

ALICE acronym list

ACC	ALICE Control Coordination
ACORDE	ALICE Cosmic Ray Detector
ACR	ALICE Control Room
ADC	Analog-to-Digital Converter
ADULT	A DUaL Threshold
AFFAIR	A Fine Fabric and Applications Information Recorder
AGS	Alternating Gradient Synchrotron
ALABUF	SSD Analogue driver and switch
ALCAPONE	SSD Regulator and control chip
ALICE	A Large Ion Collider Experiment
AliEn	Alice Grid Environment
AliRoot	Alice ROOT
ALTRO	ALICE TPC Readout
AMBRA	SDD Digital event buffer
AMORE	Automatic MOnitoRing Environment
AMS	Austriamicrosystems AG
AOD	Analysis Object Data
APD	Avalanche Photodiodes
API	Application Programming Interface
ApMon	Application Monitoring API
ARC	Advanced Resource Connector
ARDA	A Realisation of Distributed Analysis for LHC
ARM	Advanced RISC Machine
ASIC	Application-Specific Integrated Circuit
BCAM	Boston CCD Angle Monitors
BCF9929A	Bicron shifting fibres
BC404	Bicron scintillator
CAD	Computer Aided Design
CAF	CERN Analysis Facility
CARLOS	SDD Zero suppressor
CASTOR	CERN Advanced STORage manager
CCD	Charge-Coupled Detector
CCIU	Channel Concentrator Interface Unit

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CDB	Configuration DataBase
CERN	European Organization for Nuclear Research
CFC	Carbon Fibre Composite
CFSS	Carbon Fibre Support Sector
CHARM	Computer Health ad Remote Management
CIU	Channel Interface Unit
CM	Control Modules
CMOS	Complementary Metal-Oxide-Semiconductor
CMRW	Column-Memory and Read-Write (protocol)
CompactPCI	Compact Peripheral Component Interconnect
CPDM	Clock and Pulser Distribution Module
CPU	Central Processing Unit
CPV	Charged Particle Veto
CROCUS	Cluster Read Out Concentrator Unit System
CRRC	Signal shaper
CRT	ConcentRaTor
CSA	Charge Sensitive Amplifier
CsI	Cesium Iodide
CT1	Central Trigger of level 1
CT2	Central Trigger of level 2
CTE	Coefficient of Thermal Expansion
CTP	Central Trigger Processor
CTTM	Cosmic and Topology Trigger Module
CU	Control Unit
DA	Detector Algorims
DAC	Digital-to-Analog Converter
DAQ	Data Aquisition
DATE	Data Acquisition and Test Environment
DCA	Detector Control Agent
DCAHI	Detector Control Agent Human Interface
DCDB	Detector Construction Data Base
DCS	Detector Control System
DDL	Detector Data Link
DIM	Distributed Information Management system
DMA	Direct Memory Access
DRM	Data Readout Module
D-RORC	DAQ RORC
DSP	Digital Signal Processors
DSS	Detector Safety System
DU	Device Unit
EBDS	Event Building and Distribution System
ECFA	European Committee for Future Accelerators
ECS	Experiment Control System

EDM	Event Destination Manager
ELMB	Embedded Local Monitor Board
EM	Electromagnetic
EMCAL	Electromagnetic Calorimeter
EMC	ElectroMagnetic Calorimeter
EMS	External Monitoring System
ENC	Equivalent Noise Charge
ESD	Event Summary Data
FC	Fibre Channel
FC	File Catalog
FC4G	Fibre Channel 4 Gbits/s
FEA	Front-End Analog card
FEC	Front-End Card
FEE	Front-End Electronics
FED	Front-End Device
FEP	Front-End Processor
FERO	Front-End Read-Out
FEROM	Front-End Read-Out Module
FFT	Frontal Fan-out Trigger
FMD	Forward Multiplicity Detector
FORTTRAN	FORmula TRANslation
FPGA	Field-Programmable Gate Array
FRT	FRonTal
FSM	Finite State Machine
FTD	File Transfer Daemon
FTD	Frontal Trigger Dispatching
FTE	Full Time Equivalent
FTS	File Tranfer Service
FWHM	Full Width Half Maximum
FXS	File eXchange Server
GB	Gigabyte (10^9 bytes)
GDC	Global Data Collector
GIF	Gamma Irradiation Facility
GMS	Geometry Monitoring System
GOL	Gigabit Optical Link
GSI	Grid Security Infrastructure
GSSAPI	Grid Security Sercice Application Programming Interface
GTL	FEE readout bus
GTU	Global Tracking Unit
GUID	Global Unique IDentifier
HAL25	SSD front-end chipc
HEP	High Energy Physics
HIJING	Heavy Ion Jet Interaction Generator

HLT	High-Level Trigger
HMPID	High Momentum Particle Identification Detector
HPTDC	High-Performance Time-to-Digital Converter
H-RORC	HLT RORC
HTML	Hyper Text Markup Language
HV	High Voltage
IA32/64	Intel Architecture, 32/64-bit
I/O	Input/Output
IP	Interaction Point
IR	Infrared
IRST	Institute of Scientific and Technological Research
IS	Information Service
ITS	Inner Tracking System
JCOP	Joint Control Project
JDL	Job Description Language
JTAG	Joint Test Action Group
LAA	Lepton Asymmetry Analyser (an R&D project started in 1986)
LAN	Local Area Network
LDC	Local Data Concentrator
LED	Light Emitting Diode
LEP	Large Electron-Positron Collider
LFN	Logical File Name
LHC	Large Hadron Collider
LMS	Longitudinal Monitoring System
LNN	Logical File Name
LSB	Least Significant Bit
LTM	Local Trigger Module
LTU	Local Trigger Unit
LU	Logical Unit
LVDS	Low-Voltage Differential Signaling
LV	Low Voltage
L0	Level-0 trigger
L1	Level-1 trigger
L2	Level-2 trigger
MANAS	Multiplexed ANALogic Signal processor
MANU	MANas NUMérique
MARC	Muon Arm Readout Chip
MB	Minimum Bias
MCM	Multi-Chip Module
MIP	Minimum Ionizing Particle
MM	Master Modules
MonALISA	MONitoring Agents using a Large Integrated Services Architecture
MOS	Metal-Oxide Semiconductor

MRPC	Multi-gap Resistive-Plate Chamber
MSS	Mass Storage System
MT	Multiplicity Trigger
MWPC	Multi-Wire Proportional Chamber
NN	Neural Network
NTD	Neutron Transmutation Doped silicon
OCDB	Offline Conditions Data Base
ODH	Oxygen Deficient Hazard
OLE	Object Linking and Embedding
ON	Operator Node
OPC	OLE for Process Control
ORI	Optical Readout Interface
OS	Operating System
OSG	Open Science Grid
PASCAL	SDD Multi purpose ASICs
PASA	Preamplifier / Shaping Amplifier
PATCH	Protocol for ALICE Tracking Chambers
PC	Personal Computer
PCA	Partition Control Agent
CAHI	Partition Control Agent Human Interface
PCB	Printed Circuit Board
PCI	Peripheral Component Interconnect
PCI-X	Peripheral Component Interconnect eXtended
PDS	Permanent Data Storage
PFN	Physical File Name
PG	p-Gas Trigger
PHENIX	Pioneering High Energy Nuclear Interaction Experiment
PHOS	Photon Spectrometer
PID	Particle Identification
PIN	Positive Intrinsic Negative
PLC	Programmable Logic Controller
PMD	Photon Multiplicity Detector
PMT	Photomultiplier Tube
PFN	Physical File Name
POSIX	Portable Operating System for Computer Environment
PROOF	Parallel ROOT Facility
PS	Proton Synchrotron
PVSS	Prozessvisualisierungs- und Steuerungs-System
PWO	PbWO ₄
PX24	23 m diameter access shaft
QCD	Quantum Chromo Dynamics
QE	Quantum Efficiency
QoS	Quality Of Service

QRL	Cryogenic Ring-Line
RC	Run Control
RCU	Readout Control Unit
RHIC	Relativistic Heavy Ion Collider
RICH	Ring Imaging Cherenkov detector
RORC	Read-Out Received Card
RPC	Resistive Plate Chamber
SASL	Simple Authentication and Security Layer
SBU	Sequential Build-Up
SCADA	Supervisory Controls And Data Acquisition
SDD	Silicon Drift Detector
SDTY	Standard Data Taking Year
SE	Storage Element
SEU	Single Event Upset
SFP	Small Form-Factor Pluggable
SG2	Building for primary gas circulation equipment
SI2K	Specification Integer 2000
SIU	System Interface Unit
SLA	Service Level Agreement
SMI	State Management Interface
SMP	Symmetrical Multi Processing
SMT	Symmetrical Multi Threading
SOAP	Simple Object Access Protocol
SPD	Silicon Pixel Detector
SPS	Super Proton Synchrotron
SSD	Silicon Strip Detector
STAR	Solenoidal Tracker At RHIC
STU	Summary Trigger Unit
SVN	SubVersioN
SX2	Assembly hall covering the underground access shaft
SXL2	Assembly surface building
TAB	Tape Automatic Bonded
TCI	Trigger Crocus Interface
TCP/IP	Transmission Control Protocol/Internet Protocol
TDC	Time-to-Digital Converter
TDS	Transient Data Storage
TDSM	Transient Data Storage Manager
TID	Total Ionizing Dose
TMAE	TriMethylAminoEthyl
TMS	Transverse Monitoring System
TMU	Track Matching Unit
TOF	Time-Of-Flight
TOT	Time-Over-Threshold

TPA	Trigger Partition Agent
TPC	Time Projection Chamber
TR	Transition Radiation
TRAP	Tracklet Processor
TRD	Transition Radiation Detector
TRG	Trigger
TRM	TDC Readout Module
TRU	Trigger Region Unit
TS/CV	CERN Cooling and Ventilation Group
TS/EL	CERN Electronic Engineering Group
TTL	Transistor-Transistor Logic
TTC	Timing, Trigger and Control
TTCrx	Timing, Trigger and Control receiver
T0	Time 0 detector
UI	User Interface
UMC	United Microelectronics Corporation
UNIX (UNICS)	UNiplexed Information and Computing System
UP25	Connection tunnel between the UX25 area and the LHC by-pass tunnel
UPC	Ultra Peripheral Collisions
UPS	Uninterruptible Power Supply
URD	User Requirements Document
UV	Ultraviolet
UX25	Main underground cavern
VME	Versa Module Eurocard
V0	Vertex 0 detector
VO	Virtual Organisation
WLCG	Worldwide LHC Computing Grid
WLS	Wavelength Shifting
WN	Worker Node
WWW	World Wide Web
ZEM	ZDC ElectroMagnetic detector
ZDC	Zero Degree Calorimeter
ZN	ZDC Neutron detector
ZP	ZDC Proton detector