Project (or: Program)
ODP	Open Distributed Processing
ODS	Ozone-Depleting Substance
ODT	Order–Disorder Transition
ODX	Open Diagnostic Data Exchange
OE	Orientierungseinheit (Vorstudium)
OEA	Organic Electronics Association
OECD	Organization for Economic Cooperation and Development
OEIC	Optoelectronic Integrated Circuit, opto-elektronischer IC
OEL	Organic Electro-Luminescent (Display)
OELR	Overall Echo Loudness Rating (Telekommunikation/telecommunication)
OEM	Optoelectronic Modulator (or: Mixer)
OEM	Original Equipment Manfacturer
OENN	Optoelectronic Neural Network
O/E/O	Optical Electronic Optical (optische Telekommunikation/optical telecommunication)
OEOB	Old Executive Office Building (USA, White House)
OET	Optoelectronic Tweezers
OFA	Optical Fiber Amplifier
OFAC	Office of Foreign Assets Control (USA)
OFAT	One-Factor-at-a-Time (Experimentiertechnik/experimental technique)
OFC	Optical Fiber Communication
OFC	Optical Frequency Comb
OFCCC	Optical Fiber Cable Competence Center
OFDM	Optical (or: Orthogonal) Frequency Division Multiplexing (Telekommunikation/telecommunication)
OFDMA	Orthogonal Frequency Division Multiple Access (Telekommunikation/telecommunication)
OFET	Organischer Feldeffekt-Transistor (optische Telekommunikation/optical telecommunication)
OFI	Optical Field Ionization
OFI	Ornamental Fish International (Handelsorganisation/trade organisation)
OFIS	Optical Fiber Infrasound Sensor
OFM	Optofluidic Microscopy
OFMeC	Optical Fibre Measurement Club (UK)
OFW	Oberflächenwellen
OG	Optical Gateway (optische Telekommunikation/optical telecommunication)
ÖGAI	Österreichische Gesellschaft für Artificial Intelligence
OGLE	Optical Gravitational Lens Experiment
OGP	Orientierungsgeschwindigkeitsprofil (Kfz-Simulation/car simulation)
OGSA	Open Grid Services Architecture (Rechnernetz/computer network)
OGY	Ott–Grebogi–Yorke (Control)
OH	Ohio (US-Staat/US state)
OHANA	Optical Hawaii(an) Array for Nanoradiation Astronomy
OHG	Offene Handelsgesellschaft
OHG	Operator Harmonization Group (Telekommunikation/telecommunication)
ÖIB	Örtliche Initiativen zur Beschäftigung von Frauen (EU)
OIC	Organization of the Islamic Conference
OICETS	Optical Inter-Orbit Communications Engineering Test Satellite (JAXA)
OIDA	Optoelectronic Industry Development Association (USA)
OIE	Office International des Épizooties (Weltgesundheitsorganisation/World Health Organization)
OIF	Ocean Iron Fertilization (zur CO_2-Bindung im Meerwasser/for seawater CO_2 deposition)
OIF	Optical Internet Working Forum (optische Telekommunikation/optical telecommunication)
OIS	Optical Image Stabilizer, optischer Bildstabilisator
OJPS	Online Journal Publishing Services (AIP)
OK	Oklahoma (US-Staat/US state)
OL	Output Layer (neuronales Netz/artificial neural network)
OLA	Optical Line Amplifier (optische Telekommunikation/optical telecommunication)
OLE	Object Linking and Embedding (Programmierung/programming)
OLE	Opto (since 2006: Optics) & Laser Europe (Journal, Bristol, UK)
OLED	Organic Light-Emitting Diode (or: Device), organische Licht emittierende Diode
OLEDoS	OLED on Silicon
OLGA	Online Guideline Assist (Medizintechnik/medicine technology)
OLLA	Organic LEDs for ICT and Ligthing Application (EU project)
OLPC	One Laptop per Child (Initiative für Entwicklungsländer/initiative forr developing countries)
OLS	On-Line Service (Internet)
OLT	Optical Line Termination (or: Terminal) (optische Telekommunikation/optical telecommunication)
OLTE	Optical Line Termination Equipment
OLTP	Online Transaction Processing
OM	Oman (früher Maskat und Oman/former Muscat and Oman) (ISO 3166)
OM	Operational Mode (Telekommunikation/telecommunication)
OM	Optical Monitor (XMM)
O&M	Operation(s) and Maintenance
OMA	Open Mobile Alliance (Mobilfunk/mobile radio)
OMA	Operational Modal Analysis
OMA-BCAST	Open Mobile Alliance – Broadcast (Telekommunikation/telecommunication)
OMAC	Open Modular Architecture Controller
OMB	Office of Management and Budget (USA, White House)
OMC	Operation(s) and Maintenance Center (Telekommunikation/telecommunication)
OMC	Optical Metrology Centre
OMC-CN	Operation and Maintainance Center – Care Network (Telekommunikation/telecommunication)

OMCI	Optical Network Termination Management and Control Interface (optische Telekommunikation/optical telecommunication)
OMCR	Operation and Maintainance Center – Radio (Telekommunikation/telecommunication)
OMF	Observation Markup Format
OMG	Object Management (or: Modelling) Group
OMI	Open Microprocessor Systems Initiative
OMI	Optical Modulation Index
OMO	Oxidation Mechanism Observations (Research project for HALO)
OMS	Operations and Maintenance Station (Telekommunikation/telecommunication)
OμS	Optical Microsystems (Congress)
OMS	Optical Monitoring System
OMS	Optical Multiplex Station (Telekommunikation/telecommunication)
OMSG	Optinex$^{\mathrm{TM}}$ (or: Optical) Multi-Service Gateway (optische Telekommunikation/optical telecommunication)
OMSN	Optinex$^{\mathrm{TM}}$ (or: Optical) Multi-Service Node (optische Telekommunikation/optical telecommunication)
OMT	Object Modelling (and) Technique
OMUX	Output Multiplexer (Telekommunikation/telecommunication)
ON	Optical Network (Telekommunikation/telecommunication)
ONAC	Office of Noise Abatement and Control (Environment Protection Agency, USA)
ONERA	Office National d'Etudes et de Recherches Aérospatiales
ONP	Open Network Provision(ing)
ONR	Office of Naval Research (Arlington, VA, USA)
ONSA	Organization for Nucleotide Sequencing and Analysis (São Paulo, BR)
ONT	Optical Network(ing) Termination (optische Telekommunikation/optical telecommunication)
ONTA	Oxynitrotriazol (Sprengstoff/explosive)
ONU	Optical Network Unit
OO	Object-Oriented, objektorientiert
OODB	Object-Oriented Database
OOK	On-Off Keying (Datenübertragung/data transfer)
OOP	Object-Oriented Program(ming), objektorientierte(s) Programm(entwicklung)
OOR	Object-Oriented Rendering (Algorithmen/algorithms)
OOT	objektorientierter Test
O&P	Optics and Photonics
OP	Organizational Partners
OP A/D	Optical Packet Add/Drop (optische Telekommunikation/optical telecommunication)
OPA	Operational Path Analysis
OPAL	Optical Access Line, optische Anschlussleitung (Telefon/telephone)
OPAL	Organische Phosphorezenzleuchtdioden für Applikationen im Lichtmarkt (BMBF-Projekt)
OPC	Optical Phase Conjugator
OPCPA	Optical Parametric Chirped-Pulse Amplification
OPDL	Optically Powered Data Link (optische Telekommunikation/optical telecommunication)
OPEC	Organization of Petrol Exporting Countries, Organisation Erdöl exportierender Staaten
OPEN	Optical Pan-European Network
OPEP	One-Pion Exchange Potential
OPERA	Optics and Photonics in the European Research Area
OPERA	Oscillation Project with Emulsion-Tracking Apparatus (Neutrino-Detektor/neutrino detector, Gran Sasso, IT)
OPEX	Operating (or: Operational) Expenditure (or: Expenses)
ÖPG	Österreichische Physikalische Gesellschaft
OPGW	Optical Ground Wire (Glasfasernetz/glass fiber net)
OPIMA	Open Platform Initiative for Multimedia Access (Telekommunikation/telecommunication)
OPIT	Oxide Powder in Tube
ÖPNV	Öffentlicher Personen-Nahverkehr
OPO	Optical Parametric Oscillator
OPP	Optical Precipitate Profiler
OPQSK	Offset QPSK (Telekommunikation/telecommunication)
OPS	Official Production System
OPS	Optical Path Switch (Telekommunikation/telecommunication)
OPS	Optical Protection System (optische Telekommunikation/optical telecommunication)
OPS	Optically Pumped Semiconductor (Laser)
OPSL	Optically Pumped Semiconductor Laser
OPZ	Operationszentrale
OR	Operation Room
OR	Oregon (US-Staat/US state)
ORACLE	Opportunistic Radio Communications in Unlicensed Environments
ORACLS	Optimal Regulator Algorithms for the Control of Linear Systems (CAD-System, NASA 1980)
ORATOS	Orbit and Attitude Operations Subsystem (Satelliten/satellites)
ORB	Object Request Broker (Telekommunikation/telecommunication)
ORC	Organic Rankine Cycle (Geothermie/geothermy)
ORCHESTRA	Open Architecture and Spatial Data Infrastructure for Risk Management (EU project)
ORE	Office de Recherche et d'Essais
ORF	Österreichischer Rundfunk
ORFEO	Optical and Radar Federation for Earth Observation
org	[other organizations] (Internet, USA)
ORI	Office of Research Integrity (USA)
ORINOKO	Operative regionale integrierte und optimierte Korridorsteuerung (Straßenverkehrssteuerung/road traffic control)
ORM	Observatorio del Roque de los Muchachos (La Palma)
ORMAK	Oak Ridge Tokamak (Fusionsreaktortechnik/fusion reactor technology, Oak Ridge National Laboratory, TN, USA)
ORMOCER	Organically Modified Ceramic
ORNL	Oak Ridge National Laboratory (TN, USA)

ORSTOM	[Internationale Hilfsorganisation Frankreichs/international relief organisation of France]
OS	Open Services
OS	Operating (or: Operations) System
OSA	Open Service Architecture (Telekommunikation/telecommunication)
OSA	Optical Society of America
OSB	Oriented Structural (or: Strand) Board (Spanplatte/chipboard)
OSC	Optical Supervisory Channel (Glasfasernetz/glass fiber net)
OSC	Outbound Signalling Channel (Telekommunikation/telecommunication)
OSC	Oxford Supercomputing Centre (UK)
OSD	On Screen Display (Funktionsanzeige auf TV-Schirm)
OSDE	Open Systems (or: Service) Development (or: Delivery) Environment (Telekommunikation/telecommunication)
OSF	Open Software Foundation
OSF	Operation System Function
OSHA	Occupational Safety and Health Administration (Washington, DC, USA)
OSI	Open Source Initiative
OSI	Open Systems Interconnection (Datennetze/data networks)
OSI	Optical (or: Orbiting) Stellar Interferometer
OSIRIS	Off-Shore Integrated Robotic Inspection System
OSNCP	Optical Subnetwork Connection Protection (optische Telekommunikation/optical telecommunication)
OSNR	Optical Signal-to-Noise Ratio (optische Telekommunikation/optical telecommunication)
OSP	Open Services Platform (Telekommunikation/telecommunication)
OSPF	Open Shortest Path First (Internet)
OSRD	Office of Scientific Research and Development (USA)
OSS	Office of Strategical Services (USA)
OSS	Operation(s) (or: Operational) Support System (Internet)
OSSE	Oriented Scintillation Spectrometer Experiment
OSSI	Operations Support System Interface (Telekommunikation/telecommunication)
OST	Observatoire des Sciences et des Techniques (FR)
OST	Office of Science and Technology (UK, USA)
OSTP	Office of Science and Technology Policy (USA, White House)
OSZE	Organisation für Sicherheit und Zusammenarbeit in Europa
OTA	Office of Technology Assessment (USA, Congress)
OTA	Optical Telescope Assembly
OTAP	Over the Air Performance (Handy/Mobile Phone)
OTAR	Over the Air Refill (Handy/Mobile Phone)
OTC	One Touch Com (Telekommunikation/telecommunication)
OTC	Optical Coherence Tomography
OTCCD	Orthogonal Transfer Array CCD (Gigapixel-Kamera, Teleskop/gigapixel camera, telescope in Maui, HI, USA)
OTD	Observed Time Difference (Telekommunikation/telecommunication)
OTDM	Optical Time Division Multiplexing (optische Telekommunikation/optical telecommunication)
OTDOA	Observed Time Difference of Arrival (Telekommunikation/telecommunication)
OTDR	Optical Time Delay (or: Domain) Reflectometry
OTD-Sim	Order to Delivery Simulation
OTFT	Organic Thin-Film Transistor
OTH	Optical Transport Hierarchy (optische Telekommunikation/optical telecommunication)
OTN	Open Transport Network (Verkehrsleitsystem/traffic guidance)
OTN	Optical Transmission (or: Transport) Network (optische Telekommunikation/optical telecommunication)
OTP	One Time Password
OTS	Off-the-Shelf
OTS	Optical Transmission System (optische Telekommunikation/optical telecommunication)
OU	Open University (UK)
OVC	Optical Variance Coronagraph (Astronomie/astronomy)
OVC	Output Variance Constraint
OVL	Optical Vortex Lens (Astronomie/astronomy)
OVRO	Owens Valley Radio Observatory
OWL	Ostwestfalen-Lippe
OWL	Overwhelmingly Large (Teleskop/telescope)
OWL	Web Ontology Language (semantisches Netz/semantic net)
OWS	Optical Wavelength Switched (optische Telekommunikation/optical telecommunication)
OXC	Optical Cross Connect (optische Telekommunikation/optical telecommunication)
OZIPM	Ozone Isopleth Plotting with Optional Mechanism

P

P...	Peta (Präfix/prefix): 10^{15}
P-Wellen	Kompressionswellen (Geophysik/geophysics)
PA	Panama (ISO 3166)
PA	Pennsylvania (US-Staat/US state)
PA	Plasminogenaktivator (Genetik/genetics)
PA	Power Amplifier
PAA	Polyacrylic Acid
PABX	Private Automatic Branch Exchange, Private digitale Nebenstellenanlage (Telekommunikation/telecommunication)
PAC	Particle Accelerator Conference (alle 3 Jahre/every 3 years)
PAC	Perturbed Angular Correlation
PAC	Planetary Astronomy Committee (NASA)
PAC	Processing and Archiving Center
PAC	Programme Advisory Committee (TC im/in the ETSI)
PACAP	Pituitary Adenylate Cyclase Activating Polypeptide (ein Neuropeptid/a neuropeptide)

PACE	Planar Articulating Controls Experiment
PACE	Programme de recherche sur l'Aval du Cycle Electronucléaire
	(CNRS, FR, zur Entsorgung radioaktiver Abfälle/disposal of radioactive waste)
PACF	Phosphoric Acid Fuel Cell (auch/also: PAFC)
PACS	Photoconductor Array Camera and Spectrometer (FIRST)
PACS	Physics and Astronomy Classification Scheme
PACS	Picture Archiving and Communications System
PACT	Parallel Architecture and Compilation Techniques (Conference)
PAD	Packet Assembly/Disassembly
PAD	Perturbed Angular Distribution
PAE	Power Added Efficiency
PAF	Portable Application Format (PDF converter)
PAFC	Phosphoric Acid Fuel Cell (auch/also: PACF)
PAH	Polycyclic Aromatic Hydrocarbon
PAH	Pulmonale arterielle Hypertonie
PAI	Plasminogenaktivator-Inhibitor (Genetik/genetics)
PAK	Polyzyklische aromatische Kohlenwasserstoffe
PAL	Permissive Action Link
PAL	Phase Alternation Line (Fernsehen/TV)
PAL	Photo-Activated Localization (Microscopy)
PAL	Pohang Accelerator Laboratory (Korea)
PALA	Platform of Applications of Lasers in Aquitaine (Bordeaux, FR)
PALAOA	Perenniel Acoustic Observatory in the Antarctic Ocean
PALC	Plasma Addressed Liquid Crystal
PALM	Photoactivated Localization Microscopy
PALS	Photoacoustic Laser Spectroscopy
PALS	Prague Asterix Laser System
PALV	Personal Air and Land Vehicle
PAM	Passive Acoustic Monitoring (Meeresbiologie/marine biology)
PAM	Puls-Amplituden-Modulation, Pulse-Amplitude Modulation
PAMA	Preassigned Multiple Access (Telekommunikation/telecommunication)
PAN	Personal Area Network (Telekommunikation/telecommunication)
PAN	Polyacrylonitrile
PANDOWAE	Predictability and Dynamics of Weather Systems in the Atlantic–European Sector (for better weather forecast)
PANS	Probing Acceleration now with Supernovae (Astrophysik/astrophysics)
PanSTARRS	Panoramic Survey Telescope and Rapid Response System (Astrophysik/astrophysics)
PAP	Password Authentication Protocol (Telekommunikation/telecommunication)
PAPS	Personal Assistent for Public Transport Systems
PARC	Palo Alto Research Center (Xerox)
PARCOR	Partial Correlation
PARI	Pisgah Astronomical Research Institute (Rosman, NC, USA)
PARTNER	Partnership for Air Transportation Noise and Emissions Reduction (gegründet/founded Sept. 2003)
PAS	Pädagogische Arbeitsstelle des deutschen Volkshochschulverbandes (Frankfurt/M., DE)
PAS	Photoacoustic Spectroscopy
PAT	Persistent Association Technology (Telekommunikation/telecommunication)
PAT	Pilot-Assisted Transmission (Telekommunikation/telecommunication)
PAT	Port Address Translation (Telekommunikation/telecommunication)
PAT	Process Analytical Technology
PAT	Program Association Table (Telekommunikation/telecommunication)
PATU	PanAfrican Telecommunication Union
PAY	Physics Achievement Year
PBB	Polybrominated Biphenyl
PBB	Provider Backbone Bridge (Telekommunikation/telecommunication, Ethernet)
PBCC	Packet Binary Convolutional Coding (Telekommunikation/telecommunication)
PBDE	polybromierte Diphenylether, Polybrominated Diphenyl Ether
PBET	Photonic Basis for Engineers and Technicians (California, USA)
PBG	Phononic Band Gap
PBH	Physikzentrum Bad Honnef (DPG)
PBI	Physics-Based Industries
PBMR	[Gas-] Pebble-Bed Modular Reactor (Kernreaktor, geplant für 2014
	in Südafrika/nuclear plant, planned for 2014 in South Africa)
PBN	pyrolytisches Bornitrid
PBO	Plate Boundary Observatory (Geodäsie/geodesy)
PBO	Polybenzobioxazol
PBS	Primer-Bindungsstelle (in RNA)
PBT	Polybutylenterephthalat, Poly Butylene Terephthalate
PBWA	Plasma Beat-Wave Accelerator
PBX	Plastic Bonded Explosive (Sprengstoff/explosive)
PBX	Private Branch Exchange (Internet)
PBX-M	Princeton Beta Experiment – Modified (Fusionsreaktortechnik/fusion reactor technology)
PC	Personal Computer
PC	Phononic Crystal
PC	Polycarbonat
PC	Project Completion
PCA	Principal Component Analysis (= HKA)
PCA	Proportional Counter Array (beim/at the RXTE)
PCAST	President's Committee of Advisors on Science and Technology (USA)
PCB	polychlorierte Biphenyle

PCB	Printed Circuit Board
PCC	Partial Correlation Coefficient
PCC	polychloriertes Camphen
P-CCPCH	Primary Common Control Physical Channel (Telekommunikation/telecommunication)
PCD	Passive Cavitation Detector
PCD	Power Control Device
PCDE	Peak Code Domain Error (Telekommunikation/telecommunication)
PCF	Photonic Crystal Fibre
PCF	Polymer Cladded Fiber (optische Telekommunikation/optical telecommunication)
PCG	Project Coordination Group (Telekommunikation/telecommunication)
PCI	Peripheral Component Interconnect (Datenbus/data bus)
PCIMG	PCI Industrial Computers Manufacturers Group
PCM	Parallel Climate Model
PCM	Phase Change Material
PCM	Puls-Code-Modulation
PCMCIA	Personal Computer Memory Card International Association
PCN	Personal Communications Network
PCO	Point of Control and Observation (Telekommunikation/telecommunication)
PCO	Public Call Office (Telefon/telephone)
PCP	Pentachlorphenol
PCPEP	Primary Common Control Physical Power (Telekommunikation/telecommunication)
PCR	Peak Cell Rate (Telekommunikation/telecommunication)
PCR	Polymerase Chain Reaction (Biotechnologie/biotechnology)
PCR	Predictive Control of Reactors
PCR	Principal Component Regression
PCR	Program Clock Reference (Telekommunikation/telecommunication)
PCS	Personal Communications Service (or: System)
PCS	Photon Correlation Spectroscopy
PCS	Plastic-Clad Silica
P-CSCF	Proxy-Call State (or: Session) Control Function (Telekommunikation/telecommunication)
PCSS	Personal Communication Satellite Systems
PCST	[International Network on] Public Communication of Science and Technology
PCT	Patent Cooperation Treaty
PCTF	Plated Copper on Thick and Thin Film (Technology)
PCTJ	Parallel Connected Twin Junction (Infrarotastronomie/infrared astronomy)
PCU	Packet Control Unit (Telekommunikation/telecommunication)
PCU	Power Conditioning Unit
PCU	Power Control Unit
PCX	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PCX	Private Communication Exchange (Telekommunikation/telecommunication)
PD	Privatdozent
PD	Probability of Detection
PD	Proportional–Derivative (Control), Proportional–Differential (Regler)
PDA	Personal Digital Assistent (Telekommunikation/telecommunication)
PDA	Photo Diode Array (Detector)
PDBF	Profile Database Function (Telekommunikation/telecommunication)
PdBI	Plateau de Bure Interferometer (FR)
PDC	Personal (or: Portable) Digital Cellular (or: Communication) (Telekommunikation/telecommunication)
PDCH	Packet Data Channels (Telekommunikation/telecommunication)
PDCP	Packet Data Compression (or: Convergence) Protocol (Telekommunikation/telecommunication)
PDD	Pervasive Developmental Disorder
PDD	Photodynamische Diagnostik
PDD	Platform Data Distribution (Eisenbahntechnik/railway technology)
PDE	Partial Differential Equation
PDE	Phosphodiesterase
PDF	Policy Decision Function (Telekommunikation/telecommunication)
PDF	Portable Document Format
PDF	Probability Density Function
PDG	Packet Data Gateway (Telekommunikation/telecommunication)
PDGF	Platelet-Derived Growth Factor (Blutplättchen-Wachstumsfaktor/blood platelets)
PDH	Plesiochronous Digital Hierarchy (Telekommunikation/telecommunication)
PDI	Paul-Drude-Institut für Festkörperelektronik (Berlin, DE)
PDL	Page Description Language (Printer Server)
PDL	Polarization Dependent Loss (optische Telekommunikation/optical telecommunication)
PDLC	Polymer-Dispersed Liquid Crystal
PDM	Polarization Division Multiplexing (optische Telekommunikation/optical telecommunication)
PDM	Product Data Management
PDMS	Polydimethylsiloxan
PDN	Packet Data Network (Telekommunikation/telecommunication)
PDO	Packet Data Optimized (Telekommunikation/telecommunication)
PDO	Pazifische Dekadenoszillation (Meeresklima/marine climate)
PDP	Packet Data Protocol (Telekommunikation/telecommunication)
PDP	Plasma Discharge (or: Display) Panel
PDP	Policy Decision Point (Telekommunikation/telecommunication)
PDR	Personal Disk Recorder
PDR	Preliminary Design Review
PDS	Payload Data Segment (Telekommunikation/telecommunication)
PDS	Permanent Data Storage System

PDS	Polydioxanon
PDSN	Packet Data Serving Node (Telekommunikation/telecommunication)
PDSS	Protected Data Storage System
PDT	Photodynamic Therapy, Photodynamische Therapie (Augenheilkunde und Hautkrebstherapie/ophthalmology and skin cancer therapy)
PDU	Packet Data Unit (Telekommunikation/telecommunication)
PDU	Protocol Data Unit (Telekommunikation/telecommunication)
PDX	Princeton Divertor Experiment (Fusionsreaktortechnik/fusion reactor technology, PPPL)
PE	Peru (ISO 3166)
PE	Phase Error (Telekommunikation/telecommunication)
PE	Polyethylen
PE	Prediction Error
PE	Provider Edge (Telekommunikation/telecommunication)
PE	Pulse Echo
PEACE	Process Execution and Communication Environment
PEAP	Protected Extensible Authentication Protocol (Telekommunikation/telecommunication)
PEAQ	Perceived Evaluation of Audio Quality
PEC	Photoelectrocatalytic (Brennstoffzellen/fuel cells)
PECASE	Presidential Early Career Award for Scientists and Engineers (Acoustical Society of America)
PECVD	Plasma-Enhanced Chemical Vapor Deposition
PEEM	Photo-Emission Electron Microscopy, Photoemissions-Elektronenmikroskop(ie)
PEG	Polyethylenglykol
PEI	Peripheral Equipment Interface
PEM	Photon Emission Microscopy
PEM	Polymer-Elektrolyt-Membran (Brennstoffzelle/fuel cell)
PEM	Proton Exchange Membrane (Brennstoffzelle/fuel cell)
PEMFC	Polymer Electrolyte Membrane Fuel Cell
PEN	Physics Education News
PEN	Project on Emerging Nanotechnologies (USA)
PEO	Polyethylenoxid
PEP	Performance Enhancing Proxies (Telekommunikation/telecommunication)
PEP	Polymeric Electronics Packaging
PEP	Positron-Electron Project (SLAC)
PEPS	Performance Evaluation of Parallel Systems (EU research project)
PEPSI	Potsdam Echelle Polarimetric and Spectroscopic Instrument (fertig/completed 2008)
PER	Packed Encoding Rule (ASN.1)
PER	Packet Error Ratio (or: Rate) (Telekommunikation/telecommunication)
Per	Perchlorethen
PER	Physis Education Research
PER	Polarization Extinction Ratio
PERL	Passivated Emitter and Rear, Locally Diffused (Solarzellen/solar cells)
Perl	Practical Extraction and Report Language (scherzhaft auch/ironically also: Pathologically Eclectic Rubbish Lister) (Textmanipulation/text manipulation)
PES	Packetized Elementary Stream (Telekommunikation/telecommunication)
PES	Photoelektronenspektroskopie
PESC	Power Electronics Specialist Conference
PESQ	Perceptual Evaluation of Speech Quality (Telekommunikation/telecommunication)
PEST	Princeton Equilibrium and Stability in Tokomak (Fusion Experiment)
PET	Polyethylenterephthalat
PET	Positronen-Emissions-Tomographie, Positron Emission Tomography
PET	Productivity Enhancement Technology Transfer
PETRA	Positron-Elektron-Tandem-Ring-Anlage (DESY)
PF	Französisch-Polynesien/French Polynesia (ISO 3166)
PFA	Probability of False Alarm
PFAU	Programm zur finanziellen Absicherung von Unternehmensgründern aus Hochschulen
PFD	Power Flux Density
PFE	Power Feeding Equipment
PFH	Private Fachhochschule
PFI	Partner-Furnished Items (Satelliten/satellite system)
PFI	Private Finance Initiative
PFM	Piezoresponse Force Microscopy
PG	Papua-Neuguniea/Papua New Guinea (ISO 3166)
PG	Peer Group
PGA	Pin Grid Array (Chipgehäuse/electronic-chip box)
PGA	Polyglykolid
PGO	[Hirn-Zellkomplex: pons, corpus geniculatum, occiput]
PGP	Personal Genome Project
PGP	Pretty Good Privacy
PGSA	Poly-Glycerin-Sebacat-Acrylat (elastischer Kunststoff/an elastic polymeric material)
PH	Philippinen/Philippines (ISO 3166)
PHA	Polyhydroxyalkanoat
PHARE	Poland and Hungary Action for Economic Restructuring
PhAST	Photonic(s) Applications, Systems, and Technologies (Conference)
PHB	Per-Hop Behavior
PHB	Polyhydroxybutyrat(e)
Ph.D.	Doctor of Philosophy
PHENIX	Pioneering High Energy New Ion (or: Nuclear Interaction) Experiment (RHIC)
PHI	Planbasierte Hilfesysteme

PHM	Prognostics and Health Managament
Phorce21	Photonics Research Coordination Europe – Photonics 21
PHP	Hypertext Processor (Telekommunikation/telecommunication)
PHS	Packet Header Suppression (Telekommunikation/telecommunication)
PHS	Personal Handyphone System
PHS	Peripheral High Speed (Bus)
PHT	plötzlicher Herztod
PHY	Physical Layer (DECT)
PHz	Petahertz ($= 10^{15}$ Hz)
PI	Proportional–Integral (Control), Proportional–Integral (Regelung)
PIA	Photonic Integrated Amplifier (optische Telekommunikation/optivcal telecommunication)
PIA	Positronen-Intensitäts-Akkumulator (DESY)
PIAFE	Projet d'Ionisation et d'Accélération de Faisceaux Exotiques (Grenoble, FR)
PIANO	Perturbation Investigation of Aerodynamic Noise
PIC	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PIC	Photonic Integrated Circuit
PICA	Phenolic Impregnated Carbon Ablator (Material für Raumfahrzeug-Hitzeschild/material for spacecraft heat shield)
PICA	Picosecond Imaging Circuit Analysis
PICH	Pilot Channel (Telekommunikation/telecommunication)
PICS	Protocol Implementation (or: Instance) Conformance Statement (Telekommunikation/telecommunication)
PICU	Pediatric Intensive Care Unit
PID	Packet Identifier (Telekommunikation/telecommunication)
PID	Präimplantationsdiagnostik (Genetik/genetics)
PID	Proportional, Integral, Derivative (Control), Proportional–Integral–Differential (Regelung)
PIDA	Photonics Industry and Technology Development Association (Taiwan)
PIDC	Prototype International Data Center (Arlington, VA, USA)
PIEMAN	Photonic Integrated Extended Metro and Access Network (EU Project, optische Telekommunikation/optical telecommunication)
PII	Publisher Item Identifier
PIK	Potsdam-Institut für Klimafolgenforschung
PIL	Processor-in-the-Loop
PILZ	Pilotprojekt Interdisziplinäres Lernen und Zusammenarbeit (Univ. Göttingen, DE)
PIM	Personal Information Manager (or: Management) (Telekommunikation/telecommunication)
PIMRC	[IEEE International Symposium on] Personal, Indoor and Mobile Radio Communications
PIM-SM	Protocol Independent Multicast – Sparse Mode (Internet)
PIN	Personal Identification Number
PIN	[Photodiode aus 3 Schichten/three-layer photodiode: 'p'-type, 'i'ntrinsic, 'n'-type semiconductor], Positive-Intrinsic-Negative
PINET	Physics Information Network
PINT	PSTN/Internet Interworking Group (Internet)
PIOC	Pilot Innovation Office China (Shanghai)
PIP	Picture in Picture (TV: kleines Zusatzbild von anderem Sender/small insert from a different channel)
PIPEDA	Personal Information Protection and Electronic Documents Act (CA)
PIPS	Passivated, Implanted, Planar Silicon (Detektoren/detectors)
PIR	Peak Information Rate
PISA	Programme for International Student Assessment
PIU	produktionsintegrierter Umweltschutz
PIV	Particle Image Velocimetry
PIXIT	Protocol Information Extra Implementation for Testing (Telekommunikation/telecommunication)
$\pi/4$ DQPSK	$\pi/4$ Rotated Differential Quaternary Phase Shift Keying (Telekommunikation/telecommunication)
PK	Pakistan (ISO 3166)
PKC	Public-Key Cryptography
PKE	Pluto-Kuiper Express (Raumfahrt-Projekt/spacecraft project)
PKI	Public (or: Private) Key Infrastructure (Telekommunikation/telecommunication)
PKM	Parallel Kinematic Machine (Robotik/robotics)
PKY	Parkway (US Mail)
PL	Photoluminescence, Photolumineszenz
PL	Place (US Mail)
PL	Polen/Poland (ISO 3166)
PLA	Polylactidacid
PLANET	Probing Lensing Anomalies Network (Astrophysik: Gravitationslinsen/astrophysics: gravitational lenses)
PLASTIC	Plasma and Suprathermal Ion and Composition (Sonnenphysik/solar physics)
PLC	Packet Loss Concealment (Telekommunikation/telecommunication)
PLC	Planar Lightwave Circuit (Photonik/photonics)
PLC	Powerline Communication
PLC	Programmable Logic Controller
p.l.c.	public limited company (UK)
PLCCO	$Pr_{0.88}LaCe_{0.12}CuO_{4-\delta}$ (Hochtemperatursupraleiter/high-temperature superconductor)
PLCP	Physical Layer Convergence Protocol (Telekommunikation/telecommunication)
PLD	Pulsed Laser Deposition
PLdB	Mark VII Perceived Loudness in dB
PLDIU	Payload Distribution and Interface Units (Satellitentechnik/satellite technology)
PLE	Photolumineszenz-Anregungsspektroskopie
PLED	Polymeric Light-Emitting Diode
PLL	Phase-Locked Loop
PLM	Product Lifecycle Management, Produkt-Lebenszyklus-Management
PLMN	Public Land Mobile Network (Telekommunikation/telecommunication)
PLO	Phase-Locked Oscillator

PLOAM	Physical Layer Operations, Administration and Maintainance (optische Telekommunikation/optical telecommunication)
PLoS	Public Library of Science
PLP	Perceptual Linear Prediction
PLP	Phantom Limb Pain
PLR	Point of Local Repair
PLSA	Probabilistic Latent Semantic Analysis (Sprachverarbeitung/speech processing)
PLSB	Provider Link State Bridging (Telekommunikation/telecommunication, Ethernet)
PLT	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PLT	Princeton Large Experiment (Fusionsreaktortechnik/fusion reactor technology, PPPL)
PLZ	Plaza (US Mail)
PLZ	Postleitzahl
PM	Performance Monitoring
PM	Perona-Malik (Diffusionsgleichung/diffusion equation)
PM	Photomultiplier (tube)
PM	St. Pierre et Miquelon (ISO 3166)
PMAS	Potsdamer Multi-Apertur Spektralphotometer
PMB	Polarization Mode Dispersion
PMC	Personal Mobile Communicator
PMC	Phys Math Central (open access Internet Journal)
PMCA	Protein Misfolding Cyclic Amplification
PMD	Polarization-Mode Dispersion (Glasfasernetz/glass fiber net)
PMD	Portable MAC Identity for Display (DECT)
PMF	Polarization Maintaining Fiber (optische Telekommunikation/optical telecommunication)
PMLB	Plans Municipaux de Lutte contre le Bruit
PMMA	Polymethylmethacrylat
PMO	Program Managament Office
PMOLED	Passive Matrix Organic Light-Emitting Diode
PMOS	P-Channel MOS
PMP	Point-to-Multipoint (Telekommunikation/telecommunication)
PMR	Professional Mobile Radio
PMS	Portable Monitoring System (Telekommunikation/telecommunication)
PMS	Puls-Magnetron-Sputtern (Dünne Schichten/thin layers)
PMSJ	Physico-Mathematical Society of Japan
PMSS	Polymethylsilsesquioxan $[Si(CH_3)O_{1,5}]_n$
PMT	Photomultiplier Tube
PMT	Program Map Table (Telekommunikation/telecommunication)
PMV	Predicted Mean Vote
PMW	Project Management Workbench
PN	Pitcairn (ISO 3166)
PN	Pseudo-Random Noise (Telekommunikation/telecommunication)
PNAS	Proceedings of the National Academy of Sciences (USA)
PNE	Peaceful Nuclear Explosion
PNG	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PNGV	Partnership for a New Generation of Vehicles
PNNI	Private Network-Node (or: -Network) Interface (Internet)
PNNL	Pacific Northwest National Laboratory (Washington, USA)
PNO	Private Network Operator
PNP	Purinnucleosid-Phosphorylase
PNU	Physics News Update (USA)
POC	Particulate Organic Carbon
POC	Point of Concentration (Telekommunikation/telecommunication)
PoC	Push(-to-Talk) over Cellular (Mobiltelefone/mobile phones)
PoCL	Power-over-Camera Link (Kamera-Stromversorgung/camera power supply)
POCS	Projection onto Convex Set (Bildverarbeitung/picture processing)
POD	Proper Orthogonal Decomposition
POEM	Programme for Observation of the Earth and its Environment
POF	Polymer (or: Plastic) Optical Fiber
POFTO	Plastic Optical Fiber Trade Organization
POG	Personal Office Gateway
POI	Point of Interest (Telekommunikation/telecommunication)
POINTS	Precision Optical Interferometer in Space
POLLENS	Platform for Open, Light, Legible and Efficient Network Services (Telekommunikation/telecommunication)
POLO	[Fraunhofer-Themenverbund] Polymere Oberflächen
POLSTRACC	The Polar Stratosphere in a Changing Climate (Research project for HALO)
POLY	Polymeric Materials for Microelectronics and Photonics (Congress)
POMA	Proceedings of Meetings on Acoustics (Acoustical Society of America)
PON	Passive Optical Network (optische Telekommunikation/optical telecommunication)
PONS	Prometheus Orthonormal System
POP	Persistent Organic Pollutant
POP	Point of Presence (Internet)
POP	Point of Purchase (Verkaufsstrategie/sales strategy)
POP	Post Office Protocol (E-Mail Server)
POPA	Panel on Public Affairs (APS)
POPP	Panel on Public Policy
PoS	Packet over SONET (or: SDH)
POS	Part-of-Speech (Sprachverarbeitung/speech processing)
POS	Point of Sale (Verkaufsstrategie)
POSIX	Portable Operating System Interface (Telekommunikation/telecommunication)

POST	Parliamentary Office of Science and Technology (UK)
POSTECH	Pohang University of Science and Technology (Korea)
PostEurop	Association of European Public Postal Operators
POTS	Plain Old Telephone Service (or: System)
POW	Prisoner of War
PP	Point to Point (Telekommunikation/telecommunication)
PP	Polypropylen
PP	Portable Part (z.B. Handset) (DECT)
PPADC	Pulse Processing Analog-to-Digital Converter
PPARC	Particle Physics and Astronomy Research Council (London, UK)
PPAU	Packet Processor and Access Unit
ppb	parts per billion, 10^{-9}
PPBE	Plans de Prévention du Bruit dans l'Environnement
PPC	Photovoltaic Power Converter (optische Telekommunikation/optical telecommunication)
PPD	Predicted Percentage of Dissatisfied
PPDU	PLCP Data Unit (Telekommunikation/telecommunication)
PPF	Positive Position Feedback
PPF	Print Production Format
PPF	Private Project Financing (Eisenbahntechnik/railway technology)
PPG	Pacific Proving Ground (Atombomben-Testgebiet/atomic bombs test site)
PPL	Passive Photonic Loop
PPLN	Periodically-Poled Lithium Niobate (Wellenleiter/waveguide)
ppm	parts per million, 10^{-6}
PPM	Photonic Power Module (optische Telekommunikation/optical telecommunication)
PPM	Pulse Position Modulation
PPMS	Physical Property Measurement System
PPN	Parametricized Post-Newtonian (Gravitationstheorie/theory of gravitation)
PPN	Personal Private Network (Telekommunikation/telecommunication)
PPP	Point-to-Point Protocol (Telekommunikation/telecommunication)
PPP	Poly(p-Phenylen)
PPP	Public/Private Partnership (Telekommunikation/telecommunication)
PPPL	Princeton Plasma Physics Laboratory (Fusionsreaktortechnik/fusion reactor technology)
PPPoA	Point-to-Point over Asynchronous Transfer Mode (Telekommunikation/telecommunication)
PPPoE	Point-to-Point over Ethernet (Telekommunikation/telecommunication)
PPPoUSB	Point-to-Point over Universal Serial Bus (Telekommunikation/telecommunication)
PPR	Pflegepersonalregelung
PPS	Prepaid Postpaid Suite (Handy/Mobile Phone)
PPS	The Polish Physical Society
PPS	Programmable Pulse Stimulus
ppt	parts per trillion, 10^{-12}
PPT	[Dateinamenerweiterung: Microsoft PowerPoint-Datei/file name extension: Microsoft PowerPoint file]
PPTP	Point-to-Point Tunneling Protocol (Internet)
PPV	Pay-per-View (Telekommunikation/telecommunication)
PPV	Poly(p-Phenylen Vinylen)
PPVPN	Provider-Provisioned Virtual Private Network (Telekommunikation/telecommunication)
PQ	Priority Queue
PR	Public Relations
PR	Puerto Rico (ISO 3166)
PRA	Primary Rate Access (ISDN)
PRACE	Partnership for Advanced Computing in Europe (EU project)
PRBS	Pseudorandom Bit (or: Binary) Sequence
PRC	Physics Resources Center (AIP)
PRC	Primary Reference Clock (Telekommunikation/telecommunication)
PRI	Primary Rate Interface (Telekommunikation/telecommunication)
PRIF	Peace Research Institute Frankfurt
PRIME	Privacy and Identity Management for Europe (EU project)
PRK	Photorefraktive Keratotomie (Augenchirurgie/eye surgery)
PRL	Physical Review Letters
PROLA	Physical Review Online Archive
PROLOG	Programming in Logic
PROM	Programmable Read-Only Memory
PROMED	Program to Monitor Emerging Diseases
PROMETHEUS	Programme for a European Traffic with Highest Efficiency and Unprecedented Safety
PrP	Prion-Protein
PRS	Packet Ring Switch (Telekommunikation/telecommunication)
PRS	Program Request Service (Telekommunikation/telecommunication)
PRS	Public Regulated Services (Galileo)
PRT	Personal Rapid Transport (führerloser Personentransfer auf Flughäfen/driver-free transport on airports)
PRUAC	Pacific Rim Underwater Acoustics Conference
PS	Packet Switched (Telekommunikation/telecommunication)
PS	Palästina/Palestinian Territory (ISO 3166)
PS	Parametric Stereo
PS	Phone Splitter
PSA	Plataforma Solar de Almeria (Solarkraftwerk/solar power plant)
PSA	Pressure Sensitive Adhesive
PSA	Prostata-spezifisches Antigen
PSAB	Physics, Space and Astronomy Board (UK)
PSAC	The President's Advisory Committeee (USA)

PSAM	Pilot Symbol Assisted Modulation (Telekommunikation/telecommunication)
PSAP	Public Safety Answering Point (Telekommunikation/telecommunication)
PSBT	Phase Shifted Binary Transmission (Telekommunikation/telecommunication)
PSC	Pension Support Centre (zur Förderung der Mobilität von Forschern in Europa)
PSC	Personal Supercomputer (seit/since 2006)
PSC	Pittsburgh Supercomputing Center (USA)
PSC	Polar Stratospheric Cloud (Ozonloch/hole in the ozone layer)
PSCF	Pure Silica Core Fiber (optische Telekommunikation/optical telecommunication)
PSD	Position-Sensing Detector
PSD	Power Spectral Density
PSE	Personal Service Environment (Telekommunikation/telecommunication)
PSE	Programm- und Systementwicklung
PSE	Pulse Shape Equalization (Laser)
PSF	Point Spread Function
PSG	Programmable Sound Generator
PSI	Paul Scherrer Institut (Villingen, CH)
PSI	Photon Science Institute (Manchester, UK)
PSI	Program Specific (or: Service) Information
PSI	Programmable Serial Interface
PSID	Panel Study of Income Dynamics (USA)
PSJ	The Physical Society of Japan
PSK	Phase Shift Keying (Modulation)
PSNR	Peak Signal-to-Noise Ratio
PS-NSOM	Phase-Sensitive Near-Field Scanning Optical Microscope
PSOLA	Pitch-Synchronous Overlap Add (Sprachsynthese/speech synthesis)
PSPC	[positionsempfindlicher Proportionalzähler] (Röntgensatellit/X-ray satellite)
PSQM	Perceptual Speech Quality Measure (Telekommunikation/telecommunication)
PSR	Precision Segmented Reflector (Satelliten/satellites)
PSS	Packet Streaming Service (Telekommunikation/telecommunication)
PSS	Personalized Service Selector (Telekommunikation/telecommunication)
PSS	PSTN Simulation (Telekommunikation/telecommunication)
PSSC	Physical Sciences Study Committee (USA)
PST	[Fraunhofer-] Patentstelle für die Deutsche Forschung (München, DE)
PSTM	Photon Scanning Tunneling Microscope
PSTN	Public Switched Telephone Network (Öffentliches Fernsprechnetz)
PSU	Portland State University (USA)
PT	Portugal (ISO 3166)
PTA	Personal Travel Assistent
PTA	Pharmazeutisch-technische(r) Assistent(in)
PTA	Physikalisch-technische(r) Assistent(in)
PTAP	Photonics Technology Access Programme
PTB	Physikalisch-Technische Bundesanstalt (Braunschweig, DE)
PTBS	Posttraumatische Belastungsstörung
PTCA	perkutane transluminale Coronar-Angioplastie (Chirurgie/surgery)
PTCN	Pysics Today Career Network (AIP)
PTCRB	PCS Type Certification Review Board (Mobilfunk/mobile radio)
PTFE	Polytetrafluoreth(yl)en
PTI	Physikalisch-Technisches Institut (ehem./former DDR, Jena)
PTMT	Point to Mult-Point (Telekommunikation/telecommunication)
p.t.o.	please turn over (= b.w.)
PTO	Public Telecommunications Operator
PTOL	Physics Today Online (Journal)
PtP	Peer-to-Peer (Telekommunikation/telecommunication)
PTP	Point to Point (Telekommunikation/telecommunication)
PTR	Physikalisch-Technische Reichsanstalt (Berlin, DE, ab/since 1887, später/later on: PTB)
PTRA	Physics Teaching Resource Agents
PTS	Permanent Threshold Shift (Gehör/in hearing)
PTS	Presentation Time Stamp (Telekommunikation/telecommunication)
PTSB	Posttraumatische Belastungsstörung (Medizin/medicine)
PTSP	PNNI Topology State Packet (Telekommunikation/telecommunication)
PTT	Post, Telegraph and Telephone
PTT	Push-to-Talk (Telekommunikation, Mobiltelefone/telecommunication, mobile phones)
PTV	Projection Television
PTV	Push-to-View (Telekommunikation/telecommunication)
PTZ	Produktionstechnisches Zentrum (FhG, Berlin, DE)
PU	Polyurethan, Polyurethane
PU	produktintegrierter Umweltschutz
PUB	[Dateinamenerweiterung: Microsoft Publisher-Datei/file name extension: Microsoft Publisher file]
PUFA	Polyunsaturated Fatty Acids (mehrfach ungesättigte Fettsäuren)
PULSAR	Pump Laser Stacks with Aerospace Reliability (EU-Programm)
PUMA	Dreiachsenspektrometer mit Polarisationsanalyse und Multi-Analysator
PUNE	Peaceful Uses of Nuclear Energy
PUR	Plutonium and Uranium Extraction (radioaktiver Abfall/radioactive waste)
PUR	Polyurethan, Polyurethane
PUREX	Plutonium and Uranium Recovery by Extraction
PUSC	Partially Utilized Subchannel Allocation (or: Subchannelisation) (Telekommunikation/telecommunication)
PUSH	Partnernetz für Unternehmensgründungen aus Stuttgarter Hochschulen
PUSH	Public Understanding of the Sciences and Humanities

PV	Photovoltaik, Photovoltaics
PV	Present Value
PVA	Polyvinyl Alcohol, Polyvinylalkohol
PVB	Polyvinyl Butyral
PVC	Permanent Virtual Circuit (or: Channel) (Rechnernetz/computer network)
PVC	Polyvinylchlorid
PVD	Physical Vapor Deposition
PVDF	Polyvinylidenfluorid
PVGIS	Photovoltaic Geographical Information System
PVK	Poly-N-vinylcarbazol
P-VLAN	Provider VLAN (Telekommunikation/telecommunication)
PVM	Parallel Virtual Machine (Parallelrechner/parallel computer)
PVR	Personal Video Recording (or: Recorder)
PV-4D	Parallele Visualisierung in vier Dimensionen
PW	Palau (ISO 3166)
PW	Photonics West (Conference and Exhibition, USA)
PW	Pseudo Wire (Telekommunikation/telecommunication)
PWAM	Pilot Waveform Assisted Modulation (Datenübertragung/data transfer)
PWE3	Pseudo Wire Emulation Edge to Edge (Telekommunikation/telecommunication)
PWFA	Plasma Wakefield Accelerator
PWLAN	Public Wireless LAN (Telekommunikation/telecommunication)
PWR	Pressurized-Water Reactor (Kernreaktor/nuclear reactor)
PWM	Pulse Width Modulation
PWT	Private Wireless Telephony (Telekommunikation/telecommunication)
PXI	PCI Extensions for Instrumentation
PXP	Peer X-Press (AIP)
PY	Paraguay (ISO 3166)
PyC	Pyrokohlenstoff
PZ	Panama-Kanalzone/Panama Canal Zone (ISO 3166 bis/until 1980)
PZN	Pharmazentralnummer
PZT	Lead Zirconate Titanate, Blei-Zirkonat-Titanat
P2M	Point-to-Multipoint (Telekommunikation/telecommunication)
P2P	Point-to-Point (Telekommunikation/telecommunication)

Q

Q	Q-Factor, Quality Factor, Gütefaktor
QA	Quality Assurance
QA	Qatar (ISO 3166)
Q&A	Questions and Answers
QALY	Quality-Adjusted Life Years
QAM	Quadrature Amplitude Modulation
QAR	Quantitative Autoradiography (Medizin/medicine)
QAS	Quality Assurance System
QAU	Quaid-i-Azam University (Islamabad, Pakistan)
QAU	Quality Assurance Unit
QBD	Quasi-Birth-and-Death
QBER	Quantum Bit-Error Rate
QC	Quality Control
QC	Quantum Cryptography
QCD	Quantum Chromodynamics, Quantenchromodynamik
QCITY	Integrated Project Quiet City Transport (EC)
QCL	Quantum Cascade Laser
QCW	Quasi-Continuous Wave (Diodenlaser/diode laser)
QD	Quantum Dot
QDL	Quantum Dot Laser
QE	Quantum Efficiency (Photosensor/optical sensors)
QED	Quantenelektrodynamik
qed	quod erat demonstrandum (= was zu beweisen war)
QELS	Quantum Electronics and Laser Science (Conference)
QEOD	Quantum Electronics and Optics Division (EPS, European Physical Society)
QFD	Quality Function Deployment
QFL	Quantum Fountain Laser
QFT	Quantenfeldtheorie, Quantum Field Theory
QGP	Quark-Gluon Plasma
QHE	Quantum Hall Effect, Quanten-Hall-Effekt
QIM	Quantization Index Modulation (Wasserzeichen/watermarking)
QKD	Quantum Key Distribution (Kryptographie/cryptography)
QLN	Quiet Line Noise (Rauschpegel ohne Signal)
QM	Quality Management, Qualitätsmanagement
QM	Quantum Magnetics
QMC	Quanten-Monte-Carlo (-Technik/technique)
QMS	Quasi-monokristalline Siliziumschicht
QND	Quantum Nondemolition Measurement (rückwirkungsfreie Quantenmessung)
QoE	Quality of Experience
QOS	Quality of Service
QPC	Quantum Point Contact
QPO	Quasi-Periodic Oscillations (Röntgensterne/X-ray stars)
QPSK	Quadrature (or: Quaternary) Phase Shift Keying (Modulation)

qPSNR	Quasi Peak Signal-to-Noise Ratio
QR	Quick Response
QRY	[Dateinamenerweiterung: Microsoft Datenbank-Abfrage/file name extension: MIcrosoft data bank query]
QSAR	Quantitative Structure-Activity Relation(ship) (Chemie/chemistry)
QSIG	Q Interface Signaling
QSM	Qualitative Software Metrics
QSO	Quasi-Stellar Object, quasistellares Objekt
QSVD	Quotient Singular Value Decomposition
QTVR	Quick Time Virtual Reality
QUANTOM	Quantitative Tomographiedatenanalyse
QUB	Queen's University Belfast (IE)
QUIC	Quantum Information and Computation Consortium
QUS	Quantitative Ultrasound
QUT	Queensland University of Technology (Brisbane, AU)
QW	Quantum Well
QWI	Quantum Well Intermixing (abstimmbarer Laser/tunable laser)
QWIP	Quantum Well Infrared Photodetector

R

R	Router (Telekommunikation/telecommunication)
RA	Radio Access (Telekommunikation/telecommunication)
RA	Radio Astronomy
RA	Research Assistant (USA)
RA	Routing Area (Telekommunikation/telecommunication)
RAB	Radio Access Bearer (Telekommunikation/telecommunication)
RAB	Remote Amplifier Box (Telekommunikation/telecommunication)
RABiTS	Rolling Assisted Biaxially Textured Substrates
RAC	Radio (or: Resource) Admission Control (Telekommunikation/telecommunication)
RACE	Research and Development in Advanced Communication Technologies in Europe
	[or: Research (Programme) on (or: into) Advanced Communication(s) in Europe]
RACH	Random Access Channel (Telekommunikation/telecommunication)
RACS	Resource Admission Control Subsystem (Telekommunikation/telecommunication)
RAD	Rapid Application Development
RADAR	Radio Detection and Ranging
RADIUS	Remote Authentication Dial-In User Service (Telekommunikation/telecommunication)
RADS	[International Symposium on] Room Acoustics: Design and Science
RAeS	Royal Aeronautical Society (UK)
RAFT	Reversibler Additions-Fragmentierungs-Ketten-Transfer (Polymerisation)
RAID	Redundant Array of Independent (or: Inexpensive) Disks
RAIM	Receiver Autonomous Integrity Monitoring (Satellitentechnik/satellite technology)
RAINBOW	Reduced and Internally Biased Oxide Wafer (piezoelektrischer Aktor/piezoelectric actuator)
RAIRO	Revue Française d'Automatique, Informatique et Recherche Opérationelle
RAL	Rutherford-Appleton Laboratory (Oxford-Chilton, UK)
RAM	Random Access Memory
RAM	Remote Access Multiplexer (Internet)
RAMICS	Rapid Airbore Mine Clearance System
RAMS	Reliability, Availability, Maintainability and Safety
RAN	Radio Access Network (Telekommunikation/telecommunication)
RAN	Remote Access Node (Telekommunikation/telecommunication)
RANAP	Radio Access Network Application Part (Telekommunikation/telecommunication)
RAP	Radio Access Profile (Telekommunikation/telecommunication)
RAP	Radiological Assistence Program (DoE, USA)
RAPID	Research and Public Information and Dissemination (USA, Programm zu EMF-Schäden/program concerning EMF hazards)
RAPTOR	Rapid Telescopes for Optical Response
RAR	Radio Access Router (Datenübertragung/data transfer)
RARDE	Royal Armament Research and Development Establishment (UK)
RAS	Reflectance Anisotropy Spectroscopy
RAS	Registration, Admission and Status (Kommunikation/communication)
RAS	Remote Access Server (or: Service) (Telekommunikation/telecommunication)
RAS	Royal Astronomical Society (UK)
RAS	Russian Acoustical Society
RASS	Radio Acoustic Sounding System
RAST	Radio Allergo Sorbent Test
RASTI	Rapid Speech Transmission Index
RAT	Radio Access Technology (Telekommunikation/telecommunication)
RAT	Readiness Assessment Test
RATP	Régie Autonome des Transports Parisiennes (Eisenbahntechnik/railway technology)
RB	Radio Bearer (Telekommunikation/telecommunication)
RBC	Radio Block Center (Telekommunikation/telecommunication)
RBD	Reference-Beam Diffraction (Festkörperphysik/solid state physics)
RBD	Reliability Block Diagram
RBOC	Regional Bell Operating Company
RBR	Radiation Belt Remediation (Strahlungsgürtel der Erde/earth radiation belt)
RBW	Resolution Bandwidth (Telekommunikation/telecommunication)
RC	Room Criteria (zur Lärmbeurteilung/for noise rating)
RC	Routing Controller (Telekommunikation/telecommunication)
R/C	Revenue/Cost Ratio

RCC	Routing Control Channel (Telekommunikation/telecommunication)
RCE	Reconfigurable Computing Environment
RCE	Relative Constellation Error (Telekommunikation/telecommunication)
RCK	Research Centre Karlsruhe
RCL	Radio Communication Links
RCLED	Resonant Cavity Light Emitting Diode
RCMS	Remote Control and Monitoring System
RCP	Radio Control Part (or: Point)
RCP	Rapid Control(ler) Prototyping
RCRA	Resource Conservation and Recovery Act (USA)
RCS	Remote Control System (Telekommunikation/telecommunication)
RCS	Return Channel by Satellite (Telekommunikation/telecommunication)
RCS	Return Channel System (Telekommunikation/telecommunication)
RCST	Return Channel Satellite Terminal
RCSU	Remote Control and Status Unit
RCT	Regionale Chemotherapie (Krebsbekämpfung/cancer therapy)
RCTT	Radio Conformance Test Tester (Telekommunikation/telecommunication)
RD	Road (US Mail)
RD	Route Distinguisher (Telekommunikation/telecommunication)
R&D	Research and Development
RDA	Results-Dependent Analysis
RDBMS	Relational Database Management System (Telekommunikation/telecommunication)
RDC	Reifendruck Control
RDC	Remote Digital Concentrator (Telekommunikation/telecommunication)
RDD	Rights Data Dictionary (Telekommunikation/telecommunication)
RDF	Resource Description Framework (Telekommunikation/telecommunication)
RDF	Reverse Dispersion Fiber (optische Telekommunikation/optical telecommunication)
RDI	Reverse Defect Indication
RDK	Reifendruckkontrollsystem (= TPMS)
RDS	Radio Data Service (or: System) (Europe)
RDX	Trimethylentrinitramin (Hexogen, Sprengstoff/explosive)
RE	Reunion (ISO 3166)
RE	Rough Environment
REA	Rauchgas-Entschwefelungs-Anlage
REACH	Registration, Evaluation and Authorization of Chemicals
REACOL	Réseau Européen pour l'Assemblage par Collage
REC	Radiative Electron Capture
RECMA	Radio and Electronics Component Manufacturers' Association
RECOVER	Remote Continual Verification (Atomenergie-Kontrolle/atomic energy surveillance)
RED	Random Early Detection
REG	[Dateinamenerweiterung: Windows Registrierungs-Datei/file name extension: Windows registration file]
RegTP	Regulierungsbehörde für Telekommunikation und Post (vorher/formerly: BAPT, davor/still earlier: FTZ)
REL	Rights Expression Language (Telekommunikation/telecommunication)
REM	Rapid Eye Mount (telescope, IT)
REM	Rapid Eye Movement (Schlaf-Phase/sleep period)
REM	Rasterelektronenmikroskop
REMSIM	Radiation Exposure and Mission Strategies for Interplanetary Manned Missions
REN	Research and Education Network (Telekommunikation/telecommunication)
ReNaSS	Réseau National de Surveillance Seismique (Strasbourg, FR)
RERF	Radiation Effects Research Foundation (Japan)
RES	Radio Equipment and Systems (TC im/in the ETSI)
RES	Red Española de Supercomputación (Spanish Supercomputing Network)
RE-SEED	Retirees Enhancing Science Education through Experiment and Demonstration (USA)
RESOLFT	Reversible Saturable/Switchable Optical Fluorescent Transitions (hochauflösende Abbildung/super-resolution imaging)
RET	Resolution Enhancement Technology
RETSPL	Reference Equivalent Threshold Sound Pressure Level
REU	Remote Control Electronic Unit
REWIMET	Regionales Windfeld-Modell einschließlich Transport (Wettervorhersage/weather forecast)
REX	Realtime Executive (ein Betriebssystem/an operating system)
REXUS	Raketenexperimente für Universitätsstudenten (Okt. 2008, SE)
RF	Radio Frequency
RF	Rating Function
RFA	Röntgenfluoreszenzanalyse
RFC	Request for Comment(s) (Rechnernetz/computer network)
RFD	Request for Discussion (Rechnernetz/computer network)
RFETS	Rocky Flats Environmental Technology Site (Kernwaffenproduktion/nuclear weapon production)
RFI	Rete Ferroviaria Italiana
RFID	Radio Frequency Identification (Device)
RFP	Request for Proposal (optische Telekommunikation/optical telecommunication)
RFPI	Radio Fixed Part Identity (DECT)
RFSQ	Rapid Single Flux Quantum (logic integrated circuit)
RFT	Run-Flat Tyre (Kfz-Reifen mit Notlaufeigenschaften)
RG	Routing Gateway (Telekommunikation/telecommunication)
RGA	Residual Gas Analyzer
RGB	Red-Green-Blue, Rot-Grün-Blau (Bildverarbeitung/picture processing)
RGCH	Relative Grant Channel (Telekommunikation/telecommunication)
RGO	Reduced Gravity Office (NASA)
RGS	Reflection Grating Spectrometer

RGS	Royal Geographic Society (London, 1830)
RGW	Rat für gegenseitige Wirtschaftshilfe
RGW	Residential Gateway (Kommunikation/communication)
RGZM	Römisch-Germanisches Zentralmuseum, Forschungsinstitut für Vor- und Frühgeschichte (Mainz, DE)
RH	Relative Humidity
RH	Right Hand
RH	Südrhodesien/Southern Rhodesia (ISO 3166 bis/until 1980)
RHD	Right Hemisphere Damage (Hirnschäden/brain damage)
RHEED	Reflection High Energy Electron Diffraction (Oberflächenanalyse, Elektronenoptik/surface analysis, electron optics)
RHESSI	Ramati High Energy Solar Spectroscopic Imager (Satellit/satellite)
RHIC	Relativistic Heavy Ion Collider (Brookhaven National Laboratory, Long Island, USA)
RI	Rhode Island (US-Staat/US state)
R&I	Research and Innovation
RIA	Rare Isotope Accelerator (USA, cancelled 2006)
RIAA	Recording Industry Association of America
RIB	Routing Information Base (Telekommunikation/telecommunication)
RIBE	Reactive Ion Beam Etching
RIC	Rehabilitation Institue of Chicago
RIE	Reactive Ion Etching
RIKEN	[Institute of Physical and Chemical Research] (Japan)
RIMS	Ranging and Integrity Monitoring Stations (Telekommunikation/telecommunication)
RIMS	Resonance Ionization Mass Spectroscopy
RIN	Relative Intensity Noise
RIP	Raster Imaging Processing (Bildverarbeitung/picture processing)
RIP	Requiescat in pace (Ruhe in Frieden/Rest in Peace)
RIP	Routing Information Protocol (Internet)
RIS	Resonance Ionization Spectroscopy
RISC	Reduced-Instruction-Set Computer
RISC	Research Institute for Symbolic Computation (Linz, AT)
RISM	Research Institute for Scientific Measurements (Tohoku University, Sendai, JP)
RIT	Reference Inhouse Test (Telekommunikation/telecommunication)
RITA	Radio Frequency Ion Thruster Assembly
RITL	Radio in the Loop (Telekommunikation/telecommunication)
RKA	[Russian Space Agency]
RKI	Robert-Koch-Institut (Berlin, DE)
RKM	Rasterkraftmikroskop
RLC	Radio Link Control(ler) (Telekommunikation, Layer 2)
RLE	Refractive Lens Exchange (Augenchirurgie/eye surgery)
RLL	Radio in the Local Loop (Telekommunikation/telecommunication)
RLMS	Recursive Least Mean Squares (Algorithmus/algorithm)
rlogin	remote login
RLR	Receive Loudness Rating (Telekommunikation/telecommunication)
RLS	Recursive Least Squares (Algorithmus/algorithm)
RLVIP	Reactive Low-Voltage Ion Plating
RM	Remote (or: Regional) Manager (Telekommunikation/telecommunication)
RM	Room (US Mail)
RMA	Radio Manufacturers' Association
RMC	RACE Management Committee
RMC-C	Central Remote Maintenance Centre
RMC-R	Regional Remote Maintenance Centre
RMI	Remote Method Invocation (Telekommunikation/telecommunication)
RMMS	Remote Maintenance and Monitoring System
RMON	Remote Monitoring
RMP	Rights Management and Protection
RMS	Radio Monitoring System
RMS	Resonant Macrosonic Synthesis
RMS	Root Mean Square
RMT	Real Money Trade (Spieler-Jargon/gambler slang)
RNA	Ribonucleic Acid (Genetik/genetics)
RNAi	RNA-Interferenz (Genetik/genetics)
RNC	Radio (and) Network (or: Node) Controller (Telekommunikation/telecommunication)
RNEP	Robust Nuclear Earth Penetrator (Atomwaffe/atomic weapon, USA)
RNFL	Retinale Nervenfaserschicht (Auge/eye)
RNG	Random Number Generator
RNL	Radio Network Layer (Telekommunikation/telecommunication)
RNN	Recurrent Neural Net
RNO	Radio Network Optimization (or: Optimizer) (Telekommunikation/telecommunication)
RNP	Radio Network Planning (Telekommunikation/telecommunication)
RNRT	Réseau National de Recherche en Télécommunications (France Télécom)
RNS	Radio Network Subsystem (Telekommunikation/telecommunication)
RNS	Ribonucleinsäure
RO	Rumänien/Romania (ISO 3166)
ROADM	Reconfigurable Optical Add-Drop Multiplexer (optische Telekommunikation/optical telecommunication)
ROC	Radius of Curvature
ROC	Receiver (or: Relative) Operating Characteristic (Telekommunikation/telecommunication)
ROC	Republic of China (Taiwan)
ROCCO	Robust Checksum-Based Header Compression (Telekommunikation/telecommunication)
RoHC	Robust Header Compression (Telekommunikation/telecommunication)

RoHS	Restriction of (or: on) (Certain) Hazardous Substances
ROI	Region of Interest (Bildverarbeitung/picture processing)
ROI	Return On Investment (or: Instrument)
ROIC	Readout Integrated Circuit
ROL	Reverse Oscillating Layer
ROM	Read Only Memory
RON	Resilient Overlay Network (Internet)
RoRo	Roll-on, Roll-off (Autofähren/car ferries)
ROS	Reactive Oxygen Species
ROSA	Receiver Optical Subassembly (optische Telekommunikation/optical telecommunication)
ROSAT	[deutscher] Röntgensatellit, Roentgen Satellite (1990)
ROSIS	Reflective Optics System Imaging Spectrometer
ROTEX	Roboter-Technologie-Experiment (Spacelab)
ROTSE	Robotic Optical Transient Search Experiment (Astrophysik/astrophysics)
ROV	Remotely Operated Vehicle
RP	Rheinland-Pfalz (Bundesland/German Federal State)
RP	Route Processor (Telekommunikation/telecommunication)
RPA	Random Phase Approximation
RPC	Remote Procedure Call (für vernetzte Messgeräte/for crosslinked measuring instruments)
RPCR	Robust Principal Component Regression
RPG	Role Playing Game
RPI	Rensselaer Polytechnic Institute (USA)
RPM	Radiation Portal Monitoring (Strahlungsnachweis/radiation detection)
RPM	Radio Policy Matters (TC im/in the ETSI)
RPM	Random Particle Mesh Model (für aeroakustische Simulationen/for aeroacoustic simulations)
RPO	Rahmenprüfungsordnung
RPR	Resilient Package (or: Packet) Ring (Telekommunikation/telecommunication)
RPS	The Romanian Physical Society
RPTV	Rear-Projection Television
RPU	Ray Processing Unit (Computergrafik/computer graphics)
RPWS	Radio and Plasma Wave Science (Instrument an Bord des Saturn-Satelliten Cassini/instrument on board of the Saturn satellite Cassini)
RPZ	Reichspostzentralamt (Berlin, ab 1.4.1928; vorher: Telegraphentechnisches Reichsamt, TRA)
RQI	RNA Quality Indicator
RR	radiative Rekombination
RR	Radio Regulations (Telekommunikation/telecommunication)
RR	Riva-Rocci (-Apparat zur Blutdruckmessung/blood pressure measuring device)
RR	Round Robin
RRC	Radio Resource Control (Telekommunikation, Layer 3)
RRC	Root Raised Cosine
rrd	Reti Radiotelevisive Digitali (IT)
RREA	Relativistic Runaway Electron Avalanche
RRL	Radio Research Laboratory (Korea)
RRM	Radio Resource Management (Telekommunikation/telecommunication)
RRO	Record Route Object (Telekommunikation/telecommunication)
RRP	Rapid Reconfiguration Protocol (Telekommunikation/telecommunication)
RRSTP	Ring Rapid Spanning Tree Protocol (Ethernet)
RRW	Reliable Replacement Warhead (USA: Ersatzsprengkopf/weapon)
RS	Raman Spectroscopy
RS	Retinolsäure
RS-232	RS: Recommended Standard (EIA)
RSA	[Ronald] Rivest, [Adi] Shamir, [Leonard A.] Adleman (asymmetrischer Kryptoalgorithmus/asymmetric encryption algorithm, 1977)
RSAL	Radionuclide Soil Action Level (Umweltschutz/environment conservation
RSC	Radio Station, Central (Telekommunikation/telecommunication)
RSC	Royal Society of Chemistry (UK)
RSCW	Radio Station Central Wireless (Telekommunikation/telecommunication)
RSFF	Risk-Sharing Financing Facility (EU-Initiative für riskante Vorhaben/EU initiative)
RSFQ	Rapid Single Flux Quantum Device
rsh	Remote Shell
RSI	Rotational Shearing Interferometer
RSM	Remote Station Nodal (Telekommunikation/telecommunication)
RSM	Response Surface Model (Motorsport-Simulation/motor sports simulation)
RSPB	Royal Society for the Protection of Birds (UK)
RSS	Really Simple Syndication
RSS	Received-Signal Strength (Telekommunikation/telecommunication)
RSSI	Receiver Signal Strength Indicator (DECT) (or: Radio ...)
RST	Radio Station, Terminal (Telekommunikation/telecommunication)
RST	Repeater Station
RST	Resonance Scattering Theory
RST	Running Status Table
RSTP	Rapid Spanning Tree Protocol (Telekommunikation/telecommunication)
RSTW	Radio Station Terminal Wireless (Telekommunikation/telecommunication)
RSU	Remote Subscriber Unit (Telekommunikation/telecommunication)
RSVP	Répond, s'il vout plaît (bitte antworten/please respond)
RSVP	Rare Symmetry-Violating Processes
RSVP	Resource Reservation Protocol (Telekommunikation, Internet)
RSVP-TE	Resource Reservation Protocol – Traffic Engineering (Telekommunikation, Internet)

RT	Real-Time
RT	Route Target (Telekommunikation/telecommunication)
RTAC	Real-Time Atmospheric Compensation (Adaptive Optik/adaptive optics)
RTAI	Real-Time Application Interface (Telekommunikation/telecommunication)
RTCP	Real-Time (Transport) Control Protocol (Telekommunikation/telecommunication)
RTD	Real-Time Difference
RTD	Research and Technological Development (EC)
RTD	Resistance Temperature Detector (z.B./e.g., Pt)
RTD	Resonant Tunneling Device
RTD	Round-Trip Delay
RTE	Return From Exception
RTE	Run-Time Environment (für Kfz-Entwicklung/for car development)
RTF	Rich Text Format [Dateinamenerweiterung: Textdatei im Rich-Text-Format/file name extension: Rich Text file]
RTG	Radioisotope Thermoelectric Generator
RTG	Receive Transition Gap (Telekommunikation/telecommunication)
RTI	Real-Time Interface
RTL	Raster Transfer Language (HP)
RTL	Real-Time Linux
RTL	Register Transfer Level
RTL	Resistor-Transistor Logic
RTLinux	Real-Time Linux
RTM	Raster-Tunnelmikroskop(ie)
RTM	Real Time Monitoring
RTM	Reverse Time Migration (for subsurface geological imaging)
RTMA	Radio-Television Manufacturers' Association
RTO	Research and Technological Organization (EC)
RTOS	Real-Time Operating System
RTP	Real-Time (Transport) Protocol (Telekommunikation/telecommunication)
rtPS	Real Time Packet Service (Telekommunikation/telecommunication)
RTSP	Real-Time Streaming Protocol (Telekommunikation/telecommunication)
RTT	Real-Time Testing
RTT	Round Trip Time (Telekommunikation/telecommunication)
RTU	Remote Terminal Unit (Telekommunikation/telecommunication)
RTVISC	Rail Transit Vehicle Interface Standards Committee (Eisenbahntechnik/railway technology)
RTW	Real-Time Workshop
RU	Repeater Unit
RU	Resources Unit
RU	Russland/Russian Union (ISO 3166)
RUB	Ruhr-Universität Bochum
RUBI	Remote User Bus Interface
RUCDR	Rutgers University Cell and DNA Repository (Datenbank/data bank, USA)
RULLI	Remote Ultra-Low Light Imaging (Astrophysik/astrophysics)
RUS	Rechenzentrum Universität Stuttgart
RUS	Resonant Ultrasound Spectroscopy
RV	Regionalverband (z.B. DPG)
RVA	Richtlinienverabschiedungsausschuss (NALS)
RVB	Resonating Valence Bonds (Molekülphysik/molecular physics)
RVR	Runway Visual Range
RVS	Radial Velocity Spectrometer
RW	Ridge Waveguide
RW	Ruanda/Rwanda (ISO 3166)
RWA	Receive Wavelength Adapter (Kommunikation/communication)
RWC	Real World Computing
RWCP	Real World Computing Partnership (1992–2002)
RWE	Rheinisch-Westfälisches Elektrizitätswerk
RWI	Rheinisch-Westfälisches Institut für Wirtschaftsforschung (Essen, DE)
RWTH	Rheinisch-Westfälische Technische Hochschule (Aachen, DE)
RX	Receive (Telekommunikation/telecommunication)
RxLev	Reception Level (Telekommunikation/telecommunication)
RxQual	Reception Quality (Telekommunikation/telecommunication)
RXTE	Rossi X-Ray Timing Explorer (Röntgensatellit/X-ray satellite)
RZ	Return to Zero (Kommunikation/communication)
RZG	Rechenzentrum Garching
RZÜ	Rechnergestützte Zugüberwachung

S

S-Wellen	Scherwellen (Geophysik/geophysics)
SA	Saturable Absorber (Faseroptik/fiber optics)
SA	Saudi-Arabien/Saudi Arabia (ISO 3166)
SA	Selective Availability (Satellitennavigation/satellite navigation)
SA	Service Activation (Telekommunikation/telecommunication)
SA	Simulated Annealing
SA	Source Address (Telekommunikation/telecommunication)
SA	Station Adapter (Eisenbahntechnik/railway technology)
SAA	South Atlantic Anomaly (Erdmagnetfeld/earth magnetic field)
SAAI	Southern Africa Acoustics Institute
SAAL	Signaling ATM Adaptation Layer (Telekommunikation/telecommunication)
SAARC	South Asian Association of Regional Cooperation

SAC	Science Advisory Committee
SAC	Service Admission Control (Telekommunikation/telecommunication)
SAC	Strategic Air Command (USA)
SACD	Super Audio Compact Disk
SACMOS	Self Aligned Contacts MOS
SACODY	Structure Allégée à Commande Dynamique (EU–ESPRIT research program 1987–1991)
SAD	Single Anomalous Diffraction
SAD	Spotless Activated Deposition (dünne Schichten/thin layers)
SADC	Southern Africa Development Cooperation
SAE	Society of Automotive Engineers (USA)
SAE	System Achitecture Evolution (Telekommunikation/telecommunication)
SAET	Satellite Access for European Trains (Telekommunikation/telecommunication)
SAFE	Sensor-Aktor-gestütztes Frühwarnsystem bei Extremwetter
SAFISY	Space Agency Forum on ISY
SAFT	Synthetic Aperture Focus Technique (Signalverarbeitung/signal processing)
SAFTA	South Asian Free Trade Association
SAG	Selective Area Growth
SAGD	Steam-Assisted Gravity Drainage (Ölsandverarbeitung/oil sand exploration)
SAGE	Soviet-American Gallium Experiment (Sonnen-Neutrinos, im Kaukasus/solar neutrinos, in the Caucasus)
SAGM	Separate Absorption, Grading and Multiplication (APD)
SAI	Service Area Identifier (or: Interface) (Telekommunikation/telecommunication)
SAI	Silent Aicraft Initiative
SAIC	Science Applications International Corporation
SAIC	Single Antenna Interference Cancellation (Telekommunikation/telecommunication)
SAIL	Speech Analysis and Interpretation Laboratory (University of Southern California)
SALSA	Solvers for Algebraic Systems and Applications (Software)
SALT	Southern African Large Telescope
SALT	Speech Application Language Tags (Telekommunikation/telecommunication)
SALT	Strategic Arms Limitation Treaty (or: Talks)
SAM	Saturable Absorber Mirror (Lasertechnik/laser technology)
SAM	Scanning Acoustic Microscope
SAM	Self-Assembled Monolayer, selbstaggregierende Monolagen (ein Molekül dicke Schicht/one molecule thin layer)
SAM	[IEEE] Sensor Array and Multichannel Signal Processing (Conference)
SAM	Separate Absorption and Multiplication (ADP)
SAM	Service Activation Module (Telekommunikation/telecommunication)
SAM	Service Aware Manager (Telekommunikation/telecommunication)
SAM	Speech Assessment Methodology
SAM	Spherical Aberration Management
SAMP	Systems Analysis, Modelling and Prediction
SAMPE	Society for the Advancement of Material and Process Engineering
SAMPE	Society of Aerospace Material and Process Engineering
SAMPEX	Solar, Anomalous and Magnetospheric Particle Explorer (USA, Satellit/spacecraft)
SAMUM	Saharan Mineral Dust Experiment
SAN	Storage Area Network (Telekommunikation/telecommunication)
SANA	Wissenschaftliches Begleitprogramm zur Sanierung der Atmosphäre über den neuen Bundesländern
SANE	Sustainable Accomodation for the New Economy (EU project)
SAP	Service Access Point (Telekommunikation/telecommunication)
SAP	Symbolic Assembler Program (IBM 704, 1956)
SAPAM	Society of African Physicists and Mathematicians
SAPPHIRE	Satellite and Aircraft Data Base Project for System Integrity Research (Satellitennavigation/satellite navigation)
SAPPHIRE	Situational Awareness and Preparedness for Public Health Incidences Using Reasoning Engines (semantisches Netz/semantic net)
SAPTA	South Asian Preference Trade Association
SAR	Search and Rescue (Service) (Galileo)
SAR	Second Assessment Report (IPCC, über globale Klimaveränderung/on global climate change, 1995)
SAR	Specific Absorption Rate
SAR	Synthetic Aperture Radar, Synthetik-Apertur-Radar
SARA	Système Accélérateur Rhône-Alpes (Grenoble, FR)
SARFT	State Administration for Radio Film and Television (China)
SARS	Severe Acute Respiratory Syndrome
SAS	Statistik-Server
SAS	Svenska Akustiska Sällskapet, Swedish Acoustical Society
SAS	Synthetic Aperture Sonar (Wasserschall/underwater acoustics)
SASA	South African Sugar Association
SASE	Self-Amplified Spontaneous Emission
SAT	SIM Application Toolkit (Telekommunikation/telecommunication)
SAT-M	Scholastic Aptitude Test: Mathematics
SAVOIR	Sound and Vibration Organisation Information Resources (Gesellschaft gegründet 1990, mit Unterstützung des EG COMETT-Programms, Sitz: ISVR, Southampton, GB/assocation formed in 1990 with support from the EG COMETT programme, located at ISVR, Southampton, GB)
SAW	Surface Acoustic Wave
SAX	Satellite per l'Astronomia X (italienischer Röntgensatellit/Italian X-ray satellite)
SAXS	Small-Angle X-Ray Scattering
SB	Salomon-Inseln/Solomon Islands (früher Britische Salomoninseln/former British Solomon Islands) (ISO 3166)
SB	Synchronization Burst (Telekommunikation/telecommunication)
SBC	Session Border Controller (Telekommunikation/telecommunication)
SBC	Single Board Computer
SBEC	Subband Echo Canceler

SBIR	Small Business Innovation Research (Program, USA)
SBIRS	Space-Based Infrared System – Low Earth Orbit
SBL	Space Based Laser
SBLE	Sub-Block Error (Telekommunikation/telecommunication)
SBLER	Sub-Block Error Rate (Telekommunikation/telecommunication)
SBML	Systems Biology Markup Language
SBP	Société Belge de Physique
SBR	Space-Based Radar
SBR	Spectral Band Replication (Telekommunikation/telecommunication)
SBR	Sustainable Bit Rate (Datenübertragung/data transfer)
SBS	Save British Science (Lobby Group)
SBS	Stimulated Brillouin Scattering
SBSL	Single-Bubble Sonoluminescence, Einzelblasensonolumineszenz
SBTA	S-Band Test Accelerator
SBWAS	Space Based Wide Area Surveillance
SBZ	Sowjetische Besatzungszone
SC	Seychellen/Seychelles (ISO 3166)
SC	South Carolina (US-Staat/US state)
SC	Substantial Completion
SC	Supercontinuum (Weißlichtlaser/white light laser)
SC	Switch-Capacitor (Filter)
SCA	Software Communications Architecture (Telekommunikation/telecommunication)
SCADA	Supervisory Control and Data Acquisition (Telekommunikation/telecommunication)
SCAI	[Fraunhofer-] Institut für Algorithmen und Wissenschaftliches Rechnen (St. Augustin, DE)
SCALPEL	Scattering with Angular Limitation Projection Electron Beam Lithography
SCAMP	Service Control and Monitoring Prototype
SCAR	Scientific Committee on Arctic Research
SCAR	Supersonic Cruise Aircraft Research
SCASSS	Swedish Collegium for Advanced Study in the Social Sciences (Uppsala, SE)
SCBR	Silicon Chip Bragg Reflector (Laser)
SCC	Satellite Control Center (Telekommunikation/telecommunication)
SCC	Signaling Congestion Control (Telekommunikation/telecommunication)
SCC	Source Code Control (Microsoft-Interface)
SCCP	Signaling Connection and Control Part (or: Point) (Telekommunikation/telecommunication)
SCCP	Smart Connected Control Platform
S-CCPCH	Secondary Common Control Physical Channel (Telekommunikation/telecommunication)
SCCR	Short-Circuit Current Response
SCDMA	Synchronous Code Division Multiplex Access (Telekommunikation/telecommunication)
SCE	Service Creation Environment (Telekommunikation/telecommunication)
SCF	Self-Consistent Field
SCF	Service Control Function (Telekommunikation/telecommunication)
SCF	La Sociedad Colombiana de Fisica (CO)
SCH	Separate Confinement Heterostructure
SCH	Synchronization Channel (Telekommunikation/telecommunication)
SCI	Science Citation Index (beim/at ISI, Philadelphia, PA, USA)
SCIAMACHY	Scanning Imaging Absorption Spectrometer for Atmospheric Chartography (ENVISAT)
SCID	Severe Combined Immune Deficiency
SCIM	Subcarrier Intensity Modulation
SCIRAB	Science in Radio Broadcasting
SCM	Safe Communication Module (Telekommunikation/telecommunication)
SCM	Scanning Capacitance Microscopy
SCM	Subcarrier Multiplexing
SCM	Supply Chain Management
SCMFT	Self-Consistent Mean Field Theory
SCN	Suprachiasmatischer Nucleus (im Gehirn/in the brain)
SCN	Switched Circuit Network (Telekommunikation/telecommunication)
SCO	Synchronous Connection Oriented (Telekommunikation/telecommunication)
SCOAP3	Sponsoring Consortium for Open Access Publishing in Particle Physics
SCOLE	Spacecraft Control Laboratory Experiment (NASA, etwa/about 1983)
SCOPE	Scientific Committee on the Problems of the Environment
SCOR	Scientific Committee on Ocean Research
SCORE	Spectral Self-Coherence Restoral (Algorithmus/algorithm)
SCORE	Stove for Cooking, Refrigeration and Electricity (Thermoakustik/thermoacoustic device)
SCORM	Sharable Content Object Reference Model
SCP	Service Control Point (Telekommunikation/telecommunication)
SCP	Session Control Protocol (Telekommunikation/telecommunication)
SCPC	Single Channel Per Carrier (Telekommunikation/telecommunication)
SCPI	Standard Commands for Programmable Instruments
SCPP	Standing Conference of Physics Professors (UK)
SCR	Selective Catalytic Reduction
SCRAMJET	Supersonic Combustion Ramjet (Überschall-Verbrennungsstrahltriebwerk)
SCRF	Superconducting Radio Frequency (TESLA)
SCRG	Satellite Climate Research Group (NOAA)
SCRI	Supersomputer Computations Research Institute (Tallahassee, FL, USA)
S-CSCF	Service (or: Serving) Call State (or: Session) Control Function (Telekommunikation/telecommunication)
SCSI	Small Computer Systems Interface
SCTC	Speech Communication Technical Committee
SCU	Signalling and Control Unit (Telekommunikation/telecommunication)

SCU	Signalling Channel Unit (Telekommunikation/telecommunication)
SCUBA	Submillimeter Common-User Bolometer Array (Mauna Kea, HI, USA)
SCUBA	System-on-Chip Solutions for Advanced UMTS Base Stations
SCW	Scientific Computing World (Journal)
SD	Secure Digital (Memory Card)
SD	Security Device
SD	South Dakota (US-Staat/US state)
SD	Standard Definition (Television)
SD	Sudan (ISO 3166)
SDAP	Service Discovery Application Profile (Telekommunikation/telecommunication)
SDARS	Satellite Digital Audio Radio Services (Telekommunikation/telecommunication)
SDE	Service Development (or: Delivery) Environment (Telekommunikation/telecommunication)
SDG	Subjective Difference Grade (Telekommunikation/telecommunication)
SdH	Shubnikov – de Haas (effect)
SDH	Synchronous Digital Hierarchy (Übertragungsstandard/transmission standard)
SDI	Spectral Differential Imager (beim/at the Very Large Telescope)
SDI	Strategic Defense Initiative
SDI	Subscriber Distribution Interface (Telekommunikation/telecommunication)
SDIO	Strategic Defense Initiative Organization
SDK	Software Development Kit
SDLC	Synchronous Data Link Control
SDLS	Satellite Data Link System (Telekommunikation/telecommunication)
SDM	Statistical Data Miner
SDMA	Space Division Multiple Access (Telekommunikation/telecommunication)
S-DMB	Satellite Digital Multimedia Broadcasting (Telekommunikation/telecommunication)
SDMI	Secure Digital Music Initiative
SDMS	Scientific Data Management System
SDO	Service Development Architecture
SDO	Standard Development Organizations
SDOF	Single-Degree-of-Freedom (System)
SDP	Service Data (or: Delivery) Point (or: Platform) (Telekommunikation/telecommunication)
SDP	Service Delivery Point (Internet)
SDP	Session Description Protocol (Telekommunikation/telecommunication)
SDR	Satellite Digital Radio
SDR	Service Data Record (Telekommunikation/telecommunication)
SDR	Software-Defined Radio (Telekommunikation/telecommunication)
SDR	Süddeutscher Rundfunk
SDRAM	Synchronous Dynamic Random Access Memory (Computer)
SDRF	Software-Defined Radio Forum (seit/since 1996)
SDS	Short Data Service (Telekommunikation/telecommunication)
SDS	Sodium dodecyl sulphate, Natriumlaurylsulfat
SDSC	San Diego Supercomputer Center
SDSL	Symmetric Digital Subscriber Line
SDSS	Sloan Digital Sky Survey (Astrophysik/astrophysics)
SDT	Service Description Table (Telekommunikation/telecommunication)
SDT	Spin-Dependent Tunneling
SDTS	[ANSI] Spatial Data Transfer Standard
SDTV	Standard-Definition Television [Format]
SDU	Service Data Unit (Telekommunikation/telecommunication)
SDVNC	[International Conference on] Structural Dynamics, Vibration, Noise and Control
SDW	Spin-Density Wave
SE	Schrödinger Equation
SE	Schweden/Sweden (ISO 3166)
S&E	Science and Engineering
SEA	Scientists and Engineers for America (seit/since Sept. 2006)
SEA	Sociedad Española de Acústica
SEAF	Secretary of Energy Advisory Board (USA)
SEAM	Single-Ended Assessment Model (Telekommunikation/telecommunication)
SEA-ME-WE3	South East Asia – Middle East – Western Europe (Kommunikation/communication)
SEATO	South-East Asia Treaty Organization
SEB	Scientific Executive Board
SEC	Securities and Exchange Commission (USA)
SEC	Software Engineering Center (Tokyo)
SEC	Solid Electrolyte Coulometry
SECCHI	Sun–Earth Connection Coronal and Heliospheric Investigation
SECOQC	Secure Communication Based on Quantum Cryptography (EU Project, Wien, AT)
SECTAM	Southeastern Conference on Theoretical and Applied Mechanics
SED	Schweizerischer Erdbebendienst
SED	Sozialistische Einheitspartei Deutschlands (ehem./former DDR)
SED	Special Engineering Detachment (USA)
SED	Surface-Conduction Electron-Emitter Display
SEED	Science Education through Experiment and Demonstration (USA)
SEED	Self-Electrooptic-Effect Device
SEG	Society of Exploration Geophysicists (USA)
SEGW	Security Gateway (Telekommunikation/telecommunication)
SEHRS	Surface-Enhanced Hyper-Raman Scattering
SEI	Software Engineering Institute
SEL	Sound Exposure Level

SELANE	Secure Local Area Network Environment
SELT	Single-Ended Line Testing
SEM	Scanning Electron Microscope (or: Microscopy)
SEM	Shop Efficiency Monitoring
SEM	Society for Experimental Mechanics (früher/formerly: SESA)
SEM	Spectrum Emission Mask
Sematech	Semiconductor Manufacturing Technology (USA, IC-Firmen-Kooperation)
SEMOS	sensorgestützte Montagesysteme
SEN	Service Execution Node (Telekommunikation/telecommunication)
SENTHA	seniorengerechte Technik im häuslichen Alltag (DFG-Forschergruppe)
SEP	Service Execution Point (Telekommunikation/telecommunication)
SEP	Société Européenne de Propulsion
SEP	Solar Energetic Particle
SEPA	Single Euro Payments Area
SEPAC	Small European Postal Administrations Cooperation
SEPG	Software Engineering Project Group
SEPNET	South East England Photonics Network
SEPSDA	Sino-European Project on SARS Diagnostics and Antivirals
SEQ	Shape Equalizer (optische Telekommunikation/optical telecommunication)
SERC	Science and Engineering Research Council (UK)
SERCC	Scientific Ethics and Research Conduct Committee (Univ. Tsukuba, JP)
SERDP	Strategic Environmental Research and Development Program (USA)
SEReC	South-East Regional e-Research Centre (UK)
SERIS	Solar Energy Research Institute of Singapore
SERM	Selective Estrogen Receptor Modulator, selektive Östrogen Rezeptor-Modulatoren
SERS	Surface-Enhanced Raman Spectroscopy
SES	Satellite Earth Stations and Systems (TC im/in the ETSI)
SES	Single Electron Substance
SES	Societé Européenne des Satellites (Luxembourg)
SES	Spracherkennungssystem
SESA	Society for Experimental Stress Analysis (jetzt/now: SEM)
SESAM	Semiconductor Saturable Absorber Mirror
SESAME	Second European Stratospheric Arctic and Midlatitude Experiments
SESAME	Surface Electric Sounding and Acoustic Monitoring Experiment
SESAME	Synchrotron Light for Experimental Science and Application in the Middle East (JO)
SESIS	Schiffbauliches Entwurfs- und Simulationssystem
SET	Science, Engineering, Technology
SET	Secure Electronic Transaction (Internet, Verschlüsselung/encryption)
SET	Single-Electron Transistor
SET	Single-Electron Tunneling (Oscillations)
SETA	Systems Engineering and Technical Assistance
SETI	Search for Extraterrestrial Intelligence
SEVA	Self Validating (Sensor)
SEVERI	Spinning Enhanced Visible and Infrared Imager (telescope onboard MSG)
SEVIS	Student and Exchange Visitor Information System (USA)
SEWASIE	Semantic Web and Agents in Integrated Economics
SF	Spreading Factor (Telekommunikation/telecommunication)
SFA	Saturated Fatty Acids (gesättigte Fettsäuren)
SFA	Société Française d'Acoustique
SFAEST	Stabilized Fast A Posteri Error Sequential Technique (Algorithmus/algorithm)
SFB	Sender Freies Berlin
SFB	Sonderforschungsbereich (DFG)
SFC	Supercritical Fluid Chromatography
SFG	Sum-Frequency Generation
SFI	Santa Fe Institute (NM, USA)
SFM	Scanning Force Microscopy
SFM	Société Française des Mécaniciens
SFN	Single Frequency Network (Digitalrundfunk/digital broadcast)
SFN	System Frame Number (Telekommunikation/telecommunication)
SFOBB	San Francisco–Oakland Bay Bridge
SFOR	Stabilization Force (21.12.1996 bis 21.12.2004/Dec. 21, 1996 through Dec. 21, 2004, davor/formerly: IFOR, danach/thereafter: EUFOR)
SFP	Société Française de Physique
SFZ	Sekretariat für Zukunftsforschung (Gelsenkirchen, DE)
SG	Security Gateway (Telekommunikation/telecommunication)
SG	Signaling Gateway (Telekommunikation/telecommunication)
SG	Singapur/Singapore (ISO 3166)
SG	Study Group
SGA	Schweizerische Gesellschaft für Akustik
SGCP	Simple Gateway Control Protocol (Telekommunikation/telecommunication)
SGDBR	Sampled-Grating Distributed-Bragg-Reflector (Laser)
SGE	Sun Grid Engine
SGI	Silicon Graphics, Inc. (Mountain View, CA, USA)
SGML	Standard General(ized) Markup Language
SGR	Soft Gamma Repeaters (Astrophysik/astrophysics)
SGSN	Serving GPRS (Support) Node (Telekommunikation/telecommunication)
SGW	Security Gateway (Telekommunikation/telecommunication)
SH	Schleswig-Holstein (Bundesland/German Federal State)

SH	St. Helena (ISO 3166)
SHA	Sample-and-Hold Amplifier
SHA	Staatshochbauamt
SHAPE	Supreme Headquarters Allied Powers Europe
SHARE	Supporting Rescue Forcrews with Data Services and Multimodality (EU project)
SHARF	Simplified Hyperstable Adaptive Recursive Filter
SHAVE	Shared Virtual Environment
SHD	Synchronous Digital Hierarchy (optische Nachrichtenübertragung/optical data transfer)
SHDSL	Single Pair (or: Synchronous) High Speed (or: Symmetric High Density) Digital Subscriber Line (Telekommunikation/telecommunication)
SHEDS	Super-High-Efficiency Diode Sources
SHEFC	Scottish Higher Education Funding Council
SHEFEX	Sharp Edge Flight Experiment (Raumfahrt/spacecraft)
SHEMIC	Sharp Edge Microgravity Capsule (Raumfahrt/spacecraft)
SHF	Super High Frequency (3 – 30 GHz)
SHG	Second Harmonic Generation
SHIP	Separator for Heavy Ion Reaction Products (GSI, Darmstadt, DE)
SHK	Sanitär, Heizung, Klima [-Handwerk]
SHM	Structural Health Monitoring
SHO	Soft Handover (Telekommunikation/telecommunication)
SHOP	Shell Higher Olefin Process
SHRIMP	Sensitive High-Resolution Ion Microprobe
SHS	Solar Home System
SHTML	Secure HTML (Telekommunikation/telecommunication)
SHV	Super High-Vision (höchstauflösendes Fernsehen/TV)
SI	Service Information
SI	Slowenien/Slovenia (ISO 3166)
SI	Système International d'Unités
SIA	Semiconductor Industry Association
SIAM	Scanning Infererometric Apertureless Microscopy
SIAM	Society for Industrial and Applied Mathematics (USA)
SIB	Service Independent Building Block (Telekommunikation/telecommunication)
SIB	System Information Block
SiC	Siliziumkarbid
SICM	Scanning Ion Conduction Microscopy
SID	Shared Information Data Model (Telekommunikation/telecommunication)
SID	Signal Interface Device
SID	Society of Information Display
SIDO	Single-In, Dual-Out
SIF	Small Image Format (Bildcodierung/picture coding)
SIF	Società Italiana di Fisica
SIFT	Scanning for Intensely Fluorescent Targets (Prionen-Nachweis/prion monitoring)
SIG	Special Interest Group
SIGMA	Support for Improvement in Governance and Management (EU)
SII	Speech Intelligibility Index
SIL	Safety Integrity Level
SIL	Software-in-the-Loop
SILEX	Semiconductor Laser Inter-Satellite Link Experiment (1998)
SILL	Strategic Illuminator Laser (US-Waffe/weapon)
SIM	Skalierungs-Index-Methode (nichtlineare Dynamik/nonlinear dynamics)
SIM	Space Interferometry Mission
SIM	Subscriber Identification (or: Identity) Module (Telekommunikation/telecommunication)
SIMBA	Superhigh Intensity Mono-Beam Amplifier Chain (KrF-Laser)
SIMD	Single Instruction, Multiple Data (Rechnerarchitektur/computer architecture)
SIMM	Single Inline Memory Module
SIMMWIC	Silicon Monolithic Millimeter Wave Integrated Circuit
SIMO	Single Input – Multiple Output (Regelung oder System/controller or system)
SIMPLE	Session Initiation Protocol for Instant Messaging and Presence Leveraging Extension (Telekommunikation/telecommunication)
SIMS	Secondary Ion Mass Spectroscopy
SimSAC	Simulating Aicraft Stability and Control Characteristics for Use in Conceptual Design (EU Project)
SIN	Schweizer Institut für Nuklearforschung (Paul Scherrer-Institut, Villingen, CH)
SINFONI	Spectrograph for Integral Field Observation in the Near Infrared
SINQ	[Schweizer Neutronenspallationsquelle] (Paul Scherrer-Institut, Villingen, CH)
SINR	Shanghai Institute of Nuclear Research
SINR	Signal-to-Interference Noise Ratio
SIO	Scripps Institution of Oceanography
SIOF	Società Italiana di Ottica e Fotonica
SiON	Silicon Oxynitride
SIOP	Single Integrated Operations Plan (USA)
SIP	Session Initiation Protocol (Telekommunikation/telecommunication)
SIPI	Scientists' Institute for Public Information (New York)
SIPOC	Suppliers, Inputs, Process, Outputs, Customers
SIPS	[Workshop on] Signal Processing Systems Design and Implementation
SIPS	Simply Interactive Personal Computer
SIR	Shuttle (or: Spaceborne) Imaging Radar (Satellit/satellite)
SIR	Signal-to-Interference Ratio
SIR	Silent Information Regulator (Molekularbiologie/molecular biology)

SIR	Submission Information Rate (Datennetz/data network)
SIRM	Scanning Infrared Microscopy
siRNA	Small Interfering Ribonucleic Acid
SIRTF	Space Infrared Telescope Facility (Satellit/satellite)
SIS	Schwerionen-Synchrotron (bei der/at the GSI, Darmstadt, DE)
SIS	Spontaneous Information System (Telekommunikation/telecommunication)
SIS	Stateful Inspection System (Firewall)
SIS	Surface Inversion Strength (Meteorologie/meteorology)
SISO	Single Input – Single Output (Regelung oder System/controller or system)
SIT	Self-Induced Transparency
SIT	[Fraunhofer-] Institut für Sichere Telekommunikation (Darmstadt, DE)
SIT	Structured Inventive Thinking
SITA	Societé Internationale de Télécommunication Aéronautique
SIV	Simian Immunodeficiency Virus (Aids-Virus bei Affen/Aids virus of apes)
SIZ	Strategisches Innovationszentrum (der Bayerischen Polizei/of the Bavarian police)
SJ	Svalbard und Jan Mayen-Inseln/Svalbard & Jan Mayen Islands (ISO 3166)
SK	Sikkim (ISO 3166 bis/until 1975)
SK	Slowakei/Slovakia (ISO 3166)
SKA	Square Kilometre Array (Radioteleskop, geplant für/radio telescope, planned for 2012 in UK)
SKAN	SkyBridge Access Node (Telekommunikation/telecommunication)
SKIP	Spezies-, Kontinuitäts-, Identitäts- und Potentialitäts(argumente) (in der Diskussion über Stammzellenforschung)
SKM	Scanning Kelvin Microscopy
SKT	SkyBridge Terminal (Telekommunikation/telecommunication)
SKT PRO	SkyBridge Professional Terminal (Telekommunikation/telecommunication)
SKT RES	SkyBridge Residential Terminal (Telekommunikation/telecommunication)
SKZ	Süddeutsches Kunststoffzentrum
SL	Saarland (Bundesland/German Federal State)
SL	Service Level
SL	Sierra Leone (ISO 3166)
SL	Sonoluminescence, Sonolumineszenz
SLA	Service Level Agreement (Telekommunikation/telecommunication)
SLA	Special Libraries Association
SLAC	Stanford Linear Accelerator Center
SLAM	Scanning Laser Acoustical Microscope
SLAM	Simultaneous Localisation and Mapping
SLB	Server Load Balancing (Telekommunikation/telecommunication)
SLBM	Submarine-Launched Ballistic Missile
SLC	Stanford Linear Collider
SLCM	Sea-Launched Cruise Missile
SLD	Sanfte Laser-Desorption
SLED	Superluminescent Light-Emitting Diode
SLEE	Service Logic Execution Environment (Telekommunikation/telecommunication)
SLF	Subscription Location Function (Telekommunikation/telecommunication)
SLG	Schweizerische Liga gegen den Lärm
SLI	Single Line Injection (Faserverbund-Herstellungsverfahren/production method for fiber compounds)
SLIC	Subscriber Line Interface Circuit (Telekommunikation/telecommunication)
SLIS	Scanning Linear Imager Sensor
SLM	Selective Laser Melting
SLM	Service Level Management (Telekommunikation/telecommunication)
SLM	Spatial Light Modulator
SLO	Scanning Laser Ophthalmoskop(ie)
SLP	Scanning Laser Polarimetrie (Augenheilkunde/ophthalmology)
SLP	Service Location Protocol (Telekommunikation/telecommunication)
SLR	Satelliten-Laser-Radar
SLR	Send(ing) Loudness Rating (Telekommunikation/telecommunication)
SLRI	Short-Lived Radioactive Isotope
SLS	Service Level Specification (Telekommunikation/telecommunication)
SLT	Statistical Learning Theory
SLSC	Scitation Library Service Center (AIP)
SLTE	Subscriber Line Terminal Equipment (Telekommunikation/telecommunication)
SLU	Spoken Language Understanding (automatische Spracherkennung/automatic speech recognition)
SM	San Marino (ISO 3166)
SM	Session Management (Telekommunikation/telecommunication)
SM	Single Mode (optische Telekommunikation/optical telecommunication)
SM	Software Manager
SM	Software Module
SM	Standard Model (Elementarteilchentheorie/elementary particle theory)
SMA	Shape Memory Alloy [or: Actuator]
SMA	Sub-Millimeter Array (Mauna Kea, HI, USA)
SMAC	Stockholm Music Acoustics Conference
SMAD	Sowjetische Militäradministration in Deutschland
SMB	Small and Medium (Size) Business (= KMU)
SMC	Service Management Center (Internet)
SMC	Sheet Moulding Compound
SMC	Switch Management Center (Telekommunikation/telecommunication)
SMD	Surface Mounted Device
SMDC	Space and Missile Defense Command (US Army)
SMDP	Semi-Markov Decision Process

SMDS	Switched Multimegabit Data Service
SME	Small and Medium-Size(d) Enterprise(s) [= KMU]
SMES	Superconductor Magnetic Energy Storage, supraleitender magnetischer Energiespeicher
SMEX	Small Explorer Program (USA, Raumfahrt/spacecraft)
SMF	Service Management Function (Telekommunikation/telecommunication)
SMF	Single Mode Fiber (optische Telekommunikation/optical telecommunication)
SMG	Special Mobile Group (TC im/in the ETSI)
SMGCS	Surface Movement Guidance and Control System (Rollverkehrsführungssystem/rolling traffic guidance system)
SMIF	Standard Mechanical Interface
SMIL	Synchronized Multimedia Integration Language (Telekommunikation/telecommunication)
SMILE	Scientific Simulation Environment
SML	Selective Laser Melting (Pulvermetallurgie/powder metallurgy)
SML	Service Management Layer (optische Telekommunikation/optical telecommunication)
SMLC	Serving Mobile Location Center (Telekommunikation/telecommunication)
SMLWEA	Self-Modulated Laser Wakefield Accelerator
SMM	Submillimeter (Infrarotastronomie/infrared astronomy)
SMOW	Standard Mean Ocean Water
SMP	Service Management Point (or: Platform) (Telekommunikation/telecommunication)
SMP	Shape Memory Polymer
SMP	Symmetric Multiprocessing
SMPP	Short Message Peer-to-Peer (Protocol) (Telekommunikation/telecommunication)
SMPTE	Society of Motion Picture(s) and Television Engineers
SMR	Surface Movement Radar
SMS	Service Management System (Telekommunikation/telecommunication)
SMS	Short Message Service (Telekommunikation/telecommunication)
SMS	Single Molecule Spectroscopy
SMS	Statistical Mode Sensor
SMS-C	Short Message Service Center (Telekommunikation/telecommunication)
SMT	Surface Mount Technology (Platinenherstellung/printed circuits)
SMTA	Surface Mount Technology Association (Edina, MN, USA)
SMTP	Simple Mail Transport (or: Transfer) Protocol (Telekommunikation/telecommunication)
SMU	Satellite Management Unit
SMU	Source Measure Unit
SMU	Southern Methodist University (USA)
SN	Sachsen (Bundesland/German Federal State)
SN	Senegal (ISO 3166)
SN	Service Node (Telekommunikation/telecommunication)
SNA	System of National Accounts (Volkswirtschaft/national economy)
SNAAP	Study of Noise and Aerodynamics of Advanced Propellers (EU Forschungsprogramm/research project)
SNAH	Spherical Near-Field Acoustic(al) Holography
SNAM	Scanning Nearfield Acoustical Microscopy
SNAP	Supernova Acceleration Probe (Astrophysik/astrophysics)
SNCF	Societé Nationale des Chemins de Fer (FR)
SNCP	Sub-Network Connection Protection (Telekommunikation/telecommunication)
SND	[Alcatel] Submarine Networks Division (Seekabel/transatlantic cable)
SNDCP	Sub-Network Dependent Convergence Protocol (Telekommunikation/telecommunication)
S-NE	STM Network Element (Telekommunikation/telecommunication)
SNECMA	Société Nationale d'étude et de construction de moteurs d'aviation (Paris, FR)
SNF	Schweizer Nationalfonds
SNF	Spent Nuclear Fuel (rdioaktiver Abfall/radioactive waste)
SNFUH	Scanning Near-Field Ultrasound Holography
SNI	Siemens Nixdorf Informationssysteme
SNIU	Subscriber's Network Interface Unit
SNMP	Simple Network Management Protocol (Internet)
SNN	Statistical Neural Networks
SNO	Sudbury Neutrino Observatory (CA)
SNOM	Scanning Nearfield Optical Microscopy (or: Microscope)
SNOW	Services for Nomadic Workers
SNP	(gesprochen: "Snip") Single Nucleotide Polymorphism
SNR	Signal-to-Noise Ratio
SNS	Spallation Neutron Source (ORNL, Oak Ridge, TN, USA, eröffnet/completed 2006)
SNS	Superconductor–Normal Metal–Superconductor (Nanostructure)
SNU	Seoul National University (Korea)
SNU	Solar Neutrino Unit (1 SNU = 1 Einfang pro (10^{36} Targetatome·sec)/1 capture per (10^{36} target atoms·sec))
SNV	Studiengesellschaft Nahverkehr Berlin
SO	Somalia (ISO 3166)
SOA	Safe Operating Area
SOA	Scottish Optoelectronics Association
SOA	Semiconductor Optical Amplifier (optische Telekommunikation/optical telecommunication)
SOA	Service(s)-Oriented Architecture (Telekommunikation/telecommunication)
SOAE	spontane otoakustische Emissionen
SOAP	Service Oriented Architecture Protocol (Telekommunikation/telecommunication)
SOAP	Simple Object Access Protocol (Telekommunikation/telecommunication)
SOAR	Southern Observatory for Astronomical Research
SOBER	Sonic Boom European Research
SOBIC	[Fraunhofer-] Solar Building Innovation Center (Freiburg i.B., DE)
SOBRAC	Sociedade Brasileria de Acústica
SOC	Security Operations Center (Datensicherheit/data security)

SOC	Self-Organized Criticality
SOC	Science Observation Center (XMM)
SOC	Science Operations Center (NASA)
SoC	System on Chip (Telekommunikation/telecommunication)
SOCAP	Smart Optical Correlator Auxiliary Processor
SOCK	Science Outreach Catalyst Kit (AIP, Ausbildungsprogramm/education program)
SOCS	Second-Order Cyclostationary Statistics
SOE	Sequence of Events
SOE	Standard Operating Environment
SOEH	School of Occupational and Environmental Hygiene (Vancouver, CA)
SOFAR	Sound Fixing and Ranging (Schall-Leitungskanal im Ozean/sound transmission channel in the ocean)
SOFC	Solid Oxide Fuel Cell; Solid Electrolyte Oxygen Fuel Cell (Hochtemperaturbrennstoffzelle/high-temperature fuel cell)
SOFDMA	Scalable Orthogonal Frequency Division Multiple Access (Telekommunikation/telecommunication)
SOFI	Soziologisches Forschungsinstitut (Göttingen, DE)
SOFIA	Stratospheric Observatory for Infrared Astronomy (seit/since 2006)
SOFIE	Spectroscopy Using Optical Fibres in the Marine Environment (EU Project)
S of R (SoR)	Society of Rheology (USA)
SOH	Section Overhead (Telekommunikation/telecommunication)
SOHO	Small Office, Home Office (Internet)
SOHO	Solar and Heliospheric Observatory (Satellit/satellite, 1995)
SOI	Silicon on Insulator (Photonik/photonics)
SOI	Solar Oscillations Investigation (an Bord von/aboard SOHO)
SOIF	Standard Object Interchange Format (für Datenaustausch/for data exchange, Internet)
SoL	Safety of Life (Satellitentechnik/satellite technology)
SOL	Senioren Online
SOLIS	Synoptic Optical Long-Term Investigations of the Sun (USA)
SOM	Scanning Optical Microscope
SOMS	Scanning Optical Mosaic Scope
SONAH	Statistically Optimized Near-Field Acoustical Holography
SONAR	Sound Navigation and Ranging
SONATEC	Selbstordnende Nanometer-Technologie
SONET	Synchronous Optical Network (optische Telekommunikation/optical telecommunication)
SOP	Standard Opening Procedure
SOP	State of Polarization (Optik/optics)
SOQE	Society for Optical and Quantum Electronics (McLean, VA, USA)
SOR	Society of Rheology (USA)
SORD	Selected Organic Reactions Database
SORS	Spatially Offset Raman Spectroscopy
SORT	Strategic Offensive Reductions Treaty (US–RU, 2002)
SOS	Space Observatories in School (EU + ESA project)
SOS	Second-Order Statistics
SoSe	Sommersemester (in Göttingen seit 2007)
SOU	Southern Oregon University (USA)
SOWAP	Soil and Water Conservation Project (EU)
SOX	Sarbanes-Oxley Act (Datensicherheit/data security)
SP	Self-Pulsing (Telekommunikation/telecommunication)
SP	Service Provider (Telekommunikation/telecommunication)
SP	Speed Profile (Eisenbahntechnik/railway technology)
SP	Surface Plasmon (elektromagnetische Grenzflächenwelle/electromagnetic boundary layer wave)
SPAD	Signals Passed at Danger
SPAD	Single Photon Avalanche Diode
SPAM	[unwanted Internet message]
SPARC	Scholarly Publishing and Academic Resources Coalition (USA)
SPATS	South Pole Acoustic Test Setup
SPAWC	[IEEE International Workshop on] Signal Processing Advances in Wireless Communications
SPC	Science Program Committee (ESA)
SPC	Statistical Process Control
SPCOM	Signal Processing for Communication(s) (Telekommunikation/telecommunication)
SPE	Society of Petroleum Engineers (USA)
SPE	Stanford Prison Experiemnt
SPE	Superconducting Power Equipment
SPEC	System Performance Evaluation Cooperative (Computer-Prozessor-Leistungsfähigkeits-Test/computer processor performance test)
SPECFP	SPEC-fixed point
SPECINT	SPEC-integer
SPECS	Submillimeter Probe of the Evolution of Cosmic Structure (Michelson interferometer)
SPECT	Single Electron Emission Computer Tomography
SPELDA	Structure porteuse pour lancement doubles Ariane (Ariane-Transportsystem/transport system)
SPF	Sender Policy Framework
SPF	Shortest Path First (Telekommunikation/telecommunication)
SPF	Special Purpose Fund (AIP)
SPF	Super Plastic Forming
SPG	Schweizerische Physikalische Gesellschaft
SPI	Serial Peripheral Interface (serieller Datenbus/serial data bus)
SPI	Service Provider Interface (Telekommunikation/telecommunication)
SPI	Software Process Improvement
SPI	Synchronous Parallel Interface (Telekommunikation/telecommunication)
SPICA	Space Infrared Telescope for Cosmology and Astrophysics (geplant für/planned for 2010)

SPICE	Simulated Pore Interactive Computing Environment (Supercomputer, 2005)
SPICOSA	Science and Policy Integration for Coastal System Assessment (Meeresküstenschutz/seashore protection)
SPIDER	Spectral Phase Interferometry for Direct Electric-Field Reconstruction
SPIE	Society of Photo-Optical Instrumentation Engineers (jetzt/now: International Society for Optical Engineering) (USA)
SPIM	Selective Plane Illumination Microscopy
SPIRE	Spectral and Photometric Imaging Receiver (for FIRST)
SPIRIT	Space Infrared Interferometric Telescope
SPIT	Spam over Internet Telephony
SPL	Sound Pressure Level
SPL	Superconducting Proton Linac (CERN)
SPM	Scanning Probe Microscopy (or: Microscope)
SPM	Self Phase Modulation
SPM	Self-Protecting Multipath (Rechnernetz/computer network)
SPM	Signal Processing Magazine (IEEE Journal)
SPM	Silicon Photomultiplier (Array)
SPM	Summary for Policy Makers (IPCC, über globale Klimaveränderung/on global climate change)
SPMD	Single-Program Multiple-Data
SPOT	Satellite pour l'observation de la terre
SPP	Schwerpunktprogramm (DFG)
SPP	Serial Port Profile
SPP	Service Provisioning Point (Telekommunikation/telecommunication)
SPP	Surface Plasmon Polariton
SPR	Single Path Routing (Telekommunikation/telecommunication)
SPR	Smith-Purcell Radiation
SPRINT	Strategic Program for Innovation and Technology Transfer
SPRT	Standard Platinum Resistance Thermometer
SP-RTM	Spinpolarisierte Rastertunnelmikroskopie
SPS	Signal Processing Society (in IEEE)
SPS	Signalling, Protocols and Switching (TC im/in the ETSI)
SPS	Single Photon Source
SPS	The Slovak Physical Society
SPS	Society of Physics Students (USA)
SPS	Spatial Phase Shifting
SPS	speicherprogrammierbare Steuerung (Automatisierungstechnik/automation technology)
SPS	Super Proton Synchrotron (CERN)
SPTM	Signal Processing Theory and Methods
SPTS	Single Program Transport Stream (Telekommunikation/telecommunication)
SPVC	Soft (or: Signalized) Permanent Virtual Circuit (Telekommunikation/telecommunication)
SQAM	Sound Quality Assessment Material (Telekommunikation/telecommunication)
SQL	Standard (or: Structural, or: Structured) Query Language (Telekommunikation/telecommunication)
SQUID	Superconducting Quantum Interference Device
SQW	Single Quantum Well
SR	Search Retrieval
SR	Security Router (Telekommunikation/telecommunication)
SR	Segregated Reserves (AIP)
SR	Service Router (Telekommunikation/telecommunication)
SR	Signal Recognition
SR	Simulated Reality, simulierte Realität
SR	Speaker Recognition (Sprachverarbeitung/speech processing)
SR	Surinam/Suriname (ISO 3166)
S/R	Switch/Router (Telekommunikation/telecommunication)
SRA	Source-Receiver Array
SRA	Strategic Research Agenda
SRAM	Sequential RAM
SRAM	Static Random-Access Memory (Computer)
SRB	[Yakov] Sinai, [David] Ruelle, [Rufus] Bowen (Maße für Nichtgleichgewichtszustände/measures of nonequilibrium states)
SRC	Statistical Research Center (AIP)
SRC	Strategic Committee and Review (TC im/in the ETSI)
SRD	Science Research Development (EU)
SRD	Short Range Device (Funkgeräte/radio transmitter)
SRET	Scanning Reference Electrode Technique
SRF	Specialized Resources Function (Telekommunikation/telecommunication)
SRF	Strain Rate Feedback
SRG	Senior Research Group (TU Berlin, DE)
SRG	Shared Risk Group (Telekommunikation/telecommunication)
SRI	Stanford Research Institute
SRIF	Science Research Investment Fund (UK)
SRLG	Shared Risk Link Group (Telekommunikation/telecommunication)
SRM	Standard Reference Material (Temperaturstandard/temperature standard, NBS)
SRNC	Servicing Radio Network Controller (Telekommunikation/telecommunication)
SRP	Scientific Research Program
SRP	Signal Recognition Particle (Molekularbiologie/molecular biology)
SRP	Special(ized) Resource(s) Point (Telekommunikation/telecommunication)
SRP	System Review Panel
SRR	Search by Range Reduction
SRS	Sequence Retrieval System (Bioinformatik/bioinformatics)
SRS	Shock Response Synthesis
SRS	Speech Recognition System

SRS	Stimulated Raman Scattering (optischer Signalverstärker/optical signal amplifier)
SRS	Switching and Routinng Server (Telekommunikation/telecommunication)
SRS	Synchrotron Radiation Source (Daresbury Laboratory, GB)
SRT	Source/Receiver Transponder
SRTM	Shuttle Radar Topography Mission
SRY	Sex-Determining Region Y (Genetik/genetics)
SS	Sommersemester (in Göttingen ab 2007: SoSe)
SSA	Sub-Saharan Africa
SSAC	Space Scientific Advisory Committee
SSALTO	Segment sol multimissions d'altimétrie, d'orbitographie et de localisation précise (Satelliten-Altimetrie/satellite height measurement)
SSAP	Statistical Signal and Array Processing (Telekommunikation/telecommunication)
SSBD	Shaped Sonic Boom Demonstrator
SSC	Satellite Station Controller
SSC	Superconducting Super Collider (Texas, USA, geplant, aber 1993 aufgegeben/planned, but 1993 abandoned)
SSC	Survey Scientist Consortium (XMM)
SSCOP	Service Specific Connection Oriented Protocol (Datennetz/data network)
SSCQE	Single Stimulus Continuous Quality Evaluation (TV)
SSCU	Signal Switching and Conditioning Unit (Telekommunikation/telecommunication)
SSD	Switching System Division (Telekommunikation/telecommunication)
SSEC	Selective Sequence Electronic Calculator (1947, Columbia, USA)
SSET	Superconducting Single-Electron Transistor
SSF	Safe-Speed Function
SSF	Service Switching Function (Telekommunikation/telecommunication)
SSG	Service Selection Group (Telekommunikation/telecommunication)
SSG	Special Study Group
SSH	Sea Surface Height (Satelliten-Altimetrie/satellite height measurement)
SSH	Secured Shell (Telekommunikation/telecommunication)
SSH	Security Server for Home Location Register (Telekommunikation/telecommunication)
SSH	Signaling System Handler (Eisenbahntechnik/railway technology)
SSI	Solid State Imaging (or: Imager) [Camera] (Galileo Satellit/satellite)
SSI	Solid State Interlocking
SSI	Stochastic Subspace Identification
SSK	Strahlenschutzkommission
SSL	Secure Socket Layer (Internet, offenes Verschlüsselungs-Protokoll/public encryption protocol)
SSL	Solid-State Lighting
SSL	Superconducting Sensor Laboratory (Chiba, JP)
SSM	Standard-Sonnenmodell (Astrophysik/astrophysics)
SSM	Static Spectrum Management (Telekommunikation/telecommunication)
SSME	Space Shuttle Main Engine
SSMF	Standard Single Mode Fiber (optische Telekommunikation/optical telecommunication)
SSMI	Special Sensor Microwave Imager (Fernerkundung/remote sensing)
SSO	Single Sign-On (Telekommunikation/telecommunication)
SSP	Service Switching Point
SSP	Société Suisse de Physique
SSP	Species Survival Plan (for animals threatened by extinction)
SSPA	Solid State Power Amplifier
SSPS	Space Solar Power System
SSQ	Simulator Sickness Questionnaire (TV: Seekrankheit/motion sickness)
SSR	Secondary Surveillance Radar
SSR	Solid State Relay
SSS	Space Segment
SSST	Southeastern Symposium on System Theory
SSt	Schallschutzstufen (Ruheschutz in Wohnungen/noise protection in homes, VDI-Richtlinie 4100)
SST	Sea Surface Temperature
SST	Sport Shift Transmission (Kfz-Kupplung/vehicle clutch)
SST	Subscriber Station (Teilnehmerstation)
SST	Super Sharp Tube (Röntgenröhre/X-ray tube, Philips)
SSU	Synchronization Supply Unit (Telekommunikation/telecommunication)
SSU	System Software Update
SSVF	System Simulation and Verification Facility (ESTEC)
SS7	Signaling System No. 7 (Telekommunikation/telecommunication)
ST	Sachsen-Anhalt (Bundesland/German Federal State)
ST	Sao Tomé und Principe/Sao Tome and Principe (ISO 3166)
S&T	Science and Technology
ST	Sixteen Thirty-two (Atari: 16 Bit externer/32 Bit interner Datenbus)
ST	Small Terminal
ST	Street (US Mail)
STA	Science and Technology Agency (Japan)
STA	Station (US Mail)
STA	Statistical Token Analysis (Antispamfilter/anti-spam filter)
STA	Synchronous Transfer Architecture (Signalprozessoren/signal processors)
STANAG	Standard(ization) NATO Agreement
STAP	Space Time Adaptive Processing
STAR	GLOBALSTAR Satellite Technology
STAR	Solenoidal Tracker at RHIC
STAR	Standardization and R & D Links (CEN-Arbeitsgruppe/CEN working group)
STARS	Software Technology for Adaptable Reliable Systems

START	Small Tight Aspect Ratio Tokamak (Culham, UK)
START	Strategic Arms Reduction Treaty (or: Talks)
STARTAP	Science, Technology and Research Transit Point (Datennetz/data network of the NSF, Chicago, IL, USA)
STB	Set Top Box (Telekommunikation/telecommunication)
STBC	Space Time Block Coding (Telekommunikation/telecommunication)
STC	Signaling and Traffic Control (Eisenbahntechnik/railway technology)
STC	Spanning Tree Protocol (Telekommunikation, Mehrwegausbreitung/telecommunication, multipath propagation)
STD	Subscriber Trunk Dialing (Telekommunikation/telecommunication)
STE	Suite (US Mail)
ST-ECF	Space Telescope European Coordinating Facility (ESO)
STED	Stimulated Emission Depletion (hochauflösende Mikroskopie/high-resolution microscopy)
STEM	Scanning Transmission Electron Microscope
STEM	Science, Technology, Engineering, and Mathematics (USA, Hochschulkurse/University courses)
STEP	Satellite Test of Equivalence Principle
STEP	[German] Students Exchange Programme
STEP	Study about Therapeutic Effects of Intercessory Prayer
STEREO	Solar Terrestric Relations Observatory
STFC	Science and Technology Facilities Council (UK)
STFT	Short Time Fourier Transform
STG	Schiffbautechnische Gesellschaft
SThM	Scanning Thermal Microscopy
STI	Signal-Transduktions-Inhibitor (Medikamentenklasse/medicine class)
STI	Speech Transmission Index
STIRAP	Stimulated Raman Scattering Involving Adiabatic Passage
STIS	Space Telescope Imaging Spectrograph (on Hubble Space Telescope)
STL	Sound Transmission Loss
STL	Standard Telecommunications Laboratory (Harlow, UK)
STL	Studio-to-Transmitter Link
STM	Scanning Thermal Microscopy
STM	Scanning Tunnel[ing] Microscopy
STM	Scientific Technical and Medical (Information)
STM	Short-Term Memory
STM	Specific Transmission Module
STM	Synchronous Transfer (or: Transport) Module (Datennetz/data network)
STMT	Satellite Train Mobile Terminal (Telekommunikation/telecommunication)
STN	The Scientific and Technical Information Network (Datenbank/data bank)
STN	Supertwisted Nematic (Flüssigkristalle/liquid crystals)
STO	Strontiumtitanat, $SrTiO_3$
STOL	Short Take-off and Landing
STP	Shielded Twisted Pair (Datenkabel/data cable)
STP	Signaling Transfer Point (Telekommunikation/telecommunication)
STP	Silanterminierte Polyurethane (Kleb- und Dichtstoffe/adhesives and seals)
STP	Solar Terrestrial Probe
STP	Spanning Tree [Algorithm and] Protocol (Telekommunikation/telecommunication)
STR	Self-Tuning Regulator
STR	Short Tandem Repeats (in DNA-Sequenzen/in DNA sequences)
STR	Star Tracker (Satellit/satellite)
STREP	Specific Targeted Research Project
STRESOIL	[In Situ] Stimulation and Remediation of Contaminated Fractured Soils (Project)
STRL	Science and Technical Research Laboratories (NHK, Japan)
STS	Scanning Tunneling Spectroscopy
STS	Section de Technicien Supérieure
STS	Spin Transfer Switching (Festkörperphysik/solid state physics)
STS	Sulcus Temporalis Superior (im Gehirn/in the brain)
STS	Synchronous Transport Signal (Datennetz/data network)
STS	System Time Stamp (Telekommunikation/telecommunication)
STScI	Space Telescope Science Institute (Baltimore, MD, USA)
STSF	Spatial Transformation of Sound Fields (Brüel & Kjær)
STTD	Space Time Transmit Diversity (Telekommunikation/telecommunication)
STTI-KL	Software-Technologie-Transfer-Initiative Kaiserslautern (DE)
Stupa	Studentenparlament
StVO	Straßenverkehrsordnnung
STXM	Scanning Transmission X-Ray Microscopy
SU	Sowjetunion/Soviet Union (ISO 3166 bis/until 1992)
SUB	[Niedersächsische] Staats- und Universitätsbibliothek (Göttingen, DE)
SUMER	Solar Ultraviolet Measurements of Emitted Radiation (an Bord von/aboard SOHO)
SUMU	Station Unit Module UMTS (Telekommunikation/telecommunication)
SUNDIAL	Speech Understanding and Dialogue
SUNO	Southern University of New Orleans (LA, USA)
SUNY	State University of New York (Buffalo, NY, USA)
SUPA	Scottish Universities Physics Alliance
SUPERGEN	Sustainable Power Generation and Supply (UK Initiative)
SuperSmile	Superior Semiconductor Mid-Infrared Laser
SUPL	Secure User Plane (Telekommunikation/telecommunication)
SUR	Speech Understanding Research (ARPA project)
SURTASS	Surveillance Towed Array Sensor System (US Navy, Sonar)
SUSHI	Standardized Usage Statistics Harvesting Initiative
SUSI	Sydney University Stellar Interferometer

SUSY	Supersymmetrie (Elementarteilchentheorie/elementary particle theory)
SUU	Southern Utah University (USA)
SUV	Sport(s) Utiliy Vehicle
SV	El Salvador (ISO 3166)
SV	Speaker Verification (Sprachverarbeitung/speech processing)
SV	Stifterverband für die Deutsche Wissenschaft e.V.
SVB	Statistical Dialect of Visual Basic
SVC	Scalable Video Coding
SVC	Switched Virtual Circuit (or: Connection) (Internet)
SVD	Singular Value Decomposition
SVF	Serial Vector Format
S-VHS	Super-VHS
SVK	Sauerstoffverzehrkathode (Chlor-Produktion)
SVL	Scientific Vector Language
SVLAN	Stacked VLAN
SVM	Skalierungs-Vektor-Methode (nichtlineare Dynamik/nonlinear dynamics)
SVM	Support Vector Machine (Telekommunikation/telecommunication)
SVO	Spectroscopic Virtual Observatory
SVST	Swedish Vacuum Solar Telescope
SW	Software
SWAN	Solar Wind Anisotropy (an Bord von/aboard SOHO)
SWAS	Submillimeter Wave Astronomy Satellite
SWATH	Small Water Plane Area Twin Hull (Schiffbau/ship building)
SWC	Slepian-Wolf Coding (Telekommunikation/telecommunication)
SWC	Software Components
SWF	Südwestfunk
SWICO	Single-Watermarked Image Counterfeit Original (Telekommunikation/telecommunication)
SWIM	Small World Indexing Model
SWIR	Shortwave Infrared
SWL	Shock Wave Lithotripsy, Stoßwellen-Lithotripsie
SWLI	Scanning White Light Interferometry
SWNT	Single Wall(ed) Nanotubes (or: Single-Walled Carbon Nanotubes)
SWS	Semesterwochenstunde
SXT	Soft X-Ray Transient (Astrophysik/astrophysics)
SY	Syrien/Syrian Arab Republic (ISO 3166)
SYN	Synchronize
SysCoP	System for Copyright Protection
SZ	Süddeutsche Zeitung
SZ	Swaziland (ISO 3166)

T

T	Thymin (DNA-Base/DNA base)
TA	Teaching Assistent (USA)
TA	Technikfolgen-Abschätzung
TA	Technische Anleitung
TA	Timing Advance (Telekommunikation/telecommunication)
TAAR	Trace Amine-Associated Receptor (Riechorgan/olfactory organ)
TAB	[Büro für] Technikfolgen-Abschätzer des Bundestages
TAB	Tape Automated Bonding
TAC	Technical Activity Committee (IEEE)
TAC	Technical Assistance Center (Telekommunikation/telecommunication)
TAC	Type Approval Code
TACAMO	Take Charge and Move Out (militärisch/military)
TACACS	Terminal Access Controller Access Control System (Telekommunikation/telecommunication)
TACAS	Traffic Alert and Collision Avoidance System
TACIS	Technical Assistence to the Commonwealth of Independent States (EU)
TACS	Total Access Communication System (Telekommunikation/telecommunication)
TACTS	Transport and Composition in the Upper Troposphere (Research project for HALO)
TAG	Multi-Standard Identification Plate
TAI	Temps Atomique International
TAL	Telephonic Acoustic Loss (Telekommunikation/telecommunication)
TAL	[Deutsche] Transalpine Ölleitung
TALC	Technology Adoption Life Cycle (Telekommunikation/telecommunication)
TAM	Total Available Market
TAML	Tetra Amide Macrocyclic Ligands
TAMU	Texas A&M University (Texas, USA)
TAN	Total Acid Number (Chemie/chemistry)
TAN	Transaktionsnummer (Homebanking)
TAN	Trust Assured Network
TANA	Techniques for Advanced Network Applications (Internet)
TAO	Telecommunications Advancement Organization (Japan)
TAP	Test Access Board
TAP	TETRA Application Platform (Telekommunikation/telecommunication)
TAPI	Telephony Application Programming Interface (Telekommunikation/telecommunication)
TARA	Tsukuba Advanced Research Alliance (Japan)
TARANIS	Terawatt Apparatus for Relativistic and Non-Linear Interdisciplinary Science
TARMAC	Taxi and Ramp Management and Control (DLR, Flughafenbetrieb/airport traffic)
TAROT	Télescope à Action Rapide pour les Objets Transitoires (FR)

TAS	Transport Automation Solutions (Eisenbahntechnik/railway technology)
TASCC	Tandem Accelerator Superconducting Cyclotron (Ontario, CA)
Taser	Thomas A. Swift's Electric Rifle (eine Elektroschockwaffe/an electroshock weapon)
TASHE	Thermoacoustic Stirling Heat Engine
TASI	Time Assignment Speech Interpolation
TAT	thematischer Apperzeptionstest (Psychologie/psychology)
TAT	Turn Around Time
TAT 12/13	Transatlantic Ring (Glasfaserkabel/glass-fiber cable USA – GB – FR)
TATB	Triaminotrinitrobenzol (Sprengstoff/explosive)
τ-Code	TAU: Triangular, Adaptive, Upwind (FVM-Variante/FVM variant)
TAZ	Die Tageszeitung (Berlin, DE)
TB	Time-Bandwidth (Product)
TBCCO	Thallium-Barium-Calcium-Kupferoxid (HTSL)
TBF	Temporary Block Flow (Telekommunikation/telecommunication)
tbg	Technologie-Beteiligungs-Gesellschaft (Tochter der Deutschen Ausgleichsbank)
TBL	Turbulent Boundary Layer
TBN	Total Base Number (Chemie/chemistry)
TBR	Technical Basis for Regulation (DECT)
TBS	Transport Block Size (Telekommunikation/telecommunication)
TBT	Tributylzinn (in Anti-Fouling-Anstrichen/in anti-fouling paints)
TC	Technical Committee (in CEN and ETSI)
TC	Traffic Conditioning
TC	Transcoder (Telekommunikation/telecommunication)
TC	Transmission Convergence (Internet)
TC	Trellis Code (Modulation)
TC	Total Carbon
TC	Turks- und Caicosinseln/Turks and Caicos Islands (ISO 3166)
TCA	Telecom Computing Architecture
TCA	Threshold Crossing Alarms (Telekommunikation/telecommunication)
TCAA	Technical Committee on Architectural Acoustics (USA)
TCAP	Transaction Capabilities Application Part (Telekommunikation/telecommunication)
TCC	Traffic Control Center (Eisenbahntechnik/railway technology)
TCDD	2,3,7,8-Tetrachlordibenzo-para-Dioxin („Seveso-Gift"/the "Seveso poison")
TCGA	The Cancer Genome Atlas (NIH Forschungsprogramm/research project)
TCH	Traffic Channel (Telekommunikation/telecommunication)
TCHT	Thermo-Chemotherapie (Krebsbekämpfung/cancer treatment)
TCL	Through Camera Lens (Autofocus-System für Videocameras/auto-focus system for video cameras)
TCM	Tagungszentrum Messe (Hannover, DE)
TCN	Technical Committee on Noise (ASA)
TCNQ	8-Tetracyano-p-chinodimethan(id)
TCO	Total Cost of Ownership (or: Operation)
TCP	Technological Capabilities Panel (USA)
TCP	Transmission (or: Transport) Control Protocol (Rechnernetz, Telekommunikation/computer network, telecommunication)
TCP	Tumor-Control Probability
TCPM	Tetracyclopropylmethan
TCQ	Trellis Coded Quantization (Datenübertragung/data transfer)
TCR	Telemetry and Satellite Command and Ranging (Telekommunikation/telecommunication)
TCRP	Transport Cooperation Research Program (Eisenbahntechnik/railway technology)
TCSPC	Time-Correlated Single Photon Counting
TCU	Transmission Control Unit (Kfz-Getriebesteuerung/vehicle gear)
TD	Time Division
TD	Topological Data (Eisenbahntechnik/railway technology)
TD	Tschad/Chad (ISO 3166)
TDA	Diaminotoluol
TDAC	Time Domain Aliasing Cancellation
TDAS	Time Delay Autosynchronization
TDCMA	Time Division CDMA (Telekommunikation/telecommunication)
TDCS	Time Domain Capacitance Spectroscopy
TDD	Time Division (or: Domain) Duplex(ing) (Telekommunikation/telecommunication)
TDE	Time Delay Estimation
TDE	Total Development Environment
TDF	Télédiffusion de France
TDF	Train Describer Function
TDI	Time-Delay Integration
TDI	Toluylendiisocyanat
TDI	Turbo Direct Injection (Motoren/engines)
TDLHS	Tunable Diode Laser Heterodyne Spectrometer (NPL, UK)
TDLS	Tunable Diode Laser Spectroscopy
TDM	Time Division Multiplex(ing) (Telekommunikation/telecommunication)
TDMA	Time Division Multiple Access (Telekommunikation/telecommunication)
TDMB	Terrestrial Digital Multimedia Broadcasting
TDNN	Time-Delay Neural Network
TDOA	Time Difference of Arrival (Telekommunikation/telecommunication)
TDS	Time-Domain Synchronous
TD-SCDMA	Time Division Synchronous Code Division Multiple Access (Telekommunikation/telecommunication)
T-DSL	Telekom DSL (768 kbps Empfangs- und 128 kbps Sende-Geschwindigkeit/768 kbps receiving and 128 kbps transmitting rate)
TDT	Time Data Table

TDTC	Truck Development and Technology Center (Fort Wayne, IN, USA)
TE	Terminal Equipment (TC im/in the ETSI)
TE	Thermoelectric(s)
TE	Transposable Element, transponierbares Element (Genetik/genetics)
TE	transversal elektrisch (Hohlleitermode/waveguide mode)
TEACCH	Treatment and Education of Autistic and Related Communication Handicapped Children (North Carolina, USA, 1970)
TEC	Teacher Education Coalition (USA)
TEC	Technical Expertise Center (Telekommunikation/telecommunication)
TEC	Thermoelectric Cooler
TECP	Texas Electronic Coalition for Physics ("Teleteaching")
TED	Technology, Entertainment and Design (Konferenz, Preis/conference, prize)
TED	Transnational English Database
TEDDY	The Environmental Determinants of Diabetes in the Young
TEDS	Transducer Electronic Data Sheet
TEG	[Fraunhofer-] Technologie-Entwicklungsgruppe
TEL	Transit Exposure Level
TELCERT	Technology Enhanced Learning Conformance – European Requirements and Testing
TELI	Technisch-Literarische Gesellschaft
TELNET	[Terminalemulation] (Rechnernetz)
TEM	Transmissionselektronenmikroskop(ie), Transmission Electron Microscope (or: Microscopy)
TEMIS	Text Mining Solutions
TEMPUS	Trans-European Mobility Programme for University Students (EU)
TEN	Trans-European Network (seit/since 1998, 155 Mbit/s)
TEN-IBK	Transeuropäische Netze – Integrierte Breitbandkommunikation
TEN-T	Trans-European Network – Traffic (Eisenbahntechnik/railway technology)
TEOAE	Transitorisch evozierte otoakustische Emissionen
TEPAC	Tube Engineering Panel Advisory Committee
TEPS	Tissue Engineering Platforms (Industrieverband/industrial association, Straßburg, FR)
TEQ	Tilt Equalizer (optische Telekommunikation/optical telecommunication)
TER	Terrace (US Mail)
Terfenol-D	acronym of Tb (Terbium), Dy (Dysprosium), Fe and NOL (Naval Ordnance Laboratory), see J. Appl. Phys. 50 (1979) 1674–1676
TERI	Terrestrial Ecosystems Research Initiative
TERN	Terrestrial Ecosystems Research Network
TERS	Tip-Enhanced Raman Spectroscopy
TES	Terminal Server
TES	Transition Edge Sensor (Bildbearbeitung/picture processing)
TESLA	TeV-Energy Superconducting Linear Accelerator (bei/at DESY, Hamburg, DE, geplant/planned)
TEST	Transferable European Space Technologies
TETRA	Technologien für zukünftige Raumtransportsysteme
TETRA	Trans-European (or: Terrestrial) Trunked Radio Access
TEU	Transmitter Equipment for UMTS (Telekommunikation/telecommunication)
TeVeS	Tensor–Vector–Scalar Theory (Gravitationstheorie/gravitational theory)
TEXUS	Technische Experimente unter Schwerelosigkeit
TF	French Southern Territories (ISO 3166)
TFB	Transferbereich (im/in the SFB)
TFD	Time-Frequency Distribution
TFF	Thin Film Filter
TFLOPs/s	Tera-FLOPs/s ($= 10^{12}$ FLOPs/s)
TFO	Tandem-Free Operation (Mobilfunk/mobile radio)
TFRC	Transport Format Code (Telekommunikation/telecommunication)
TFRI	Transport Format Identifier (Telekommunikation/telecommunication)
TFSC	Time-Frequency-Space Correlation
TFT	Thin Film Technology
TFT	Thin-Film Transistor
TFT	Traffic Flow Templates (Telekommunikation/telecommunication)
TFTP	Trivial File Transfer Protocol (Telekommunikation/telecommunication)
TFTR	Tokamak Fusion Test Reactor (Fusionsreaktortechnik/fusion reactor technology, PPPL)
TFTS	Terrestrial Flight Telephone System
TFU	Timing and Frequency Unit (Telekommunikation/telecommunication)
TG	Task Group
TG	Technical Group (INCE)
TG	Togo (ISO 3166)
TGA	Thermal Gravimetric Analysis
TGA	Trägergemeinschaft für Akkreditierung
TG/CBE	Technical Group on Computer and Business Equipment (INCE)
TGF	Transforming Growth Factor
TGHI	Time Gated Holographic Imaging
TGMS	Third Generation Mobile Communication System (Telekommunikation/telecommunication)
TGS	Technologie- und Gründerzentrum Spreeknie (Berlin, DE)
TGS	Ticket-Granting Service (Datennetz/data network)
TGV	Train à grande vitesse (französische Hochgeschwindigkeits-Bahn/French high-speed train))
TGW	Trunking Gateway (Telekommunikation/telecommunication)
TGZ	Technologie- und Gründerzentrum
TH	Thailand (ISO 3166)
TH	Thüringen (Bundesland/German Federal State)
THAAD	Theater High Altitude Area Defense (USA)
THC	Tetrahydrocannabinol (Wirkstoff/effective substance in Cannabis)

THD	Total Harmonic Distortion
THEL	Tactical High-Energy Laser (US-Waffe/weapon)
THEMIS	Thermal Emission Imaging System (Mars-Sonde/Mars probe Odyssey)
THORPEX	The Observing System Research and Predictability Experiment (for better weather forecast)
THTR	Thorium-Hochtemperatur-Reaktor (Hamm i. Westf., DE)
Thums	Total Human Model for Safety (Toyota, virtuelles Dummy/virtual dummy)
TI	Institut für Telematik e.V. (Trier, DE)
TI	Texas Instruments
TIA	Telecom(munications) Industry Association (USA)
TIB	Technische Informationsbibliothek (Hannover, DE)
TIC	Total Inorganic Carbon
TICAM	Texas Institute of Computational Mathematics (College Park, MD, USA)
TIF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
TIFF	Tag(ged) Image File Format (Graphikformat/graphic file)
TIG	Tungsten-Inert Gas (Schutzgasschweißen/gas-shielded welding)
TIL	Tumor-Infiltrating Lymphocytes (Zellen/cells)
TILL	Track Illuminator Laser (US-Waffe/weapon)
TIM	Terrestrial Interface Module (Telekommunikation/telecommunication)
TIMS	Teaching Integrated Math and Science (Chicago, IL, USA)
TIMSS	Third (or: Trends in) International Mathematics and Science Study
TINA	Telecommunications Information Network Architecture
TINA	Transport and Infrastructure Needs Assessment (Eisenbahntechnik/railway technology)
TIP	Technology Innovation Program (USA)
TIP	Terabit IP Router (Telekommunikation/telecommunication)
TIP	Testing Interoperability and Performance
TIPOR	Terabit IP Optical Router (Telekommunikation/telecommunication)
TIPS	Theory of Inventive Problem Solving
TIR	Total Internal Reflection (Optik/optics)
TIRF	Total Internal Reflection Fluorescence (Microscopy)
TIRS	Transverse Impuls Rocket System (Raumfahrt/spacecraft)
TIS	Total Isotropic Sensitivity (Mobiltelefon/mobile phone)
TISPAN	Telecommunications and Internet Converged Services and Protocols for Advanced Networks
TIT	Tokyo Institute of Technology
TJ	Tadschikistan/Tajikistan (ISO 3166)
TJNAF	Thomas Jefferson National Accelerator Facility (Newport News, CA, USA)
TK	Telekommunikation
TK	Tokelau (ISO 3166)
TKG	Telekommunikationsgesetz (25.7.96)
TKIP	Temporal Key Integrity Protocal (Telekommunikation/telecommunication)
TL	Timor–Leste (ISO 3166)
TLC	Thin Layer Chromatography
TLR	Toll-Like Receptor (Protein)
TLS	Total Least Squares (Algorithmus/algorithm)
TLS	Transparent LAN Service(s) (Telekommunikation/telecommunication)
TLS	Transport Layer Security (Telekommunikation/telecommunication)
T-LSP	Transport LSP (Telekommunikation/telecommunication)
TM	Terminal Multiplexer (Telekommunikation/telecommunication)
TM	Transmission and Multiplexing (TC im/in the ETSI)
TM	transversal magnetisch (Hohlleitermode/waveguide mode)
TM	Turkmenistan (ISO 3166)
TMC	Telecommunication Metrology Center (China)
TMC	Traffic Message Channel (Verkehrsnachrichtenkanal)
TMCC	Transmission and Multiplexing Configuration (and) Control (Telekommunikation/telecommunication)
TMF	Telecommunications Management Forum (Telekommunikation/telecommunication)
TMI	Texas Materials Institute
TMN	Telecommunication(s) Management Network (Telekommunikation/telecommunication)
TMP	Turbomolekularpumpe
TMR	Training and Mobility of Researchers (EU-Programm/EU program)
TMR	Tunneling Magnetoresistance
TMS	transkranielle Magnetstimulation
TMS	Transportable Monitoring System (Telekommunikation/telecommunication)
TMT	Thirty Meter Telescope (geplaner Baubeginn/start of construction planned for: 2009)
TMTC	Telemetry/Telecommand
TMTSF	Tetramethyltetraselenanafulvalen (organischer Supraleiter/organic superconductor)
TN	Tennessee (US-Staat/US state)
TN	Tunesien/Tunisia (ISO 3166)
TN	Twisted Nematic (Flüssigkristalle/liquid crystals)
TNAZ	Trinitroazetin (Sprengstoff/explosive)
TNF	Tumor Nekrose Factor
TNL	Transport Network Layer (Telekommunikation/telecommunication)
TNM	Tumor, Nodi [Lymphknoten], Metastasen (Krebsstadium-Klassifizierung/cancer state classification)
TNO	[Nederlandse organisatie voor] Toegepast Natuurwetenschappelijk Onderzoek
TNPP	Telocator Network Paging Protocol
TNT	Trinitrotoluol (Sprengstoff/explosive)
TNT	Tunneling Nanotube
TO	Thermo-Optical [Effects]
TO	Tonga (ISO 3166)
ToA	Time of Arrival

TOC	Total Organic Carbon
TOE	Theory of Everything
TOEFL	Test of English as a Foreign Language (Sprachtest für Austauschstudenten)
TOF	Time-of-Flight (z.B. im Massenspektrometer/e.g. in mass spectrometers)
TOFM	Time of Flight Modulation
TOFMS	Time-of-Flight Mass Spectrometer
Tokamak	[russ. Abk.: Ringkammer mit Magnetspule/Russian abbrev.: ring chamber with magnets] (Kernfusionsreaktor/nuclear fusion reactor)
TOMS	Total Ozone Mapping Sensor
TON	Taiwan Oscillation Network
TOP	Technical and Office Protocol (Datennetz/data networks)
TOP	thermooptisch variabler Polymerwerkstoff
TOP	Time-Averaged Orbiting Potential
TOPAS	Tankfahrzeug mit optimierten passiven und aktiven Sicherheitseinrichtungen
TOPP	Tagging of Pacific Predators (Meeresbiologie/marine biology)
TOPS	Towards Other Planetary Systems (Astronomie/astronomy)
TOPS	Trends in Optics and Photonic Series (OSA, Buchreihe/book series)
TOS	TETRA Operation Server (Telekommunikation/telecommunication)
TOS	The Operating System
TOS	Type of Service (Telekommunikation/telecommunication)
TOT	Time Offset Table
TOU	Technologieorientierte Unternehmensgründungen (Modellversuch, neue Bundesländer)
TOXC	Transparent Optical Cross-Connect (optische Telekommunikation/optical telecommunication)
TPA	Transfer Path Analysis
TPA	Transient Program Area
TPC	Transmission Power Control (Telekommunikation/telecommunication)
TPC5	Transpacific Cable Link (Glasfaserkabel/glass-fiber cable USA – Japan)
TPD	Technisch Physische Dienst (TNO-TU Delft, NL)
TPF	Terrestrial Planet Finder (geplant für/planned for 2010)
TPFM	Two-Photon Fluorescence Microscopy
TPI	Terahertz Pulse Imaging
TPKE	Turnpike (US Mail)
TPM	Technological Protection Measures
TPM	Tyre Pressure Monitoring (Kfz/motor vehicle)
TPMS	Tire Pressure Monitoring System (= RDK)
TPOM	Technical Program Organizing Meeting (ASA)
TPS	Temporal Phase Shifting
TPS	Thermal Protection System (Raumfahrt/spacecraft)
TPS	Transmission (or: Transport) Parameter Signaling (Telekommunikation/telecommunication)
TPS	Turbine Powered Simulators (Modelltriebwerke/model thrusters)
TPSDA	Triple Play Service Delivery Architecture (Telekommunikation/telecommunication)
TPSI	Temporal Phase Shifting Interferometer
TPU	Thermoplastisches Polyurethan
TPV	Thermophotovoltaik
TPX	Tokamak Physics Experiment (Fusionsreaktortechnik/fusion reactor technology, PPPL)
TQM	Total Quality Management
TR	Time Reversal
T/R	Transmit/Receive [Modus] (Telekommunikation/telecommunication)
TR	Türkei/Turkey (ISO 3166)
TRA	Telegraphentechnisches Reichsamt (Berlin, DE, 1.10.1920–31.3.1928/Oct. 1, 1920 – March 31, 1928, danach/thereafter: RPZ)
TRA	Time Reversal Acoustics
TRACE	Transition Region and Coronal Explorer (Sonnensatellit/solar satellite)
TRACS	Tool Representation and Communication System (Telekommunikation/telecommunication)
TRADE	Transatlantic Research and Development Environment
TRANS	Technologien aus der Raumfahrt für Anwendungen in Nicht-Raumfahrtsparten (DLR und MST Aerospace GmbH, Köln, DE)
Transceiver	Transmitter + Receiver
TRANSEC	Transmission Security (Telekommunikation/telecommunication)
Transponder	Transmitter + Responder
TRAP	Temporal Pattern (Spracherkennung/speech recognition)
TRBF	Technische Regeln für brennbare Flüssigkeiten
TRC	Tone Reproduction Curve (Bildverarbeitung/picture processing)
TRC	Traction Control (Kfz/motor vehicle)
TRC	Transportation Research Center (Ohio State University, USA)
TRC	Tsukuba Research Consortium (Japan)
TRE	Transceiver Equipment (Telekommunikation/telecommunication)
TREC	Théorie des Réseaux et Communications
TRELIBS	Time-Resolved Laser-Induced Breakdown Spectroscopy
TREND	Time Reversal Elastic Nonlinearity Diagnostic
TREO	Tucson Regional Economic Opportunities (Arizona, USA)
TRF	Time-Resolved Fluorescence
TRGS	Technische Regeln für Gefahrstoffe
TRI	Time Reversal Invariance
Tri	Trichlorethen
TRIP	Trade Related Aspects of Intellectual Property
TRIP	Transformation Induced Plasticity (Stahlerzeugung/steel production)
TRIPS	Tera-Op, Reliable, Intelligently Adaptive Processing System

TRIUMF	[Kanadisches Kernforschungszentrum/Canadian nuclear research center]
TRIZ	Teoriya Resheniya Izobratelskikh Zadatch (russische Abkürzung für TIPS/Russian abbreviation of TIPS)
TRK	Technische Richtkonzentration
TRM	Time Reversal Mirror
TRM	Transmission Resource Management (Telekommunikation/telecommunication)
TRMM	Tropical Rainfall Measuring Mission
TRN	Topology Representing Network (Selbstorganisation/self organization)
TROSY	Transverse Relaxation-Optimized Spectroscopy
TRP	Test Resource Partitioning
TRP	Time Reversal Process
TRP	Total Radiated Power (z.B. Mobiltelefon/e.g., mobile phone)
TRS	Time-Reversal Symmetry (Theoretische Physik/theoretical physics)
TRSPIV	Time-Resolved Stereo Particle Image Velocimetry
TRU	Transuranic Waste (rdioaktiver Abfall/radioactive waste)
TRX	Transceiver (Mobilfunk/mobile radio)
T/S	Terrestrial/Satellite (Telekommunikation/telecommunication)
TS	Time Slot (Datenübertragung/data transmission)
TS	Topic Segmentation (Sprachverarbeitung/speech processing)
TS	Transport Stream (Digitalrundfunk/digital broadcast)
TSAPI	Telephone Services Application Programmming Interface (Telekommunikation/telecommunication)
TSC	Training Sequence Code (Telekommunikation/telecommunication)
TSC-IP	Transparent System Connector IP (Telekommunikation/telecommunication)
TSD	Transport Solutions Division (Eisenbahntechnik/railway technology)
TSER	Targeted Socio-Economic Research Programme (EC)
T-SGW	Transport Signaling Gateway (Telekommunikation/telecommunication)
TSI	Technical Specifications for Interoperability (Eisenbahntechnik/railway technology)
TSI	Total Solar Irradiance
TSM	Tandem Scanning Microscope
TSMF	Transport Stream Multiplexing Frame (Telekommunikation/telecommunication)
TSO	Technical Specifications Organizations
TSOM	Traffic and Service Optimization Module (Telekommunikation/telecommunication)
TSP	Thiele Small Parameter (Lautsprechertest/loudspeaker test)
TSP	Traveling Salesman Problem
TSR	Tag Switched Routing (Telekommunikation/telecommunication)
TSR	Terminate and Stay Resident
TSR	Test-Speicher-Ring (in Heidelberg, DE)
TSS	Teleworker Success Suite (Telekommunikation/telecommunication)
TSST	Trierer Sozial-Stress Test
TST	Trusted Signature Terminal
TSV	Through Silicon Via (Chip-Fertigung/chip manufacturing)
TT	Technology Transfer
TT	Terrestrial Time (vorher/formerly: ET)
TT	Traffic Trunk (Telekommunikation/telecommunication)
TT	Trinidad und/and Tobago (ISO 3166)
TT	Trust Territory (US Mail)
TTC	Telecommunications Technology Council (Japan)
TTC	Telemetry and Telecommand
TT&C	Tracking, Telemetry and Command (Telekommunikation/telecommunication)
TTCN	Testing and Test Control Notation
TTCN	Tree and Tabular Combined Notation
TTF	Tetrathiafulvalen
TTFF	Time to First Fix (GPS-Ortung)
TTG	Transmit Transition Gap (Telekommunikation/telecommunication)
TTI	Transmission Time Interval (Telekommunikation/telecommunication)
TTL	Time to Live
TTL	Transistor-Transistor Logic
TTLS	Tunneled Transport-Layer Security (Telekommunikation/telecommunication)
TTP	Thrusted Third Party (Telekommunikation/telecommunication)
TTP	Thymidintriphosphat
TTR	Time to Repair
TTR	Touch-Tone Receiver
TTS	T-Tauri-Sterne
TTS	Temporary Threshold Shift (Gehör/in Hearing)
TTS	Text-to-Speech (Sprachsynthese/speech synthesis)
TU	Terminal Unit
TUB	Technische Universität Berlin (DE)
TUD	Technische Universität Darmstadt (DE)
TUG	[National astronomical observatory of Turkey]
TUG	TeX User Group
TUG	Technische Universität Gdansk (PL)
TUHH	Technische Universität Hamburg-Harburg (DE)
TUI	Touristik Union International GmbH & Co. KG
TULIP	The University Licensing Program
TUM	Technische Universität München (DE)
TUTB	European Confederation of Trade Unions (Technical Bord) [Europäischer Gewerkschaftsbund (Technisches Büro)]
TV	Television
TV	Tuvalu (ISO 3166)

TVA	Tennessee Valley Authority (USA)
TVC	Thrust Vector Control [System] (Mechatronics/mechatronics)
TVD	Total Variation Diminishing (numerisches Rechenverfahren/numerical computation)
TVM	Transmission Voie-Machine (im grenzüberschreitenden ICE-Verkehr zwischen Deutschland und Frankreich/border crossing rail-traffic between Germany and France)
TVML	TV Program Making Language
TVO	Trinkwasserverordnung
TV4U	Television for You
TW	Taiwan (ISO 3166)
TWA	Time Weighted Average
TWA	Transmit Wavelength Adapter (optische Kommunikation/optical communication)
TWAS	Third World Academy of Sciences
TWC	Three Way Catalytic (Auspuff/muffler)
TWD	Transparente Wärmedämmung
TWICO	Twin-Watermarked Images Counterfeit Original (Telekommunikation/telecommunication)
TWIP	Twinning Induced Plasticity (hochdehnbarer Stahl/highly tensile steel)
TWPM	Topologically Aware Worm Propagation Model (Computer-Würmer)
TWT	Traveling Wave Tube (Mikrowellen/microwaves)
TWTA	Traveling Wave Tube Amplifier (Mikrowellenverstärker/microwave amplifier)
TX	Texas (US-Staat/US state)
T_x, TX	Transmit
TXT	[Dateinamenerweiterung: Textdatei/file name extension: text file]
TZ	Tansania/Tanzania (ISO 3166)
TZPV	Testzentrum Photovoltaik (Fraunhofer-ISE, Freiburg/Br., DE)
TZW	Technologiezentrum Wasser (Karlsruhe, DE)

U

UA	Ukraine (ISO 3166)
UA	University of Alaska (USA)
UA	User Agent (or: Access) (Telekommunikation/telecommunication)
UAAF	User Access Authorization Function (Telekommunikation/telecommunication)
UAC	User Agent Client (Telekommunikation/telecommunication)
UAE	United Arab Emirates
UAG	Universal Access Gateway (Telekommunikation/telecommunication)
UALR	University of Arkansas at Little Rock (USA)
UARC	Upper Atmosphere Research Collaboratory
UART	Universal Asynchronous Receiver/Transmitter (Telekommunikation/telecommunication)
UAS	Universal Access Server (Telekommunikation/telecommunication)
UAS	Unmanned Aircraft Systems
UAS	User Agent Server (Telekommunikation/telecommunication)
UASP	Underwater Acoustics Signal Processing
UAV	Unmanned Aerial Vehicle (USA)
UBA	Umweltbundesamt (Berlin, DE)
UBC	Uniform Building Code (USA)
UBC	University of British Columbia (Vancouver, CA)
UBO	Université de Bretagne Occidentale (FR)
UBR	Unspecific (or: Unspecified) Bit Rate (Datennetz/data network)
UB/TIB	Universitätsbibliothek und Technische Informations-Bibliothek (Hannover, DE)
UC	Unit Circle
UCAR	University Corporation for Atmospheric Research (USA)
UCB	University of California at Berkeley
UCBB	User-Centric Broadband (Telekommunikation/telecommunication)
UCD	Uplink Channel Descriptor (Telekommunikation/telecommunication)
UCL	University College London (UK)
UCLA	University of California at Los Angeles
UCLP	User Controlled Light Path (optische Telekommunikation/optical telecommunication)
UCN	Ultracold Neutrons
UCRL	University of California Radiation Laboratory (Stanford, CA, USA)
UCS	Uniform Communications System
UCS	Union of Concerned Scientists
UCSB	University of California at Santa Barbara
UCSC	University of California at Santa Cruz
UCSD	University of California at San Diego
UCSF	University of California at San Francisco
UDDI	Universal Description, Discovery and Integration (Telekommunikation/telecommunication)
UDI	Unrestricted Digital Information (Telekommunikation/telecommunication)
UDL	Universität des Dritten Lebensalters
UDLR	Uni-Directional Link Routing (Telekommunikation/telecommunication)
UDP	User Data(gram) Protocol (Internet)
UDRE	User Differential Range Error (Satelliten-Ortung/satellite locating)
UDS	Upper-Data-Strobe (Atari computer)
UE	Unterhaltungselektronik
UE	User Equipment (Telekommunikation/telecommunication)
UEL	Utra-High Efficiency Lighting
UEP	Unequal Error Protection (Telekommunikation/telecommunication)
UER	Union Européenne de Radiodiffusion
UFC	Universities Funding Council (UK)
UFZ	Umweltforschungszentrum (Leipzig/Halle, DE)

UG	Uganda (ISO 3166)
UG	Unification Grammar (Sprachverarbeitung/speech processing)
UGC	User Ground Component (Telekommunikation/telecommunication)
UGS	User Ground Segment (Satellitensystem/satellite system)
UGTMS	Urban Guided Transport Management System (Eisenbahntechnik/railway technology)
UH	University of Hawaii (USA)
UHDTV	Ultra High Definition Television
UHECR	Ultra-High Energy Cosmic Rays
UHF	Ultra High Frequency (0,3 – 3 GHz)
UHM	University of Hawaii at Manoa
UHP	Ultra-High Performance (z.B. Lampen/e.g. lamps)
UHPC	Ultra High Performance Concrete
UHR	Ultra-High Resolution
UHTS	Ultra-High Throughput Screening
UHV	Ultra High Vacuum, Ultrahochvakuum
UI	User Interface
UIC	Union internationale des chemins de fer
UIC	University of Illinois at Chicago
UIDP	University–Industry Demonstration Partnership
UIMA	Unstructured Information Management Architecture (Textbearbeitung/text processing)
UIME	User Information Management Entities (Telekommunikation/telecommunication)
UIT	Union Internationale des Télécommunications
UITB	Union Internationale des Transports Publics
UIUC	University of Illinois at Urbana-Champaign
UJF	Université Joseph Fourier (Grenoble, FR)
UK	United Kingdom (auch im/also in the Internet)
UKAEA	UK Atomic Energy Authority
UKATC	UK Armstrong Technology Centre
UKCPO	United Kingdom Consortium for Photonics and Optics
UKSEDS	UK Students for the Exploration and Development of Space
UKTI	UK Trade and Investment
ULCH	Ultra Low-Cost Handset (Mobiltelefon/mobile phone)
ULD	Unabhängiges Landeszentrum für Datenschutz
ULDB	Ultra Long Duration Balloon
ULE	Ultra Low Expansion (Teleskopspiegelglas/glass for telescope mirrors)
ULEF	Ultra Low Emission Vehicle (Kfz-Technik/motor vehicles)
ULF-FORTH	[Laserforschungslaboratorium, Iraklion, GR]
ULIRG	Ultraluminous, Infrared-Emitting Galaxy
ULP	Ultra Low Power
ULSI	Ultra Large Scale Integration
ULTRA	Universal Laboratory Training and Research Aid
UM	United States Minor Outlying Islands (ISO 3166)
UM	Universal Messaging (Telekommunikation/telecommunication)
UM	University of Mississippi (USA)
UMA	Unlicensed Mobile Access (Telekommunikation/telecommunication)
UMEG	Zentrum für Umweltmessungen, Umwelterhebungen und Gerätesicherheit Baden-Württemberg (Karlsruhe, DE)
UMIC	Ultra High-Speed Mobile Information and Communication (Exzellenzcluster, RWTH Aachen, DE)
UMID	Unique Material Identifier
UMIS	universelles mobiles Informationssystem
UMIST	University of Manchester Institute of Science and Technology
UMK	Umweltministerkonferenz
UML	Unified Modeling Language (Computerprogramm-Struktur/computer program structure)
UMLS	Unified Medical Language System
UMS	Unified Messaging Service (Telekommunikation/telecommunication)
UMS	Universal Monitoring System (Telekommunikation/telecommunication)
UMSICHT	[Fraunhofer-Institut für] Umwelt-, Sicherheits- und Energietechnik (Oberhausen, DE)
UMTS	Universal Mobile Telecommunication(s) Standard (or: System)
UNAEC	United Nations Atomic Energy Commission
UNAWE	Universe Awareness (Astronomie für benachteiligte Kinder/astronomy for handicapped children)
UNC-CH	University of North Carolina at Chapel Hill
UNCDF	United Nations Capital Development Fund
UNCED	United Nations Conference on Environment and Development (Rio de Janeiro, Juni/June 1992)
UNCLOS	United Nations Convention on the Law of the Sea
UNCTAD	United Nations Conference on Trade and Development
UNDP	United Nations Development Programme
UNE	Unbundled Network Element (Telekommunikation/telecommunication)
UN/ECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific, and Cultural Organization
UNFCCC	United Nations Framework Convention on Climate Change
UNI	Union Network International (Gewerkschaftsorganisation, seit 1.1.2000/Trade Union, since Jan. 1, 2000)
UNI	User–Network Interface (Datennetz/data network)
UNIC	United Nations Information Center (viele Standorte weltweit/worldwide many locations)
UNICAMP	Universidade Estadual de Campinas (BR)
UNILAC	Universal Linear Accelerator (GSI)
UNISIG	[Consortium of European Railway Signaling Supplies] (Eisenbahntechnik/railway technology)
UNITAR	United Nations Institute for Training and Research
UNIX-CE	UNIX-Based Control Element

UNL	Universal Network Language
UNO	United Nations Organization
UNO	University of New Orleans (LA, USA)
UNPROFOR	United Nations Protection Force
UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
UNSCOM	United Nations Special Commission
UNSW	University of New South Wales (Sydney, AU)
UNT	Update Notification Table (Telekommunikation/telecommunication)
UNU	United Nations University
UPC	Ultrafast Photonics Collaboration (UK)
UPC	Unified Parallel C (Programmiersprache/programming language)
UPC	Universal Product Code (Strichcode/bar code)
UPC	Universidad Politècnica de Catalunya (ES)
UP-CAP	Ultra Power Capacitor
UPD	User Profile Directory (Telekommunikation/telecommunication)
UPM	Universidad Politécnica de Madrid (ES)
UPMC	University of Pittsburgh Medical Center (USA)
UPnP	Universal Plug and Play (Multimediageräte)
UpPTS	Uplink Pilot Time Slot (Telekommunikation/telecommunication)
UPS	Ultra-Precision Surfaces
UPS	Unified Profile Scheme (Telekommunikation/telecommunication)
UPS	Uninterruptable Power Supply (= USV)
UPSR	Unidirectional Path Switching (or: Switched) Ring (optische Kommunikation/optical communcation)
UPT	Universal Personal Telecommunications
UPU	Universal Postal Union
UPV	Unpiloted Vehicle
UR	Universal Routing (Telekommunikation/telecommunication)
URA	Unité de recherche associée au CNRS
URA	Universities Research Association (USA)
URAN	UMTS Radio Access Network (Telekommunikation/telecommunication)
URETI	University Research, Engineering, and Technology Institute (befristete NASA-Gründungen/temporary NASA foundations in USA)
UREX	Uranium Recovery by Extraction
URI	Uniform Resource Identifier (Telekommunikation/telecommunication)
URL	Universal Resource Locator (or: Location) (Internet)
URS	User Requirements Specification
URSI	Union Radio-Scientifique Internationale
URT	User Registration Tool (Telekommunikation/telecommunication)
US	United States of America (ISO 3166)
USA	United States of America
USAF	US Air Force
USAMI	US-Africa Materials Institute
USANS	Ultrasmall-Angle Neutron Scattering
USARDSG-UK	United States Army Research, Development and Standardization Group – United Kingdom
USART	Universal Synchronous/Asynchronous Receiver/Transmitter
USB	Universal Serial Bus (Datenübertragung/data transfer)
USC	Uniform Scalar Quantization (Telekommunikation/telecommunication)
USC	University of Southern California
USCAP	US Climate Action Partnership
USCM	Universal Service Component Model
USDA	US Department of Agriculture
USG	Unsolicited Grant Service (Telekommunikation/telecommunication)
USGS	US Geological Survey (Denver, CO, USA)
USIM	Universal Subscriber Identification (or: Identity) Module (Telekommunikation/telecommunication)
USM	User Service Manager (Telekommunikation/telecommunication)
USNA	US Naval Academy
USNC	US National Committee
USPAS	US Particle Accelerator School
USPEX	Universal Structure Predictor: Evolutionary Crystallography
USPTO	US Patent and Trademark Office
USSD	Unstructured Supplementary Service Data (Telekommunikation/telecommunication)
USST	Usage Specification and Specification Testing
UST	Umweltsensortechnologie
UST	Universidade de São Paulo (BR)
USV	unterbrechungsfreie Stromversorgung
UT	Universal Time (seit/since 1928, zuvor/formerly: Greenwich Mean Time, GMT)
UT	Utah (US-Staat/US state)
UTC	Universal Time Coordinated (or: Continuous)
UTD	Uniform Geometric Theory of Diffraction
UTG	Umwelt-Technologisches Gründerzentrum (Augsburg, DE)
UTOP	Ultraviolet Optical Telescope (an Bord von/aboard SWIFT Orbiter)
UTP	Unshielded Twisted Pair (Datenkabel/data cable)
UTR	Untranslated Region (in RNA)
UTRA	UMTS Terrestrial Radio Access (Telekommunikation/telecommunication)
UTRAN	UMTS Terrestrial Radio Access Network (Telekommunikation/telecommunication)
UTS	Ultimate Tensile Strength
UTSA	University of Texas at San Antonio (USA)
UUCP	Unix-to-Unix Copy Program (Rechnernetz/computer network)

UUV	Unmanned Underwater Vehicle
UV	Ultraviolet, Ultraviolett
UVCS	Ultraviolet Coronograph Spectrometer (an Bord von/aboard SOHO)
UVOT	UV-Optical Telescope
UVS	Umweltverträglichkeitsstudie
UVV	Unfall-Verhütungs-Vorschrift
UWAC	Underwater Acoustic Communication
UWB	Ultra Wide Band (Telekommunikation/telecommunication)
UWCC	Universal Wireless Communication Consortium (Telekommunikation/telecommunication)
UWG	Gesellschaft für Umwelt- und Wirtschaftsgeologie mbH (Berlin, DE)
UWS	Universal Wireless System (Telekommunikation/telecommunication)
UY	Uruguay (ISO 3166)
u.Z.	unserer Zeitrechnung (= nach Christus/after Christ)
UZ	Usbekistan/Uzbekistan (ISO 3166)

V

VA	Vatikanstaat/Holy See (ISO 3166)
VA	Veterans Affairs (USA)
VA	Virginia (US-Staat/US state)
VAD	Voice Activity Detection (Telekommunikation/telecommunication)
VALUE	Valorisation and Utilisation for Europe (EU)
VAMAS	Versailles Project on Advanced Materials and Standards
VAN	Varotsos, Alexopoulos, Nomikos (griechische Forscher, Erbebenvorhersagemodell/Greek researchers, earthquake forecast model)
VAN	Vertically Lined Nematic (Flüssigkristalle/liquid crystals)
VANETS	Vehicular Ad Hoc Networks
VAR	Value Added Reseller
VAS	Value Added Service (Telekommunikation/telecommunication)
VAV	Variable Air Volume
VB	Vertical Bridge (Telekommunikation/telecommunication)
VBA	[Microsoft] Visual Basic for Applications
VBC	Vienna BioCenter (Wien, AT)
VBD	Voice Band Data (Telekommunikation/telecommunication)
VBG	Verwaltungs-Berufsgenossenschaft
VBG	Verzeichnis der Einzel-Unfallverhütungsvorschriften der gewerblichen Berufsgenossenschaften
VBI	Vertical-Blank-Interrupt, Vertical Blanking Interval
vBNS	Very High Performance Backbone Network Service (USA, Gbit/s-Netz/net)
VBR	Variable Bit Rate (Datenübertragung/data transmission)
VC	St. Vincent und die Grenadinen/St. Vincent and the Grenadines (ISO 3166)
VC	Vehicle Controller (Eisenbahntechnik/railway technology)
VC	Venture Capital(ist)
VC	Vinylchlorid
VC	Virtual Circuit (Internet)
VC	Virtual Channel (Internet)
VC	Virtual Container (Kommunikation/communication)
VCAT	Virtual Concatenation (Telekommunikation, Ethernet)
VCC	Vital Command Computer
VCC	Vehicle Control Center (Eisenbahntechnik/railway technology)
VCC	Virtual Channel Connection (Internet)
VCC	Voice Call Continuity
VCCV	Virtual Circuit Connection Verification (Telekommunikation/telecommunication)
VCG	Venture Capital-Gesellschaft
VCG	Virtual Connection Group
VCI	Verband der Chemischen Industrie
VCI	Virtual Channel Identifier
VCI	Voltage Contrast Imaging
VCIP	Visual Communications and Image Processing Conference
VCN	Ventral Cochlear Nucleus
VCO	Voltage Controlled Oscillator
VCOSS	Vibration Control of Space Structures
VCR	Video Cassette Recorder
VCS	V-Groove Connector System (Telefon, Steckverbinder)
VCS	Vapor-Cooled Shields (Infrarotastronomie, Kryostat/infrared astronomy, cryostat)
VCSEL	Vertical Cavity Surface Emitting [Semiconductor] Laser, Vertikalresonator-Laserdiode
VCU	Virginia Commonwealth University
VCXO	Voltage-Controlled Crystal Oscillator (für RB-Atomuhr/for Rb atomic clock)
V&D	Voice and Data (Telekommunikation/telecommunication)
VDA	Verband der Automobilindustrie (DE)
VDB	Verband der Bahnindustrie (in DE)
VDBiol	Verband Deutscher Biologen
VDC	Vehicle Dynamics Controller (Kfz/motor vehicle)
VDE	Variable Displacement Engine (Kfz-Motor mit Zylinderabschaltung/internal combustion engine with temporary cylinder deactivation)
VDE	Verband Deutscher Elektrotechniker (oder: Elektroingenieure) e.V.
VDEh	Verein Deutscher Eisenhüttenleute e.V.
VDF	Vector Directional Filter (Bildverarbeitung/picture processing)
VDI	Verein Deutscher Ingenieure e.V.
VDI	Virtual Device Interface

VDI-EKV	VDI-Gesellschaft Entwicklung Konstruktion Vertrieb
VDMA	Verband Deutscher Maschinen- und Anlagenbau(er)
VDSÄ	Vereinigung Deutscher Strahlenschutzärzte e.V.
VDSL	Very High Speed (or: Data Rate) Digital Subscriber Line (Telekommunikation/telecommunication)
VDT	Verband Deutscher Tonmeister
VDTC	Virtual Development and Training Centre (IFF, Magdeburg, DE)
VDU	Visual Display Unit (= Monitor)
VDV	Verband Deutscher Verkehrsunternehmen
VDW	Vereinigung Deutscher Wissenschaftler
v.d.Z.	vor der Zeitenwende (= vor Christus/before Christ)
VE	Venezuela (ISO 3166)
VE	Virtual Environment
VEB	Volkseigener Betrieb (ehem./former DDR)
VECSEL	Vertical External Cavity Surface-Emitting Laser
VEGF	Vascular Endothelial Growth Factor, vaskulärer endotheliarer Wachstumsfaktor
VERAH	Versorgungsassistentin in der Hausarztpraxis
VEI	Volcanic Explosivity Index
VELI	Virtuell European Laser Institute
VERITAS	Very Energetic Radiation Imaging Telescope Array System (Tucson, TX, USA, 2005)
VERONICA	Very Easy Rodent-Oriented Net-Wide Index to Computerized Archives (Rechnernetz/computer network, Gopher)
VESA	Video Electronic Standards Association
VEV	Voice-Excited Vocoder
VF	Vacuum Fluorescence
VFA	Verband Forschender Arzneimittelhersteller
VFD	Vacuum Fluorescent Display
VfK	Vereinigung für Kristallographie
VFR	Visual Flight Rules
VG	Jungferninseln/Virgin Islands (ISO 3166)
VGA	Video Graphics Adapter
VGA	Video Graphics Array
VGF	Vertical Gradient Freeze (Kristallzucht/crystal growth)
VHB	Virtuelle Hochschule Bayern
VHDA	Very-High-Density Amorphous (Ice)
VHDL	VLSI Hardware Description Language
VHDM	Very High Density Medium
VHE	Very High Energy
VHE	Virtual Home Environment (Telekommunikation/telecommunication)
VHESC	Very High Efficiency Solar Cell
VHF	Very High Frequency (30 − 300 MHz)
VHLL	Very High Level Language (Computer)
VI	US Jungferninseln/US Virgin Islands (ISO 3166)
VIAS	Vienna Institute of Archeological Science (Wien, AT)
VICKSI	Van de Graaf-Isochron-Cyclotron-Kombination für Schwere Ionen
VICS	Vehicle Information and Communication System
VID	VLAN Identification
ViERforES	Virtuelle und erweiterte Realität für höchste Sicherheit und Zuverlässigkeit von Embedded Systems (BMFT-Projekt)
VIGIL	Visible InGaN Injection Laser
VIK	Vereinigtes Institut für Kernforschung (Dubna, RU)
VILAB	virtuelles Labor
VIMS	Visually Induced Motion Sickness
VIOLA	Vertically Integrated Optical Testbed for Large Applications (optische Telekommunikation/optical telecommunication)
VIP	Vakuum in Forschung und Praxis (Zeitschrift/Journal)
VIP	Vakuum-Isolations-Panel
VIP	Very Important Person
VIP	Virtual Internet Protocol (Telekommunikation/telecommunication)
VIPeR	Value-Added IP Routing (Telekommunikation/telecommunication)
VIPER	Valved, Integrated PCR Electrophoresis Restriction Digest (Nanotechnologie/nanotechnology)
VIRGO	Variability Irradiance and Gravity Oscillations (an Bord von/aboard SOHO)
VIRIM	virtuelle Realität in der Medizin
VIROR	Virtuelle Hochschule Oberrhein (seit Mitte 1998/since mid 1998)
VIS	Visible (Optics)
VIS	Visible Imaging System
VIS	Visual Instruction Set
VISA	Virtual Instrument Software Architecture (Telekommunikation/telecommunication)
ViSEK	Virtuelles Kompetenzzentrum für Software Engineering
VISS	VHS-Index-Such-System
VISTA	Visible and Infrared Survey Telescope for Astronomy (in UK manufactured camera for ESO, Chile)
VITA	VME bus International Trade Association
VitOL	vernetzte intelligente Objekte in der Logistik
VIU	Vital Interface Unit (Eisenbahntechnik/railway technology)
ViVERA	Virtuelles Kompetenznetzwerk zur Virtuellen und Erweiterten Realität
VIVRE	Interactive Virtual Reality Environment (EU)
VJ	Virtual Journal
VK	Verbundkatalog maschinenlesbarer Daten
VKTA	Verein für Kernverfahrenstechnik und Analytik Rossendorf e.V.
VKU	Verband kommunaler Unternehmen
VL	Virtual Laboratory
VLA	Very Large Array (Radioteleskop/radio telescope)

VLAN	Virtual Local Area Network (Internet)
VLBA	Very Long Baseline Array
VLBI	Very Long Baseline Interferometry
VLC	Variable Length Coding
VLF	Very Low Frequency (3 – 30 kHz)
VLH	Very Long-Haul (Telekommunikation/telecommunication)
VLHC	Very Large Hadron Collider (geplanter Nachfolger für LHC/planned successor of LHC)
VLIW	Very Long Instruction Word (Computer)
VLL	Virtual Leasing (or: Leased) Line (Telekommunikation/telecommunication)
VLLS	Virtual Leased Line Service (Telekommunikation/telecommunication)
VLPO	Ventolaterale präoptische Region (im Gehirn/in the brain)
VLR	Visitor Location Register (Telekommunikation/telecommunication)
VLS	Vapor-Liquid-Solid (Nanodraht-Herstellung/nano-wire manufacturing)
VLSI	Very Large-Scale Integration (Circuit)
VLT	Very Large Telescope (Chile, 8 m Durchmesser/diameter)
VLT	Visible Light Transmission
VLTI	Very Large Telescope Interferometer (ESO, Chile)
VLY	Valley (US Mail)
VMAN	Virtual MAN (Telekommunikation/telecommunication)
VMPA	Verband der Materialprüfungsanstalten
VMSC	Visiting Mobile Switching Center (Telekommunikation/telecommunication)
VN	Vietnam/Viet Nam (ISO 3166)
VNC	Virtual Network Computing
VOA	Variable Optical Attenuator (Photonik/photonics)
VoATM	Voice over ATM (Telekommunikation/telecommunication)
VOB	Verdingungsordnung für Bauleistungen
VOBC	Vehicle Onboard Controller (Eisenbahntechnik/railway technology)
VOC	Volatile Organic Carbon (or: Compound)
VoD	Video on Demand
VoDSL	Voice over Digital Subscriber Line (Telekommunikation/telecommunication)
VoFR	Voice over Frame Relay (Telekommunikation/telecommunication)
VoIP	Voice over Internet Protocol (Telekommunikation/telecommunication)
VoP	Voice over Packet (Telekommunikation/telecommunication)
VOR	VHF Omnidirectional Range (Telekommunikation/telecommunication)
VoWLAN	Voice over Wireless Local Area Network (Telekommunikation/telecommunication)
VOX	Voice-Operated Switch
Voxel	[volume pixel, quaderförmige Volumenelemente]
VP	Virtual Path (Internet)
VPC	Virtual Path Connection (Internet)
VPI	Virtual Path Identifier (Telekommunikation/telecommunication)
VPI&SU	Virginia Polytechnic Institute and State University (Blacksburg, VA, USA)
VPL	Virtual Programming Language
VPLNM	Visited Public Land Mobile Network (Telekommunikation/telecommunication)
VPLS	Virtual Private LAN Service (Telekommunikation/telecommunication)
VPM	[Nucleus ventralis posteromedialis]
VPN	Virtual Private Network, Virtuelles Privates Netz (Internet)
VPRN	Virtual Private Routed Network
VPS	Video Program(ming) System (or: Service)
VPS	Virtual LAN Policy Server (Telekommunikation/telecommunication)
VPT	Videotext-Programmier-System
VPU	Voice Processing Unit (Telekommunikation/telecommunication)
VPWS	Virtual Private Wire Services (Telekommunikation/telecommunication)
VQ	Vector Quantization
VR	Virtual Reality
VRAS	Virtual Reality Audio System
VRF	Vibrational Response Function (Chemie/chemistry)
VRF	Virtual Routing and Forwarding (Telekommunikation/telecommunication)
VRG	Virtual Reference Grinding
VRID	Virtual Router Identification (Telekommunikation/telecommunication)
VRML	Virtual Reality Markup (or: Modeling) Language
VRRP	Virtual Router Redundancy Protocol (Telekommunikation/telecommunication)
VS	Verschlusssache (Geheimhaltung/secrecy)
VSA	Vector Signal Analyzer
VSAT	Very Small Aperture Terminal (Fernerkundung, Datennetz/remote sensing, data network)
VSB	Vestigial Sideband (Modulation)
VSC	Vehicle Stability Control (Kfz/motor vehicle)
VSDL	Very High Speed Digital Subscriber Line (Telekommunikation/telecommunication)
VSEA	Virtual Statistical Energy Analysis
VSELP	Vector Sourcebook Excited Linear Predictive Coding (Sprachkompressionssystem)
VSI	Vertical System Integration (Chip-Fertigung/chip manufacturing)
V-SK	VIPeR System Kernel (Telekommunikation/telecommunication)
VSL	Varying-Speed-of-Light (Theory) (Kosmologie/cosmology)
VSM	Vector Space Model
VSM	Vibrating Sample Magnetometer
VSMS	Virtual School of Molecular Sciences (Nottingham, UK)
VSN	Video Sensor Node
VSOP	Versatile Scalable On Board Processing Unit (Einplatinenrechner/single board computer)
V.S.O.P	Very special old pale (Cognac)

VSPD	Variable Sensitivity Photodetector Cell
VSTOL	Vertical and Short Take-off and Landing
VT	Vermont (US-Staat/US state)
VT	Virtual Test
VT	Virtual Tributary (Kommunikation/communication)
VTAPI	Virtual Test Application Programming Interface (Telekommunikation/telecommunication)
VTIPI	Virtual Test Internet Protocol Interface (Telekommunikation/telecommunication)
VTC	Vehicular Technology Conference
VTEC	Variable Valve Timing and Lift Electronic Control (Kfz-Technik/vehicle technology)
VTLN	Vocal Tract Length Normalization (Sprachverarbeitung/speech processing)
VTOL	Vertical Take-off and Landing
VTR	Video Tape Recorder
VTS	Vessel Traffic Service (für Schiffsverkehr im Hafen/for ship traffic in the harbor)
VTT	Valtion teknillinen tutkimuskeskus (Technical Research Centre of Finland, Espoo, FI)
VU	Vanuatu (früher: Neue Hebriden/former New Hebrides) (ISO 3166)
VUB	[Free University of Brussels] (BE)
VUB	Virtuelle Universität Berlin
VUV	Vakuumultraviolett, Vacuum-Ultraviolet
v.u.Z.	vor unserer Zeitrechnung (= vor Christus/before Christ)
VVS	Verbund Verteidigungs- und Sicherheitsforschung (Fraunhofer-Institute)
VVS	Volume Velocity Source (Schwingerreger/vibration exciter)
VWCS	Voice Web Communications Server (Telekommunikation/telecommunication)
VWL	Volkswirtschaftslehre
VWM	Voice Web Manager (Telekommunikation/telecommunication)
VXML	Voice Extensible Markup Language (Telekommunikation/telecommunication)
V2G	Vehicle to Grid (Elektroauto/electric vehicle)

W

WA	Washington (US-Staat/US state)
WAAS	Wide Area Augmentation System (Telekommunikation/telecommunication)
WACN	West Anglia Cancer Network (UK)
WA/D	Wavelength Add/Drop (Telekommunikation/telecommunication)
WAD	Wide Area Differential (Satellitennavigation/satellite navigation)
WADM	Wavelength Add/Drop Multiplexer (optische Telekommunikation/optical telecommunication)
WAF	[Dateinamenerweiterung: Sounddatei/file name extension: sound file]
WAG	WLAN Access Gateway (Telekommunikation/telecommunication)
WAIS	West Antarctic Ice Sheet
WAIS	Wide-Area Information Server (or: Service) (Rechnernetz/computer network)
WAITRO	World Association of Industrial and Technological Research Organizations
WAK	Wiederaufbereitungsanlage Karlsruhe
WAN	Wide Area Network (Rechnernetz/computer network)
WAP	Wireless Application Protocol (scherzhaft auch/ironically also: Wait and Pay) (Telekommunikation/telecommunication)
WAPECS	Wireless Access Policy for Electronic Communications Services (Telekommunikation/telecommunication)
WARC	World Administrative Radio Conference
WARN	Wide Area Reference Network (Telekommunikation/telecommunication)
WARP	Wave Adaptive Reduction Principle (aktive Schwingungsminderung/active noise canceling)
WASP	Wide Area Search for Planets
WBCO	Waveguide Below Cutoff
WBEM	Web Based Element Management (Telekommunikation/telecommunication)
WBGU	Wissenschaftlicher Beirat der Bundesregierung Globale Umweltveränderungen
WBL	Wissenschaftsgemeinschaft Blaue Liste
WBS	Wave-Based Substructuring
WBS	Wireless Base Station (Telekommunikation/telecommunication)
WBS	Work Breakdown Structure
WBT	WEB-basierte Trainingssysteme
WBV	Whole Body Vibration (Kfz-Schwingung/vehicle vibration)
WCDMA	Wideband Code Division Multiple Access (Telekommunikation/telecommunication)
WCET	Worst-Case Execution Time (Computer)
WCNC	[IEEE] Wireless Communications and Networking Conference
WCRE	World Council for Renewable Energy
WCT	WIPO Copyright Treaty
WCU	Wayside Control Unit (Eisenbahntechnik/railway technology)
WCU	World Congress on Ultrasonics
WD	Wigner Distribution
WDM	Wave(length) Division Multiplex(ing) (optische Telekommunikation/optical telecommunication)
WDMA	Wavelength Division Multiple Access (optische Telekommunikation/optical telecommunication)
WDR	Westdeutscher Rundfunk
WDR	Wired Equivalence Protocol (Telekommunikation/telecommunication)
WDSL	Wireless Digital Subscriber Line (Telekommunikation/telecommunication)
WECA	Wireless Ethernet Company Alliance (Telekommunikation/telecommunication)
WECC	WEB Enabled Call Center (Telekommunikation/telecommunication)
WECC	Western European Calibration Cooperation
WECPNL	Weighted Equivalent Continuous Perceived Noise Level
WEEE	Waste (from) Electrical and Electronic Equipment
WEH	Wave Emission from Heterogeneities (Kardiologie/cardiology)
WEH	Wilhelm und Else Heraeus (Stiftung/foundation)
WELAC	Western European Laboratory Accreditation Cooperation
WELMEC	Western European Legal Metrology Cooperation

WEOS	Whale Ecology Observation Satellite (Japan)
WEP	Wired Equivalence Protocol (Telekommunikation/telecommunication)
WEP	Wired Equivalent Privacy (Telekommunikation/telecommunication)
WEP	Wireless Encryption Protocol (Telekommunikation/telecommunication)
WEPP	Water Erosion Prediction Project (Umweltschutz/environment protection, USA)
WER	Word Error Rate (Sprachverarbeitung/speech processing)
WESCON	Western Electronic Show and Convention (USA)
WESTP(R)AC	Western Pacific Regional Acoustics Conference
WF	Wallis und Futuna-Inseln/Wallis and Futuna Islands (ISO 3166)
WFBA	Weighted Fair Buffer Allocation (Telekommunikation/telecommunication)
WFE	Wavefront Error (Teleskop-Technologie/telescope technology)
WFMOS	Wide-Field Multi-Object Spectrograph
WFQ	Weighted Fair Queuing (Telekommunikation/telecommunication)
WFS	Wavefront Sensor
WFS&C	Wavefront Sensing and Control
WFUMB	World Federation for Ultrasound in Medicine and Biology
WG	Working Group
WGL	Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz
WGW	Wireless Gateway (Telekommunikation/telecommunication)
WHF	World Heart Federation
WHG	Wasserhaushaltsgesetz
WHH	Werthamer-Helfand-Hohenberg (Supraleitungstheorie/superconduction theory)
WHIM	Warm-Hot Intergalactic Medium
WHO	World Health Organization
WHOI	Woods Hole Oceanographic Institution
WI	Wisconsin (US-Staat/US state)
WIAGEM	World Integrated Assessment General Equilibrium Model (Klimamodell/climate model)
WiD	Wissenschaft im Dialog
WIDE	Wide-Angle Imaging Lidar
WiFi	Wireless Fidelity (Telekommunikation/telecommunication)
WiFS	Wide Field Sensor (NASA Satellit/satellite, seit/since 1997)
WIMAC@home	Wireless Media and Control at Home
WiMAX	Worldwide Interoperability for Mobile (or: Microwave) Access (Telekommunikation/telecommunication)
WIMP	Weakly Interacting Massive Particles
WiN	Wissenschaftsnetz (Datennetz/scientific data network)
WIND	Wheather-Information on Demand (Unwetter-Frühwarnsystem/storm early warning system)
WINNER	Wireless World Initiative New Radio
WIP	Wireless Internet Protocol (Telekommunikation/telecommunication)
WIP	Wissenschaftler-Integrationsprogramm (ehem./former DDR)
WIPO	World Intellectual Property Organization
WIPP	Waste Isolation Pilot Plant (radioaktive Abfälle/radioactive waste, Carlsbad, NM, USA)
WIRDEM	Women in Research Decision Making
WIRO	Wyoming Infrared Observatory (USA)
WIS	WAN Interface Sublayer (Telekommunikation/telecommunication)
WISA	Wirtschaftsorientierte Strategische Allianz (FhG)
WISDOM	Widespread Security Domains Using Opical Monitoring (EU Project, optische Telekommunikation/optical telecommunication)
WiSe	Wintersemester (in Göttingen seit/since 2007)
WISP	Wireless Internet Service Provider (Telekommunikation/telecommunication)
WIST	Women in Science and Technology
WISTA	Wissenschafts- und Technologiepark Berlin-Adlershof (oder: Wirtschafts- und Wissenschaftszentrum Berlin-Adlershof)
WIXC	Wavelength Interchanging Cross-Connect (optische Telekommunikation/optical telecommunication)
WIYN	Wisconsin-Indiana-Yale-NOAO
WKI	Wilhelm-Klauditz-Institut (Fraunhofer-Institut für Holzforschung/Institute for wood research, Braunschweig, DE)
WKN	Wertpapierkennnummer
WL	Wechselsprech- und Lautsprecherkommunikation
WLA	Wavelength Adapter (optische Telekommunikation/optical telecommunication)
WLAN	Wireless Local Area Network (Telekommunikation/telecommunication)
WLC	Worm-Like Chain (Polymerphysik/polymer physics)
WLL	Wireless Local Loop (Internet)
WLS	Web Lecturing and Training System
WLT	Wissenschaftlicher Arbeitskreis Lasertechnik
WMA	[Dateinamenerweiterung: Videodatei/file name extension: video file]
WMA	Windows Media Audio
WMAP	Wilkinson Microwave Anisotropy Probe (NASA-Sonde, Kosmologie/cosmology)
WMF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
WMF	Windows-Metafile
WML	Wireless Markup Language (Telekommunikation/telecommunication)
WMO	World Meteorological Organization
WMRS	Working Memory Rating Scale
WNS	World Numbering System (UPU, für Briefmarken/for stamps)
WNT	Wireless Network Termination (Telekommunikation/telecommunication)
WOCE	World Ocean Circulation Experiment
WOKS	[Allunionsgesellschaft für kulturelle Verbindungen mit dem Ausland] (RU)
WORM	Write Once – Read Many (Opto-Disk)
WPA	Wireless Fidelity Protected Access (Telekommunikation/telecommunication)
WPAN	Wireless Personal Area Network

WPC	Wood Polymer (or: Plastic) Composites
WPD	Work Package Definition
WPG	[Dateinamenerweiterung: WordPerfect-Graphikdatei/file name extension: WordPerfect graphic file]
WPI	World Premier International Research Center Initiative (Japan 2007)
WPMC	[International Symposium on] Wireless Personal Multimedia Communications
WPPT	WIPO Performances and Phonograms Treaty
WR	Wissenschaftsrat
WRC	World Radiocommunication(s) Conference
WRED	Weighted Random Early Detection (or: Discard) (Telekommunikation/telecommunication)
WRF	Weather Research and Forecasting (Computermodell/computer model)
WRI	[Dateinamenerweiterung: Windows Writer-Textdatei/file name extension: Windows Writer text file]
WRR	Weighted Round Robin (Telekommunikation/telecommunication)
WRS	Wirtschaftsförderung Region Stuttgart
WS	Samoa (früher Westsamoa/former Western Samoa) (ISO 3166)
WS	Werkzeugstahl
WS	Wintersemester (in Göttingen ab 2007: WiSe)
WS	Wireless Substation (Telekommunikation/telecommunication)
WSA	[ITG/IEEE] Workshop on Smart Antennas
WSDL	Web Services Description Language (Telekommunikation/telecommunication)
WSEG	Weapons Systems Evaluation Group (USA)
WSES	World Scientific and Engineering Society
WSF	Workstation Function
WSIS	World Summit on the Information Society
WSMR	White Sands Missile Range (rocket launching site, NM, USA)
WSO	World Space Observatory (Nachfolger des Hubble Space Telescope für UV/successor of the Hubble Space Telescope for UV)
WSP	Wireless Session Protocol (Telekommunikation/telecommunication)
WSRT	Westerbork Synthesis Radio Telescope (NL)
WSS	Wavelength Selectve Switch (optische Telekommunikation/optical telecommunication)
WSS	Wide Screen Signalling
WSS	Worldwide Support Systems (HP)
WSU	Washington State University
WSXC	Wavelength Selective Cross-Connect (optische Telekommunikation/optical telecommunication)
WT	Waterjet Technology (Schneidtechnik/cutting technology)
WT	Wavelet Transform
WT	Wireless Terminal (Datenübertragung/data transfer)
WTA	Wireless Telephony Application (Telekommunikation/telecommunication)
WTAI	Wireless Telephony Application Interface (Telekommunikation/telecommunication)
WTB	Wired Trigger Bus (für vernetzte Messinstrumente/for crosslinked measuring instruments)
WTB	Wissenschaftlich-Technischer Beirat (Bayerische Staatsregierung)
WTD	Wehrtechnische Dienststelle (Bundeswehr/German army)
WTDMA	Wideband Time Division Multiple Access (Telekommunikation/telecommunication)
WTO	World Trade Organization
WT-OXC	Wavelength-Translating Optical Cross Connect (optische Kommunikation/optical communication)
WTR	Wind-Temperatur-Radar
WTZ	Wissenschaftlich-Technische Zusammenarbeit (BMBF)
WUSB	Wireless Unversal Serial Bus
WUSTL	Washington University in St. Louis
WV	West Virginia (US-Staat/US state)
WV	Wiedervorlage
WVS	Web-Sphere Voice Server
WVU	West Virginia University (USA)
WWF	(alt/old:) World Wildlife Fund, (neu/new:) World-Wide Fund for Nature
WWG	World Wide Grid (Rechnernetz/computer network)
WWI	Wireless World Initiative (Telekommunikation/telecommunication)
WWRF	Wireless World Research Forum
WWMCCS	World-Wide Military Control and Communication System
WWW	World Wide Web (Rechnernetz/computer network)
WY	Wyoming (US-Staat/US state)
WYP	World Year of Physics (2005)
WYSIWYG	What You See Is What You Get
WZB	Wissenschaftszentrum Berlin für Sozialforschung GmbH
WZH	Wissenschaftliches Zentrum Heidelberg (der/of the IBM)
W3C	World-Wide Web Consortium

X

XAFS	X-Ray Absorption Fine Structure
XANES	X-Ray Absorption Near Edge Structure
XAS	X-Ray Absorption Spectroscopy
xBIOS	Extended BIOS
XBS	Exchange Base(band) Station (Telekommunikation/telecommunication)
XCA	Extended Conditional Access
XCML	Extensible Commerce Markup Language (Telekommunikation/telecommunication)
xCP	Extensible Content Protection (Telekommunikation/telecommunication)
xDSL	Digital Subscriber Line (Telekommunikation/telecommunication)
XEUS	X-Ray Evolving Universe Spectroscopy
XFEL	X-Ray Free-Electron Laser (DESY, im Bau/under construction)
XIPS	Xenon Ion Propulsion Subsystem (Satellit/satellite)

XLS	[Dateinamenerweiterung: Microsoft Excel-Datei/file name extension: Microsoft Excel file]
XLT	[Dateinamenerweiterung: Microsoft Excel-Vorlage/file name extension: Microsoft Excel template]
XLV	X-Ray Light Valve
XM	Cross Modulation (Distortion)
XML	Extensible Markup Language
XMM	X-Ray Multi-Mirror Mission (Dez./Dec. 1999)
XMP	X-Ray Microprobe
XMPP	Extensible Messaging and Presence Protocol (Telekommunikation/telecommunication)
XOR	Exclusive Or
XPCS	X-Ray Photon Correlation Spectroscopy
XPD	Cross Polarization Discrimination
X-PEEM	X-Ray PEEM
XPM	Cross-Phase Modulation
XPS	X-Ray Photoelectron Spectroscopy
XQUL	XML Query & Update Language (Telekommunikation/telecommunication)
XRB	X-Ray Background (Astrophysik/astrophysics)
XRD	X-Ray Diffraction [Sensors]
XRF	X-Ray Fluorescence
XROI	X-Ray and Optical Interferometer
XRT	X-Ray Telescope
X-SAR	X-Band SAR
XSE	Executive for Services Environment (Telekommunikation/telecommunication)
XSEM	X-Ray Secondary-Emission Microscopy
XSL	Extensible Stylesheet Language
XSLT	Extensible Stylesheet Language Transformations
XTS	X-Ray Telescope (an Bord von/aboard SWIFT Orbiter)
XUV	Extreme Ultraviolet

Y

YAC	Yeast Artificial Chromosome
YAG	Yttrium-Aluminum Garnet (Laser)
YBCO	Yttrium-Barium-Kupfer-Oxid $YBa_2Cu_3O_{7-x}$ (HTSL)
YCbCr	Luminance, Chrominance Blue, and Chrominance Red (Bildverarbeitung/picture processing)
YE	Jemen/Yemen (ISO 3166)
YEBN	Young European Biotech Network
YES	Year of Engineering Success
YIG	Yttrium-Iron Garnet, Yttrium-Eisen-Granat
YIP	Young Investigator Program (ONR, USA)
YOTO	International Year of the Ocean (1998)
YSN	Young Scientists Network (USA)
YT	Mayotte (ISO 3166)
Y2K	Year 2000 [problem]

Z

ZA	Südafrika/South Africa (ISO 3166)
ZAE Bayern	Bayerisches Zentrum für Angewandte Energieforschung (Würzburg, DE)
ZALF	Zentrum für Agrarlandschaftsforschung und -gestaltung (oder: Zentrum für Agrarlandschafts- und Nutzungsforschung) (Müncheberg, DE)
ZAMN	Zentralarchiv für Mathematiker-Nachlässe (SUB, Göttingen, DE)
ZaPF	Zusammenkunft aller Physik-Fachschaften
ZARM	Zentrum für Angewandte Raumfahrttechnologie und Mikrogravitation („Fallturm", Univ. Bremen, DE)
ZAV	Zentralstelle für Arbeitsvermittlung (Frankfurt/M, DE)
ZAVIR	Zurechenbarkeit von Aktionen in virtuellen Welten
ZBL	Zentralbibliothek der Landesbauwissenschaften (Bonn, DE)
ZDB	Zeitschriftendatenbank
ZDC	Zero Degree Calorimeter (CERN)
ZDF	Zweites Deutsches Fernsehen
ZDH	Zentralverband des Deutschen Handwerks
ZDL	Zivildienstleistender
ZDW	Zero-Dispersion Wavelength (Laser)
ZEAM	Zentraleinrichtung für Audiovisuelle Medien (FU Berlin, DE)
ZEBET	Zentralstelle zur Erfassung von Ersatz- und Ergänzungsmethoden beim Tierversuch
ZEF	Zentrum für Entwicklungsforschung (Bonn, DE, seit/since 1997)
ZEFFPP	Zero Emission Fossil Fuel Power Plant
ZEI	Zentrum für Europäische Integrationsforschung (Bonn, DE, seit/since 1997)
ZEKE	Zero Kinetic Energy (Spektroskopie/spectroscopy)
ZEM	Zentrale Einrichtung Medien (Göttingen)
ZENIT	Zentrum für Innovation und Technik (Mühlheim, NRW, DE)
ZENS	Zentrum für Europa- und Nordamerika-Studien (Göttingen, DE)
ZET	Zentrum für Energie und Technik (Rendsburg, DE)
ZEV	Zero Emission Vehicle
ZEvA	Zentrale Akkreditierungs- und Evaluationsagentur Hannover
ZEW	Zentrum für Europäische Wirtschaftsforschung (Mannheim, DE)
ZFB	Zentrum für Bucherhaltung (Leipzig, DE)
ZFC	[Ernst] Zermelo, [Abraham] Fraenkel [Axiom of] Choice (Axiomensystem für die natürlichen Zahlen)
ZFK	Zentralinstitut für Kernforschung (Rossendorf, DE, bis 1991)
ZFMK	Zoologisches Forschungsinstitut und Museum Alexander König (Bonn, DE)

ZFO	Forschungs[- und Entwicklungs]personal-Zuwachsförderung Ost (BMFT)
ZfP	Zerstörungsfreie Prüfung
ZFW	Zentralinstitut für Festkörperphysik und Werkstoffforschung (Akademie der Wissenschaften, ehem./former DDR)
ZfW	Zentrum für Funktionswerkstoffe (Göttingen, DE)
ZGDV	Zentrum für Graphische Datenverarbeitung (Darmstadt, DE)
ZGI	Zentrales Geologisches Institut (ehem./former DDR)
ZHG	Zentrales Hörsaalgebäude
ZIB	Zuse Institut Berlin
ZIE	Zentralinstitut für Elektronenphysik (ehem./former DDR)
ZiM	Zentrum für interdisziplinäre Medienwissenschaft (Göttingen, DE)
ZIP	[Dateinamenerweiterung: Archivdatei, komprimiert/file name extension: compressed archive file]
ZIP	Zone Improvement Plan (Postleitzahlen/postal code, USA)
ZIPE	Zentralinstitut für die Physik der Erde (ehem./former DDR)
ZISW	Zentralinstitut für Sprachwissenschaft (Berlin, DE)
ZK	Zentralkomitee (der kommunistischen Partei, UdSSR)
ZKA	Zentraler Kreditausschuss
ZKI	Zentren für Kommunikation und Informationsverarbeitung in Lehre und Forschung e.V.
ZKLM	Zentrum für Kfz-Leistungselektronik und Mechatronik (Nürnberg, DE)
zKLS	zentrale Kommission für Lehre und Studium
ZKRD	Zentrales Knochenmarkspender-Register Deutschland
ZM	Sambia/Zambia (ISO 3166)
ZMB	Zentralbibliothek der Medizin (Köln, DE)
ZMNH	Zentrum für Molekulare Neurobiologie (Hamburg, DE)
ZNS	Zentralnervensystem
ZOS	Zentralinstitut für Optik und Spektroskopie (ehem./former DDR)
ZPID	Zentralstelle für Psychologische Information und Dokumentation (Trier, DE)
ZR	Zaire (ISO 3166 bis/until 1997)
ZSb	Zentrale Studien- und Studentenberatung
ZSK	Zentrum für Sicherheits- und Katastrophenschutztechnik (in Hemer, DE)
ZULIP	Zeiss Universal Laser Image Projector (Planetarium/planetarium)
ZUMA	Zentrum für Umfragen, Methoden und Analysen (Mannheim, DE)
ZVEI	Zentralverband der Elektrotechnik- und Elektronikindustrie
ZW	Simbabwe/Zimbabwe (früher: Südrhodesien/former Southern Rhodesia) (ISO 3166)
ZWARP	Zweiaxiale Radprüfung
ZWG	Zentralinstitut für Wissenschaftlichen Gerätebau (Adlershof, ehem./former DDR)

Ziffern/Numerals

2D	Two-Dimensional
2DEG	Two-Dimensional Electron Gas
2dFRGS	2-Degree Field Galaxy Redshift Survey (Astrophysik/astrophysics)
2G	Second Generation (Telekommunikation, GSM)
2.5G	2.5 Generation Mobile
2R	Receive, Reshape (optische Telekommunikation/optical telecommunication)
3D	Three-Dimensional
3DCRT	3-Dimensional Conformal Radiotherapy
3DNRFL	Three-Dimensional Negative Refraction Flat Lense
3G	Third Generation (Telekommunikation/telecommunication)
3G.IP	3G Mobile Internet (Telekommunikation/telecommunication)
3GL	Third Generation Language
3GPP	Third Generation Partnership Project (Telekommunikation/telecommunication)
3GRC	3G Reality Centre
3G3P	Third Generation Patents Platform Partnership (Telekommunikation/telecommunication)
3PP	Three-Photon Polymerization (Chemie/chemistry)
3R	Retime, Reshape and Regenerate (or: Reshaping, Retiming, Reamplification) (optische Datenübertragung/optical data transmission)
4G	Fourth Generation (Telekommunikation/telecommunication)
8DPSK	8-Phase Differential Phase Shift Keying (Telekommunikation/telecommunication)
8PSK	8 Phase Shift Keying (Telekommunikation/telecommunication)