



ASI Science Data Center

Fermi Large Area Telescope at ASDC: list of the used acronyms.

Note: some acronyms in Italian are also included in the list.

0FGL	Fermi LAT Bright Gamma-Ray Source List
1D	One-dimensional
1FGL	First Fermi LAT Gamma-ray Source Catalog
1FHL	First Fermi LAT Hard Sources List
1LAC	First Fermi LAT AGN Catalog
2D	Two-dimensional
2FGL	Second Fermi LAT Source Catalog
2LAC	Second Fermi LAT AGN Catalog
3C	Third Cambridge Radio Catalogue
3D	Three-dimensional
3EG	Third EGRET Catalog
4C	Fourth Cambridge Radio Catalogue
A&A	Astronomy & Astrophysics (scientific journal)
AAD	Acquisizione e Archiviazione Dati
AAE	Astrofisica delle Alte Energie
AAS	American Astronomical Society
AC	Alternating Current
AC	Analysis Coordinator
ACD	The LAT Anticoincidence Detector Subsystem
ACF	Autocorrelation Function
ACQ	Acquisition
ACT	Atmospheric Cherenkov Telescope
ADAF	Advection Dominated Accretion Flow
ADC	Accretion Disk Corona

ADD	Accesso e Distribuzione Dati
ADS	Astrophysics Data System
AFS	Andrew File System
AGILE	Astro-rivelatore Gamma a Immagini Leggero (Light Astro Gamma Image detector)
AGL	AGILE Catalog
AGN	Active Galactic Nuclei
Ahr	Amp-hour
AIS	Advanced Information Systems (General Dynamics)
aka	Also known as
Alg	Algorithm
AMS	Alpha Magnetic Spectrometer
AO	Announce of Opportunity
AOR	Astronomical Observation Request
APh	Astroparticle Physics (scientific Journal)
APID	Application Process ID
ApJ	The Astrophysical Journal (scientific journal)
APM	Automatic Plate Measuring machine
APOD	Astronomy Picture of the Day
ARC	Archive/archiving
ARF	Ancillary Response File
ARR	Autonomous Repointing Request
ASCII	American Standard Code for Information Interchange
ASD	Astrophysics Science Division (of GSFC)
ASDC	ASI Science Data Center
ASE	Astrofisica Sorgenti Extragalattiche
ASI	Agenzia Spaziale Italiana
ASM	All Sky Monitor (RXTE)
ASO	August September October 2008 LAT source list
ASP	Automatic Science Processing
AT	Acceptance Test
ATel	The Astronomer's Telegram
ATG	Allegato Tecnico Gestionale
ATS	Absolute Time Sequence
ATT/ANC	Attitude/Ancillary
AU	Astronomical Unit

AW	Alfvén Waves
AXP	Anomalous X-ray Pulsar
BA	Burst Advocate
BAL	Broad Absorption Line quasar
BAT	Burst Alert Telescope (Swift instrument)
BATSE	Burst and Transient Source Experiment on CGRO
BB	Blackbody
BBB	Big Blue Bump
BBN	Big Bang Nucleosynthesis
BBR	Blackbody Radiation
BGO	Bismuth Germanate
BHXR	Black Hole X-ray Binary
BIOS	Basic Input Output System
Bkg	Background
BL Lac	BL Lacertae
BLR	Broad Line Region
BLRG	Broad Line Radio Galaxy
BM	Backup Manager
BPL	Broken Power Law
Bps	Bits per second
BR	Background Rejection
Brem	Bremsstrahlung
BSL	Bright Source List
BSM	Beyond Standard Model
BT	Beam Test
BT	Brightness Temperature
BW	Blast Wave
BZ-	Roma multi-frequency catalogue of known blazars
BZP	Blandford-Znajek Process
C&A	Calibration and Analysis
CAL	The LAT Calorimeter Subsystem
CALDB	Calibration Database
CalTech	California Institute of Technology
CCB	Configuration Control Board
CCD	Charge-coupled Device

CCF	Cross-correlation Function
CD	Core-Dominated
CDAF	Convection-dominated Accretion Flow
CDM	Cold Dark Matter
CDR	Critical Design Review
CDS	Centre de Donn� astronomiques de Strasbourg
CEA	Commissariat a l'Energies Atomique
CENBG	Centre d'etudes Nucleaires de Bordeaux Gradignan
CERN	Centre European pour la Recherche Nucleaire
CF	Cosmic Fireball
CF	Cooling Flow
CFG	Configuration
CGA	Capitolato Generale ASI
CGRO	Compton Gamma-ray Observatory
CHIME	Cosmic ray effects on Micro-electronics
CHS	Commanding, Health and Safety
CIB	Cosmic Infrared Background
CM	Configuration Management
CMB / CMBR	Cosmic Microwave Background Radiation
CMD/Cmd	Command
CMT	Configuration Management Tool
CNB	Cosmic Neutrino Background
CNO	Carbon-Nitrogen-Oxygen
CNRS	Centre National de la Recherche Scientifique
CO	Carbon Oxygen
COBE	Cosmic Background Explorer
Col	Co-Investigator
Com	Comptonization
COMPTEL	Compton Telescope on CGRO
CON	Confluence (wiki Jira system at SLAC)
Config	Configuration
COS-B	ESA second Celestial Observational Satellite
CPU	Central Processing Unit
CR	Cosmic Ray

CS	Cross-Section
CSA	Cyber Security Awareness
CsI (TI)	Cesium Iodide crystal doped with Thallium
CSS	Cascading Style Sheets
CSS	Compact Steep Spectrum sources
CSW	Core Software
CT	Capitolato Tecnico
CTA	Cherenkov Telescope Array
CTB	Classification Tree Bill variables
CTS	Coordinatore Team Scientifico
CU	Calibration Unit
CVS	open source Concurrent Versions System
CWT	Continuous Wavelet Transform
CY	Calendar Year
CZT	Cadmium Zinc Telluride
DA	Documento Applicabile
DAF	Data Archive Facility
DAPNIA	Département d'Astrophysique, de physique des Particules, de physique Nucléaire et de l'Instrumentation Associée
DAQ, EDAQ	LAT Electronics, Data Acquisition and Flight system
DAR	Disk Archive
DAS	Demand Access System
DAT	Data Acquisition Toolkit
DB	Data Base
DB	Doppler Boosting
DC	Data Catalog
DC	Data Challenge
DC	Direct Current
DCN	Document Change Notice
DD	Data Downlink
DD	Disk Drive
DE	Dark Energy
DEBR	Diffuse Extragalactic Background Radiation
Dec	Declination
DEL	Deliverable

DES	Data Encryption Standard
Dev	Development
DF	Relativistic Doppler Factor
DFI	Data Flow public Interface
DGN	Diagnostic
DH	Data Handling
Digi	Digitized Event Data
DISTR	Distribution
DL	Debye Length
DM	Data Mining
DM	Data Monitoring
DM	Dark Matter
DMNP	Dark Matter and New Physics
DOE	Department of Energy
DP	Data Processing
DP	Doppler Boosting
DPU	Data Processing Unit
DQ	Data Quality
DQM	Data Quality Monitor
DR	Documento di Riferimento
DRMNGB	Double precision Reverse communication routine that Minimize General simply Bounded objective function
DRP	Data Release Plan
DC	Data Stream
DS	Duty Scientist
DSA	Diffusive Shock Acceleration
DSMC	Data Services Management Center
DTR	Data Transmission Request
DWT	Discrete Wavelet Transform
DXRBS	Deep X-Ray Blazar Survey
EA	Effective Area
EBL	Extragalactic Background Light
EC	Event Class
EC	European Commission
EC	External Compton

ECC	External Compton from Clouds
ECD	External Compton from Disk
ECE	Error Circle Explorer
ED	ELSAG DATAMAT
ED	Event Data
EE	Error Ellipse
EED	Electron Energy Distribution
EGRB	Extragalactic Gamma-Ray Background
EGRET	Energetic Gamma Ray Experiment Telescope on CGRO
EGSE	Electrical/Electronics Ground Support Equipment
EIC	External Induced Compton
EL	Eddington Limit
ELV	Expendable Launch Vehicle
EM	Electromagnetic
EMS	Eleven Month Source
EMSS	Einstein satellite Medium Sensitivity Survey
Eng	Engineer/Engineering
ENLR	Extended Narrow Line Region
EOS	Equation of State
EOS	ASI Esplorazione e Osservazione dello Spazio
EPO, E/PO	Education and Public Outreach
EPU	Event Processing Unit
ERC	External-jet Radiation Compton
ESA	European Space Agency
ESA-RSSD	ESA Research and Scientific Support Department
ESO	European Southern Observatory
ESRIN	ESA European Space Research Institute
ETE	End to End
EU	Engineering Unit
EU	European Union
EVO	Enabling Virtual Organizations teleconference system
EVT	Event
Exp	Experiment
Exp	Exposure
F2F	Face to face

FA	Flare Advocate
FAME	Flare Advocate Meeting on EVO
FA/GSW	Flare Advocate - Gamma-ray Sky Watcher
FAQ	Frequently Asked Questions
FAS	Full Approximation Storage algorithm
Fax	Facsimile
FDC	Fermi Data Centre (presso ASDC)
FDS	Finite-Difference Scheme
FEM	Finite Element Method
FER	Fermi Gamma-ray Space Telescope
FF	flip-flop, bistable, model
FFT	Fast Fourier Transform
FGL	Fermi Gamma-ray Space Telescope (Large Area Telescope)
FGST	Fermi Gamma-ray Space Telescope (deprecated)
FIR	Final Report
FIRST	Faint Images of the Radio Sky at Twenty centimetres survey
FITS	Flexible Image Transport System
FLAMCOG	Fermi LAT Multiwavelength Coordinating Group
FLOPS	Floating point Operations per Second
FO	Flight Operations
FOS	Flight Operations Software
FOT	Flight Operations Team
FOV	Field of View
FP	Framework Programme
FPE	Fokker-Planck Equation
FR	Final Review
FR	Fanaroff-Riley
FRED	Fast Rise Exponential Decay
FRED	Fox and Ruby Event Display
FS	FITS Skimmer
FSRQ	Flat Spectrum Radio Quasar
FSSC	Fermi Science Support Center (at GSFC)
FSW	Flight Software
FT1/FT2	LAT event/spacecraft FITS files
FTE	Full Time Equivalent

FTOOLS	FITS Tools software
FTP	File Transfer Protocol
Fun	Function
FSW	Flight Software
fv	FITS viewer
FWHM	Full Width at Half Maximum
FY	Fiscal Year
FYI	For your interest
GARC	GLAST ACD Readout Controller
GBM	GLAST/Fermi Burst Monitor
Gbps	Gigabits per second
GC	Galactic Centre
gcc	GNU Compiler Collection
GCN	Gamma-ray Burst Coordinate Network
GCR	Galactic Cosmic Ray
GCRC	GLAST Calorimeter Read-out Controller - Digital
GD	General Dynamics
GEANT4	Detector description and simulation tool
GEM	Global-Trigger Electronics Module
GEN	Generico
GeV	Giga (10^9 , billion) electronvolts
GF	Green functions
GGs	Galactic Gamma-ray Source
GH	Galactic Halo
GIF	Graphics Interchange Format
GIOC	GBM Instrument Operations Center
GITD	GLAST Instrument Technology Development
GLAST	Gamma-ray Large Area Space Telescope
GLEAM	GLAST LAT Event Analysis Machine
GSM	Ground Mission Segment
GN	Ground Network
GNU	GNU's Not Unix
GO	Guest Observer
GOF	Guest Observer Facility
GPS	Global Positioning System

GPS	GHz-Peaked Spectrum sources
GPU	Graphic Processing Unit
GR	GLAST Release
GR	General Relativity
GRAPWG	NASA Gamma-ray Astronomy Programs Working Group
GRB	Gamma-Ray Burst
GRID	Computing grid
GRO	Gamma Ray Observatory
GS	Ground Station
GS	Ground System
GSE	Ground Support Equipment
GSFC	NASA Goddard Space Flight Center
GT	GLAST software Tool
GTI	Good Time Interval
GUI	Graphic User Interface
GW	Gravitational Wave
H&S	Health & Safety
HBL	High Energy peaked BL Lac Objects
HD	Hard Disk
HDF	Hierarchical Data Format
HDU	Header and Data Unit
HE	High Energy
HEALPix	Hierarchical Equal Area isoLatitude Pixelization of a sphere
HEASARC	High Energy Astrophysics Science Archive
HEASOFT	High Energy Astrophysics Software
HEP	High Energy Physics
HEPAP	DOE High Energy Physics Advisory Panel
HEPL	W.W. Hansen Experimental Physics Laboratory at Stanford University
HESS	High Energy Stereoscopic System
HEW	Half Energy Width
HFQPO	High Frequency Quasi-Periodic Oscillation
HGL	High Galactic Latitude
HIP	Heavy Ion Particle
HK/HSK	House Keeping
HPD	Half-Power Diameter

HPQ	High Polarized Quasar
HQ	Headquarters
HS	Hot Spot
HSP	High Synchrotron Peaked
HST	Hubble Space Telescope
HW, h/w	Hardware
I&T	Integration and Test
I/O	Input/Output
IACT	Imaging Atmospheric Cherenkov Telescope
IAU	International Astronomical Union
IAUC	International Astronomical Union Circular
IBL	Intermediate Energy peaked BL Lac Objects
IC	Index Catalog
IC	Inverse Compton
ICD	Interface Control Document
ICF	Intrinsic Correlation Function
ICT	Information Communication Technology
ICU	Instrument Control Unit
ID	Identification
IDL	Interactive Data Language
IDP	Instrument Data Processing
IDS	Interdisciplinary Scientist
IDV	Intraday Variability
IEEE	Institute of Electrical and Electronics Engineers
IG	Inner Galaxy
IGR	INTEGRAL Gamma-Ray source
ILS	Integrated Logistic Support
ILSC	Interactive LAT Source Catalog
IMBH	Intermediate Mass Black Hole
IN2P3	Institut National de Physique Nucleaire et de
INAF	Istituto Nazionale di Astrofisica
INFN	Istituto Nazionale di Fisica Nucleare
INT	Interface
INTEGRAL	INTErnational Gamma-Ray Astrophysics Laboratory
IOV	In Orbit Validation

IP	Image Processing
IPAC	Infrared Processing and Analysis Center
IPO	Input Process Output
IPR	Intellectual Property Right
IR	Infrared
IRFS	LAT Instrument Response Functions
IS	Instrument Scientist
ISAS	Institute for Space and Astronautical Science, Japan
ISBN	International Standard Book Number
ISM	Interstellar Medium
ISOC	LAT Instrument Science Operation Center (formerly LIOC or LISOC)
ISP	Intermediate Synchrotron Peaked
ISS	International Space Station
IT	Information Technology
ITOS	Integrated Test and Operations System
JD	Julian Date
JIRA	(from Gojira) Bug/issue wiki tracking management software
JPEG	Joint Photographic Experts Group
JS	JavaScript
JAS	Java Application Server
JVM	Java Virtual Machine
KBA	Ku-Band Antenna
KBH	Kerr Black Hole
Kbps	Kilobits per second
KE	Kompaneets Equation
KED	Kinetic Energy Dominated
KeV	Kilo (10^3 , thousand) electronvolts
KF	Kalman Filter
KH	Kelvin-Helmholtz
KN	Klein-Nishina
KO	Kick Off
KP	Key Project
KS	Kolmogorov-Smirnov
KSC	NASA Kennedy Space Center
KTH	Royal Institute of Technology, Sweden

L&EO	Lunch and Early Operations
L0/L1/L2	Level zero (raw after telemetry), Level one (ready for analysis), Level two (analysis results) data
LOP	Level zero Products
Lab	Laboratory
LAN	Local Area Network
LANL	Los Alamos National Laboratory
LAS	LAT Astro-Server
LAT	Large Area Telescope di Fermi
LATTE	LAT Test Executive
LBAS	Fermi LAT List of Bright AGN Sources
LBFSGS	Limited-memory Broyden Fletcher Goldfarb Shanno method
LBG	Lyman-Break Galaxies
LBL	Low energy peaked BL Lac Objects
LC	Light Curve
LD	Lobe-Dominated
LDC	LAT Data Catalog
LDF	LAT Data Flow
LDP	LAT Data Products
LEO	Low Earth Orbit
LF	Luminosity Function
LF	Lifetime
LFEP	Front-End Processor
LFQPO	Low Frequency Quasi-periodic Oscillation
LGL	Low Galactic Latitude
LHC	Large Hadron Collider
LHEA	Laboratory for High Energy Astrophysics at NASA
LHK	LAT Housekeeping
LICOS	LAT Instrument Checkout System
LISOC	LAT Instrument Science Operations Center
LINER	Low Ionization Emission Line Region
LIOC	LAT Instrument Operations Center (now ISOC)
LIV	Lorentz Invariance Violation
LLE	LAT Low Energy data class
LMC	Large Magellanic Cloud

LOF	LAT Operations Facility
LP	Log Parabola
LPA	Output from Level 1 processing of on-orbit data
LPC	Linear Predictive Coding
LPQ	Low Polarized Quasar
LSA	LAT Science Analysis
LSF	LAT Science Format
LSF	Load Sharing Facility
LSG	LAT Collaboration Science Groups
LSP	Low Synchrotron Peaked
LSP	Lomb-Scargle Periodogram
LT	Lense-Thirring
LT	Lorentz Transformation
LTC	Livetime Cube
LUW	LAT User Workbook
Ly	Lyman
LY	Light Year
m	meter
μm	10 ⁻⁶ meter
M&S	Materials & Services
MAGIC	Major Atmospheric Gamma Imaging Cherenkov
MAR	Multiple Access Return
Mbps, Mb/s	Megabits per second
MC	Monte Carlo
MC	Markov Chain
MCC	Mission Control Center
MCR	Mobile Computing Rack
MdF	Ministero della Difesa
MDO	Massive Dark Object
MEM	Maximum Entropy Method
MET	Mission Elapsed Time
MeV	Mega (10 ⁶ , million) electronvolt
MGSE	Mechanical Ground Support Equipment
MHD	Magnetohydrodynamics
MILA	Meritt Island Launch Annex

MIP	Minimally Ionizing Particle
MIUR	Ministero dell'Istruzione, Università e Ricerca
MIT	Massachusetts Institute of Technology
MJD	Modified Julian Date
Mkn / Mkr	Markarian
MMIA	Multi-Mission Interactive Archive
MNRAS	Monthly Notices of the Royal Astronomical Society (scientific journal)
MOC	Mission Operation Center
MoU	Memorandum of Understanding
MP	Mission Planning
MPE	Max Planck Institute for Extraterrestrial Physics
MQ	Microquasar
MS	Merit Skimmer
MSA	Modular Smart Array
MSFC	NASA Marshall Space Flight Center
MSS	Mission System Specification
MSSM	Minimal Supersymmetric Standard Model
MST	Minimum Spanning Tree
MW, MWL	Multiwavelength (i.e. Multifrequency)
NA	Non Applicable
Nal	Sodium Iodide
NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
NB	Nota bene
NCC	Network Control Center
NCP	North Celestial Pole
NCST	Naval Center for Space Technology
NE	Noise Equivalent
NED	NASA/IPAC Extragalactic Database
NEF	Nuclear Enhancement Factor
NELG	Narrow Emission Line Galaxy
NEP	North Ecliptic Pole
NFS	Network File System
NGC	New General Catalogue
NGP	North Galactic Pole

NLRG	Narrow Line Radio Galaxy
NLSy1	Narrow Line Seyfert 1 Galaxy
NLT	Non LAT Team
NOA	New Obligation Authority
Nom	Nominal
NORAD	North American Air Defense Command
NP	Narrative Procedures
NR	Numerical Recipes
NRA	NASA Research Announcement
NRL	Naval Research Laboratory
NRL	Narrow Line Region
NS	Neutron Star
NSE	Navier-Stokes Equation
NSF:	National Science Foundation
NSSTC	National Space Science and Technology Center
NuSTAR	Nuclear Spectroscopic Telescope Array
NVSS	NRAO VLA Sky Survey
O-	Ohio State University Radio Survey Catalog
OAR	INAF Osservatorio Astronomico di Roma
OCD	Operational Concept Document
OEM	Original Equipment Manufacturer
OGIP	Office of Guest Investigator Programs
Opr	Operational
Ops	Operations
Org	Organization
OS	Operating System
OSS	NASA Office of Space Science
OSSE	Oriented Scintillation Spectrometer Experiment on CGRO
OSU	The Ohio State University
OVV	Optically Violent Variable
P6/P7/P8	Pass 6/7/8 version of the LAT Instrument Response Functions
Par	Paragraph
PASP	Publications of the Astronomical Society of the Pacific (scientific Journal)
PB	Publication Board
PBH	Primordial Black Hole

PBH	Primordial Black Hole
pc	Parsec
PDB	Project Database
PDE	Partial Differential Equation
PDG	Particle Data Group
PDMP	Project Data Management Plan
PDR	Preliminary Design Review
PDS	Power Density Spectrum
PDT	Pacific Daylight Time
PDU	Packet Data Unit
PDU	Power Distribution Unit
PE	Pulsar Ephemerides
PE	Pulsar Ephemerides
PEG	Passive Elliptical Galaxy
PGW	Perugia Wavelet
PHA	Pulse Height Analyzer
PhD	Philosophiae Doctor (doctor of philosophy)
Phot	Photometry
PI	Principal Investigator
PIC	Proton-Induced Cascade
PIMMS	Portable, Interactive, Multi-Mission Simulator
Pipe	Pipeline
PKS	Parkes Radio Catalog
PL	Perl
PLA	Pianificazione del progetto
PLN	Planning
PMT	Photon Multiplier Tube
PNG	Portable Graphic Network
POE	Public Outreach and Education
Pol	Polarization
Poy	Poynting
PP	Parent Population
PP	Pair Production
PRA	Public Relation Activity
PRF	Performance

PRJ	Schema del progetto
PRL	Physical Review Letters
Proc	Procedure
Prod	Production
PRR	Progress Report
PS	Point Source
PS	Postscript
PSA	Point Source Analysis
PSD	Power Spectral Density
PSF	Point Spread Function
PSN	Piano Spaziale Nazionale
PSPC	Position Sensitive Proportional Counter
PSR	Pulsar
PST	Pacific Standard Time
PT	Product Tree
PTUGP	Pulsar Timing Using Geocentered Photons
PVO	Performance, Verification, and Optimization
PWN	Pulsar Wind Nebula
QDE	Quantum Detection Efficiency
QED	Quantum Electrodynamics
QG	Quantum Gravity
QLA	Quick Look Analysis
QPO	Quasi-Periodic Oscillations
QS	Quiet Sun
QSO	Quasi Stellar Object
RA	Right Ascension
RA	Rocking Angle
RAID	Redundant Array of Independent Disks
RB	Relativistic Beaming
RBL	Radio-selected BL Lac object
RDBMS	Relational Data Base Management System
RdO	Richiesta d'Offerta
RDB	Relational Database
RDBMS	Relational Database Management System
RDQ	Run Data Quality

Recon	Reconstruction
Rep	Report
RG	Radiogalaxy
RHEL	Red Hat Enterprise Linux
RID	Reprocessing Instrument Data
RL	Radio Loud
RLF	Radio Luminosity Function
RLQ	Radio-Loud Quasar
RM	Release Manager
RM	Response Matrix
RMF	Redistribution Matrix File
RMS	Root Mean Square
ROI	Region Of Interest
RPM	Red Hat Package Manager
RQ	Run Quality
RQ	Radio quiet
RQQ	Radio-Quiet Quasar
RSC	Resource
RSP	Routine Science Processing
RT	Request Tracker
RT	Remote Terminal
RTS	Relative Time Sequence
RTT	Real Time Telemetry
RX	ROSAT X-ray Catalog
RXTE	Rossi X-Ray Timing Explorer
SAA	South Atlantic Anomaly
SAGENAP	Scientific Assessment Group for Experiments in Non-Accelerator Physics (DOE and NSF)
SAIt	Società Astronomica Italiana
SAO	Smithsonian Astrophysical Observatory
SAS	Science Analysis System
SAS	Science Analysis Software
SAS-2	Small Astronomy Satellite 2
SAX	Beppo-SAX, Satellite per Astronomia X
SB	Speakers Bureau

SBG	Starburst Galaxy
SBG	Starburst Galaxies
SC	Service Challenge
SciOps	Science Operations
SCIIPP	Santa Cruz Institute of Particle Physics at UCSC
SCL	SLAC Central Linux
SCons	SConscript open source software development platform
SCP	South Celestial Pole
SDR	System Design Review
Sec	Security
Sect	Section
SED	Spectral Energy Distribution
SEP	South Ecliptic Pole
Svc	Service
SF	Solar Flare
SF	Structure Function
SFOF	Space Flight Operations Facility
SG	Starburst Galaxy
SGC	Science Group Coordinator
SGP	South Galactic Pole
SGR	Soft Gamma-ray Repeater
Sim	Simulated
SiS	SiS Signal in Space
SISS	Supporto Informatico Specialistico e Sistemistico
SLAC	Stanford Linear Accelerator Center
SMBH	Super Massive Black Holes
SMC	Small Magellanic Cloud
SME	Small and Medium Enterprise
SN	Supernova
SNR	Supernova Remnant
SO	Science Operations
SODM	Science Operation Data Monitor
Sor	Sorting
SOR	Successive Overrelaxation
SPE	Specifiche

SQL	Structured Query Language
SR	Schwarzschild radius
SR	Special Relativity
SRD	Science Requirement Document
SRS	Software Requirements Specification
SSA	Synchrotron Self-Absorption
SSAC	Senior Scientist Advisory Committee
SSC	Synchrotron Self Compton
SSD	Silicon Strip Detector
SSRQ	Steep Spectrum Radio Quasar
SSU	Sonoma State University
ST	Science Tools software
STIL	Starlink Tables Infrastructure Library
STC	Science Timeline Calendar
Sto	Storage
STSci	Space-Telescope Science Institute
SU	Stanford University
SU-HEPL	Stanford University Hanson Experimental Physics
SUM	Software User's Manual
SUSY	Supersymmetry
SW, S/W	Software
SW	Shock Waves
SWG	Science Working Groups
Swift	Swift Gamma Ray Burst Explorer Mission
Sy	Seyfert
Sys	System
T&DF	Trigger and Dataflow
TAI	International Atomic Time
TB	Terabyte
TBC	To Be Confirmed
TBD	To Be Determined
TBR	To Be Reviewed
TD	Technical Document
TD	Tempo Determinato
TDA	Time Domain Astronomy

TDM	Tridiagonal Matrix
TDRSS/ TDRS	Tracking and Data Relay Satellite System
TE	Test Engineer
TE	Transport Equation
TEM	Tower Electronics Module
TeV	Tera (10 ¹² , trillion) electronvolts
TF	Transfer Function
TGF	Terrestrial Gamma-ray Flash
TKR	LAT Tracker Subsystem
TLM	Telemetry
TM	Technical Meeting
TN	Technical Note
TNG	Telescopio Nazionale Galileo
ToO	Target of Opportunity
ToT	Time over Threshold
TPG	Trigger Pattern Generator
TPZ	Telespazio
TS	Test Statistics
TS	Time Series
TS	Transient Survey
TSA	Timeseries Analysis
TSM	Test Statistics Map
TSR	Technical and Science Report
TTG	Telemetry Table GUI
UBVRI	U,B,V,R,I photometric system
UCSC	University of California at Santa Cruz
UGS	User Ground Segment
ULIRG	Ultraluminous Infrared Galaxy
UnID	Unidentified
UPS	Uninterruptible Power Supply
UCSC	University of California at Santa Cruz
UTC	Universal Time Coordinated
UV	Ultraviolet
UVOT	UltraViolet and Optical Telescope (Swift instrument)

UW	University of Washington
VDD	Version Description Document
VERITAS	Very Energetic Radiation Imaging Telescope Array System
VHE	Very High Energy
VI	Variability Index
VLA	Very Large Array
VLBA	Very Long Baseline Array
VLBI	Very Long Baseline Interferometry
VO, VOY	Virtual Observatory
VOE	Virtual Observatory Event
VP	Viewing Period
WAM	Web Application Manager
WAM	Weekly Analysis Meeting
WBD	Work Breakdown Description
WBS	Work Breakdown Structure
WCS	World Coordinate System
WD	White Dwarf
WEBT	Whole Earth Blazar Telescope
WG	Working Group
WIMP	Weakly Interacting Massive Particle
WIRED	World-Wide Web Interactive Remote Event Display (BaBar)
WMAP	Wilkinson Microwave Anisotropy Probe
WP	Working package (pacco di lavoro)
WR	Wolf-Rayet star
WS	Workshop
WSC	White Sands Complex
WWW	World Wide Web
XBL	X-ray Selected BL Lac Object
XLF	X-ray Luminosity Function
XML	eXtensible Markup Language
XMM	XMM-Newton, X-ray Multi-Mirror Mission
XRB	X-Ray Background
XRB	X-ray Binary
XRT	X-ray Telescope (Swift instrument)
XSPEC	X-ray spectral-fitting program

XTE	Rossi X-ray Timing Explorer
z	Symbol for redshift
ZA	Zenith Angle
ZP	Zero Point