

Acronyms and Abbreviations

ACP	Advanced Computer Program
AEC	Atomic Energy Commission
AGS	Alternating Gradient Synchrotron (Brookhaven National Laboratory [Brookhaven, NY])
AIP	American Institute of Physics
ANL	Argonne National Laboratory (Argonne, IL)
APS	American Physical Society
AUI	Associated Universities, Inc.
BeV	Billion Electron Volts
BOB	Bureau of the Budget
BOO	Board of Overseers
BNL	Brookhaven National Laboratory (Brookhaven, NY)
CBA	Colliding Beams Accelerator
CDF	Colliding Detector at Fermilab (Fermi National Accelerator Laboratory [Batavia, IL])
CDG	Central Design Group (Lawrence Berkeley Laboratory [Berkeley, CA])
CEA	Cambridge Electron Accelerator
CEBAF	Colliding Electron Beams Accelerator Facility (Newport News, VA)
CERN	European Center for Nuclear Research (Geneva)
CESR	Cornell Electron Storage Ring (Ithaca, NY)
DESY	Deutsches Elektronen-Synchrotron (Hamburg)
DOE	Department of Energy
DPF	Division of Particles and Fields (American Physical Society)
DZero	Detector at DØ (Fermi National Accelerator Laboratory [Batavia, IL])

ACRONYMS AND ABBREVIATIONS

ECFA	European Committee for Future Accelerators
ERDA	Energy Research and Development Administration
FFAG	Fixed-Field Alternating Gradient
FNAL	Fermi National Accelerator Laboratory (Batavia, IL)
GAC	General Advisory Committee
GAO	General Accounting Office
GeV	giga electron volts (= billion electron volts [BeV])
HEPAP	High Energy Physics Advisory Panel
HERA	Hadron Elektron Ring Anlage (Hamburg)
IAEA	International Atomic Energy Agency (Vienna)
ICFA	International Committee for Future Accelerators
IEEE	Institute of Electrical and Electronics Engineers
IHEP	Institute for High Energy Physics (Serpukhov, Russia)
ISA	Intersecting Storage Accelerator (ISABELLE, Brookhaven National Laboratory [Brookhaven, NY])
ISR	Intersecting Storage Rings (CERN)
IUPAP	International Union of Pure and Applied Physics
JCAE	Joint Committee on Atomic Energy (U.S. Congress)
JINR	Joint Institute for Nuclear Research (Dubna, Russia)
KEK	Ko Enerugii Butsurigaku Kenkyusho (Tsukuba, Japan)
KeV	Thousand Electron Volts
LBJ Library	Lyndon Baines Johnson Presidential Library and Museum (Austin, TX)
LBL/LBNL/LRL	Lawrence Berkeley Laboratory (Berkeley, CA)
LEP	Large Electron-Positron (CERN)
LHC	Large Hadron Collider (CERN)
MeV	million electron volts
MOU	memorandum of understanding
MURA	Midwestern Universities Research Association (Madison, WI)
NAL	National Accelerator Laboratory (Fermi National Accelerator Laboratory [Batavia, IL])
NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
NRC	National Research Council
NSF	National Science Foundation
OER	Office of Energy Research
OMB	Office of Management and Budget
PAC	Physics Advisory Committee
PEP	Positron-Electron Project (Stanford Linear Accelerator Center [Menlo Park, CA])
PMG	Project Management Group
PS	Proton Synchrotron (CERN)
PSAC	President's Science Advisory Committee
RDS	Reference Designs Study (Lawrence Berkeley Laboratory [Berkeley, CA])

RF	radio frequency
RFP	request for proposal
SLAC	Stanford Linear Accelerator Center (Menlo Park, CA)
SLC	Stanford Linear Collider (Stanford Linear Accelerator Center [Menlo Park, CA])
SLIC	segmented liquid ionization calorimeter
SMD	silicon microstrip detector
SPEAR	Stanford Positron-Electron Accelerator Rings
$S\bar{p}\bar{p}S$	Super Proton-Antiproton Synchrotron (CERN)
SPS	Super Proton Synchrotron (CERN)
SSC	Superconducting Super Collider (Waxahachie, TX)
SURA	Southeastern Universities Research Association
TAC	Texas Accelerator Center (The Woodlands, TX)
TeV	trillion electron volts
TNL	truly national laboratory
TPL	Tagged Photon Laboratory (Fermi National Accelerator Laboratory [Batavia, IL])
TPMS	Tagged Photon Magnetic Spectrometer (Fermi National Accelerator Laboratory [Batavia, IL])
UA1	Underground Area 1 (Super Proton Synchrotron, CERN)
UA2	Underground Area 2 (Super Proton Synchrotron, CERN)
UPC	Underground Parameters Committee
URA	Universities Research Association, Inc.
VBA	Very Big Accelerator
WAG	Western Accelerator Group
ZGS	Zero Gradient Synchrotron (Argonne, IL)





