CERN Accelerator Complex 7 TeV **TOTEM** LHC **CMS** LHC 2007 (27 km) 450 GeV **ALICE LHCb** TT40 TT41 SPS 1976 (7 km) 26 GeV neutrinos TI2 TT10 **ATLAS CNGS** 2006 Gran Sasso TT60 AD 1.4 GeV 1999 (182 m) TT2 **BOOSTER ISOLDE BOOSTER** East Area PS 50 MeV n-ToF 1959 (628 m) 1)LINAC 2 neutrons LINAC 2 Leir LINAC 3 2005 (78 m) ▶ p [proton] ▶ ion ▶ neutrons ▶ p [antiproton] → → proton/antiproton conversion ▶ neutrinos ▶ electron LHC Large Hadron Collider SPS Super Proton Synchrotron PS Proton Synchrotron AD Antiproton Decelerator CTF3 Clic Test Facility CNGS Cern Neutrinos to Gran Sasso ISOLDE Isotope Separator OnLine Device

LEIR Low Energy Ion Ring LINAC LINear ACcelerator n-ToF Neutrons Time Of Flight