

# GLAST-RELATED ACRONYMS

**ACD** The LAT Anticoincidence Detector Subsystem  
**ACT** Atmospheric Cherenkov Telescope  
**AGILE** Astro-rivelatore Gamma a Immagini Leggero (Light Astro Gamma Imaging Detector)  
**AGN** Active Galactic Nuclei  
**AIS** Advanced Information Systems (General Dynamics)  
**ASI** Italian Space Agency  
**BATSE** Burst and Transient Source Experiment on CGRO  
**BGO** Bismuth Germanate  
**Bps** Bits per second  
**C.R.** Cosmic Ray  
**CAL** The LAT Calorimeter Subsystem  
**CANGAROO** Collaboration between Australia and Nippon for a Gamma-Ray Observatory in the Outback  
**CCD** Charge-coupled Device  
**CEA** Commissariat a l'Energie Atomique  
**CENBG** Centre d'etudes Nucleaires de Bordeaux Gradignan  
**CERN** Centre European pour la Recherche Nucleaire or the European Center for Nuclear Research  
**CGRO** Compton Gamma-ray Observatory  
**CNRS** Centre National de la Recherche Scientifique  
**COMPTEL** Compton Telescope on CGRO  
**COS-B** European Gamma-ray Astronomy Satellite  
**DAPNIA** Departement d'Astrophysique, de physique des Particules, de physique Nucleaire et de L'Instrumentation Associee  
**DAQ** Data Acquisition System  
**DESY** Deutsches Electron-Synchrotron  
**DOE** Department of Energy  
**EDAQ** the LAT Electronics, Data Acquisition and Flight Software Subsystem  
**EGRET** Energetic Gamma Ray Experiment Telescope on CGRO  
**EPO** Education and Public Outreach  
**FOV** Field of View  
**GAFE** GLAST ACD Front End - Analog ASIC  
**GARC** GLAST ACD Readout Controller- Digital ASIC  
**GBM** GLAST Burst Monitor  
**Gbps** Gigabits per second  
**GCFE** GLAST Calorimeter Front-end Electronics - Analog ASIC  
**GCN** Gamma-ray Burst Coordinate Network  
**GCRC** GLAST Calorimeter Read-out Controller - Digital ASIC  
**GeV** Giga (billion) electronvolts  
**GIOC** GBM Instrument Operations Center  
**GITD** GLAST Instrument Technology Development  
**GLAST** Gamma-ray Large Area Space Telescope  
**GRB** Gamma-ray Burst  
**GRO** Gamma-ray Observatory  
**GSFC** NASA Goddard Space Flight Center  
**GSi** Gesellschaft für Schwerionenforschung or the Society for Heavy Ion Research  
**GTFE** GLAST Tracker Front-end Electronics (ASICs)  
**GTRC** GLAST Tracker Read-out Controller  
**HE** High Energy  
**HEAO** High Energy Astrophysics Observatory  
**HEASARC** High Energy Astrophysics Science Archive Research Center  
**HEPL** W.W. Hansen Experimental Physics Laboratory at Stanford University  
**H.E.S.S.** High Energy Stereoscopic System  
**HETE-2** High Energy Transient Explorer  
**IAU** International Astronomical Union  
**IDS** Interdisciplinary Scientist  
**IN2P3** Institut National de Physique Nucleaire et de Physique des Particules  
**INFN** Istituto Nazionale Di Fisica Nucleare (Italy)  
**INTEGRAL** International Gamma-Ray Astrophysics Laboratory (European Space Agency)  
**IOC** Instrument Operations Center  
**ISAS** Institute for Space and Astronautical Science, Japan  
**JGC** Japanese GLAST Collaboration  
**Kbps** Kilobits per second  
**KEK** National Laboratory for High Energy Physics, Japan  
**KeV** Kilo (thousand) electronvolts  
**kg** Kilogram  
**KSC** NASA Kennedy Space Center  
**KTH** Royal Institute of Technology, Sweden  
**LAT** GLAST Large Area Telescope  
**LEO** Low Earth Orbit  
**LHC** Large Hadron Collider  
**LHEA** Laboratory for High Energy Astrophysics at NASA's GSFC  
**LIOC** LAT Instrument Operations Center  
**LOF** LAT Operations Facility  
**MAGIC** Major Atmospheric Gamma Imaging Cherenkov  
**Mbps** Megabits per second  
**MeV** Mega (million) electronvolts  
**MILAGRO** Multiple Institution Los Alamos Gamma Ray Observatory  
**MOC** Mission Operation Center  
**MPE** Max Planck Institute for Extraterrestrial Physics  
**MSFC** NASA Marshall Space Flight Center  
**Nal** Sodium Iodide  
**NAS** National Academy of Sciences  
**NASA** National Aeronautics and Space Administration  
**NCST** Naval Center for Space Technology  
**NRL** Naval Research Laboratory  
**NSF** National Science Foundation  
**NSSTC** National Space Science and Technology Center  
**OSS** NASA Office of Space Science  
**OSSE** Oriented Scintillation Spectrometer Experiment on CGRO  
**PCC** Laboratoire de Physique Corpusculaire et Cosmologie  
**PI** Principle Investigator  
**RXTE** Rossi X-Ray Timing Explorer  
**SCIPP** Santa Cruz Institute of Particle Physics at UCSC  
**SGC** Swedish GLAST Collaboration  
**SLAC** Stanford Linear Accelerator Center  
**SNR** Supernova Remnant  
**SSU** Sonoma State University  
**SU** Stanford University  
**SU-HEPL** Stanford University Hanson Experimental Physics Laboratory  
**TeV** Trillion electronvolts  
**TKR** The LAT Tracker Subsystem  
**UAH** University of Alabama at Huntsville  
**UCSC** University of California, Santa Cruz  
**ULIRG** Ultraluminous Infrared Galaxy  
**VERITAS** Very Energetic Radiation Imaging Telescope Array System  
**WIMP** Weakly Interacting Massive Particle