

LHC machine acronyms

LHC	Large Hadron Collider being built at CERN
LEP	Large Electron Positron collider built at CERN and now decommissioned
IP	Interaction Point at which two opposing beams collide
IR	Interaction Region in which the IP is situated
SSS	Short Straight Section, that occurs in the arcs and contain quadrupole and corrector magnets
LSS	Long Straight Section, that flanks the IPs
MS	Matching Section in the LSS
DS	Dispersion suppressor situated between the MS in the LSS and the arc
MB	Main LHC dipoles
MQ	Main LHC quadrupoles
QF	Focusing Quadrupole
QD	Defocusing Quadrupole
QRL	Cryogenic feed line
HOM	Higher order modes in RF cavities

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