

MAX-PLANCK-INSTITUT
FÜR PHYSIK



YEARS / ANS CERN
1954-2024

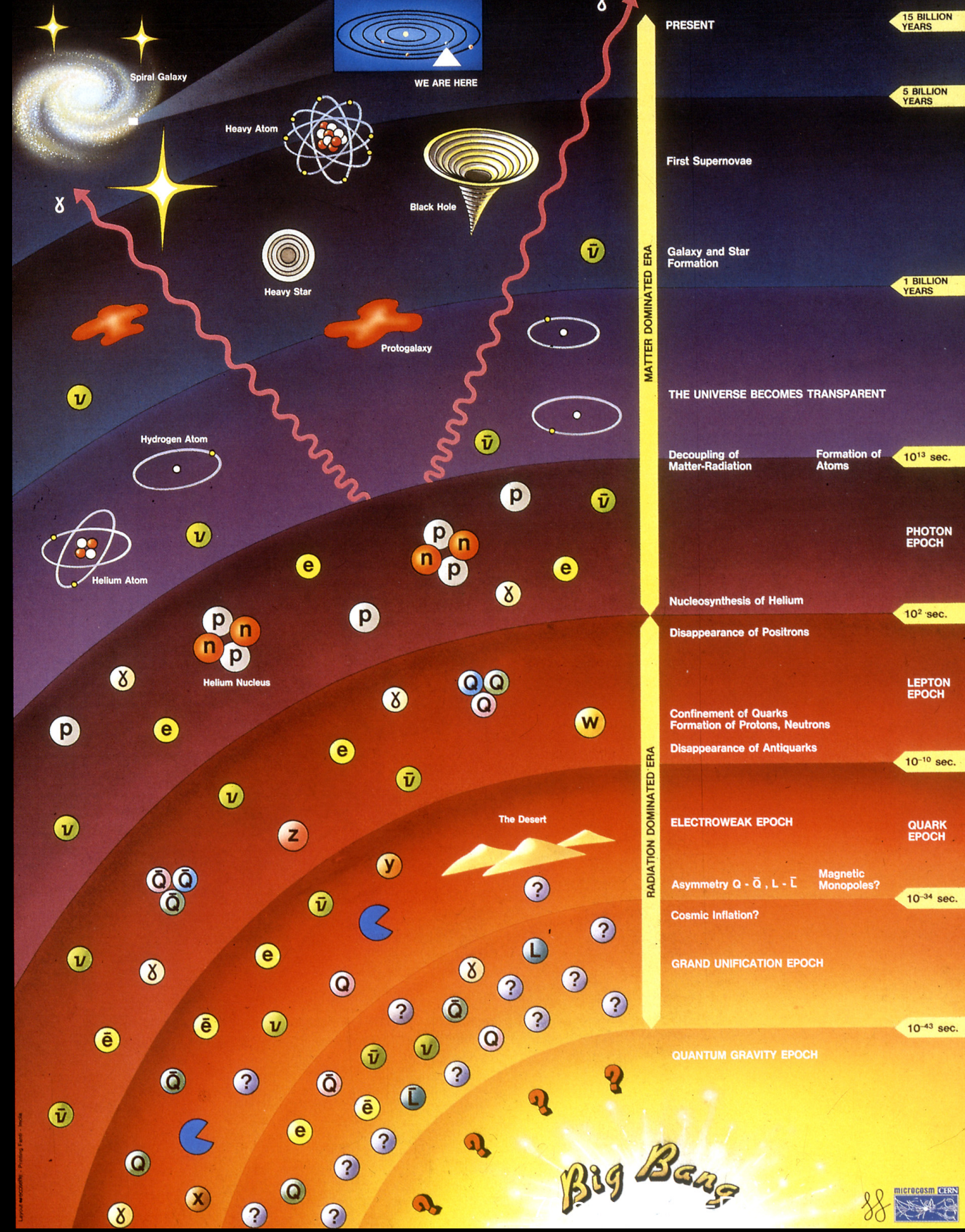


CERN 2024



CERN 1954

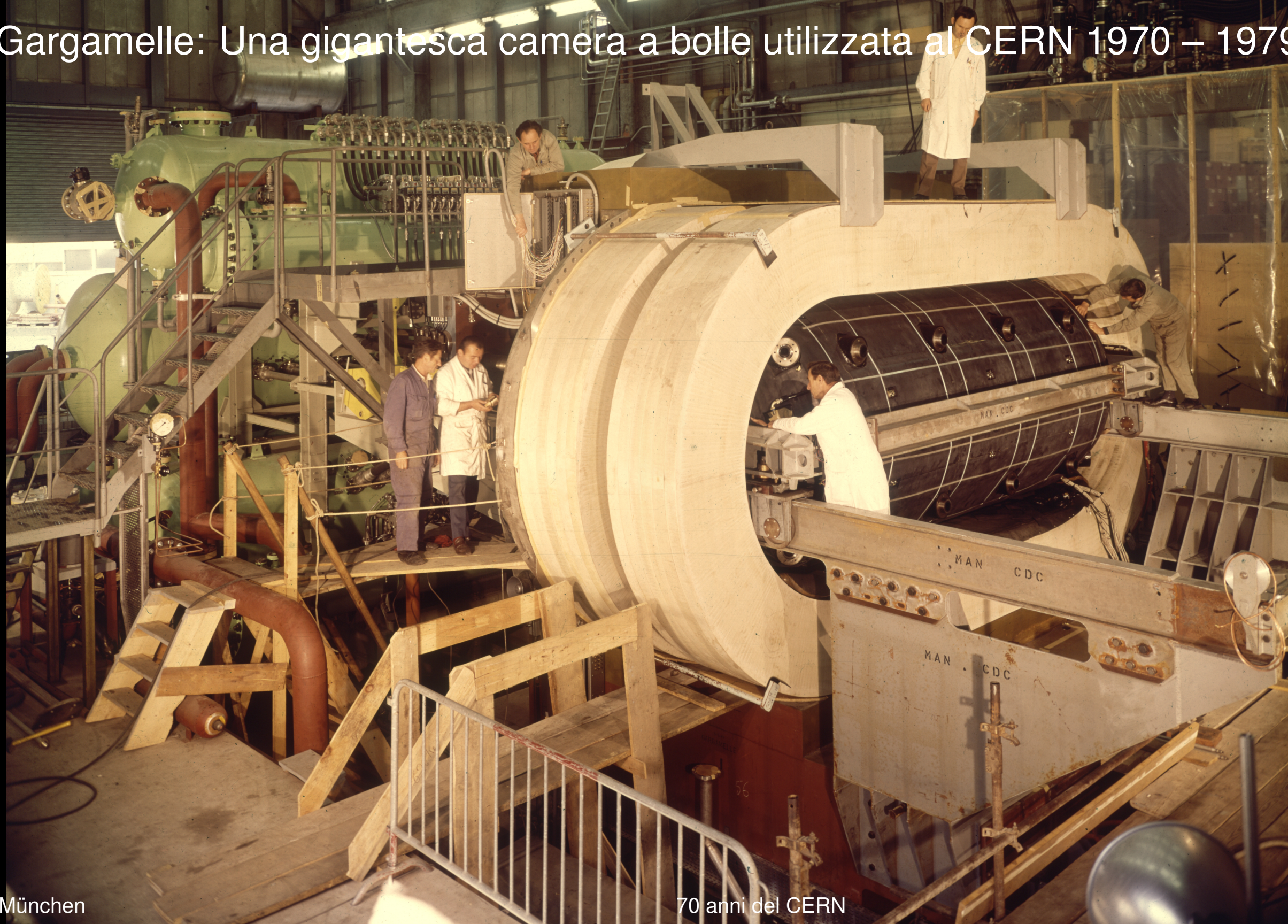




CERN 1965: Il sincrotrone protonico



Gargamelle: Una gigantesca camera a bolle utilizzata al CERN 1970 – 1979



Eventi di interazione in Gargamelle



R72. MILAN
60444
477 e⁻
V. G. Boyle

Layout del grande collisore di elettroni-positroni, LEP – 1989–2000



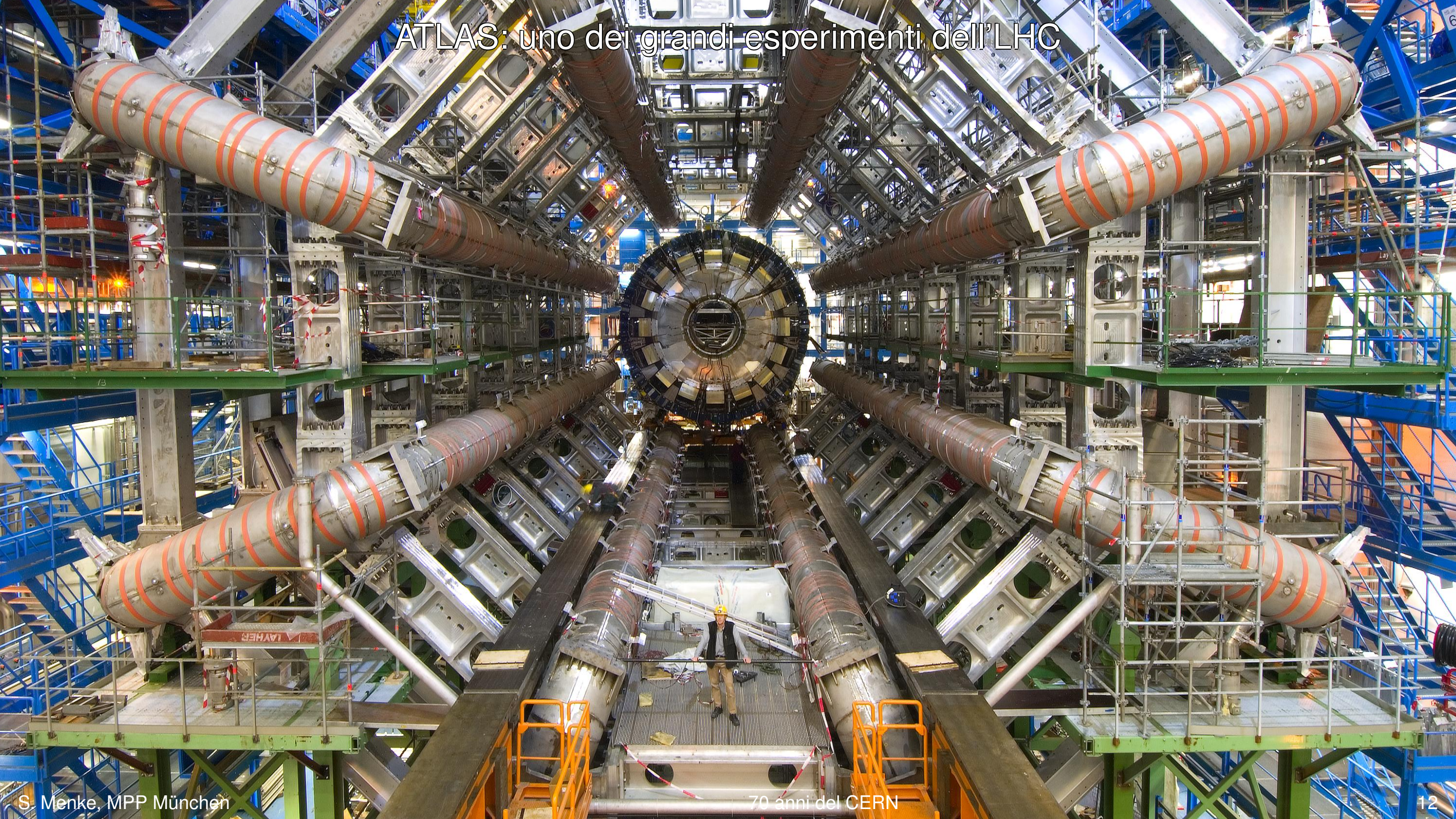
Installazioni nel "Large Hadron Collider", LHC – dal 2009



I dipoli magnetici dell'LHC



ATLAS: uno dei grandi esperimenti dell'LHC



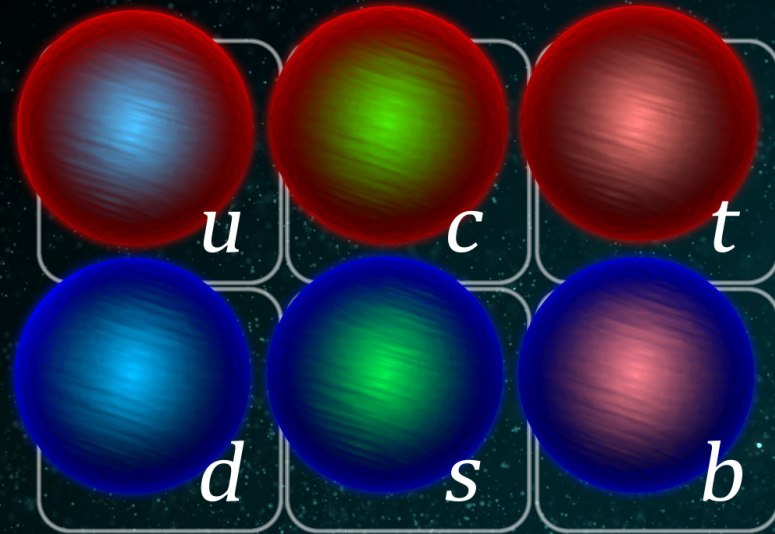
13 TeV collisions

Run: 265545

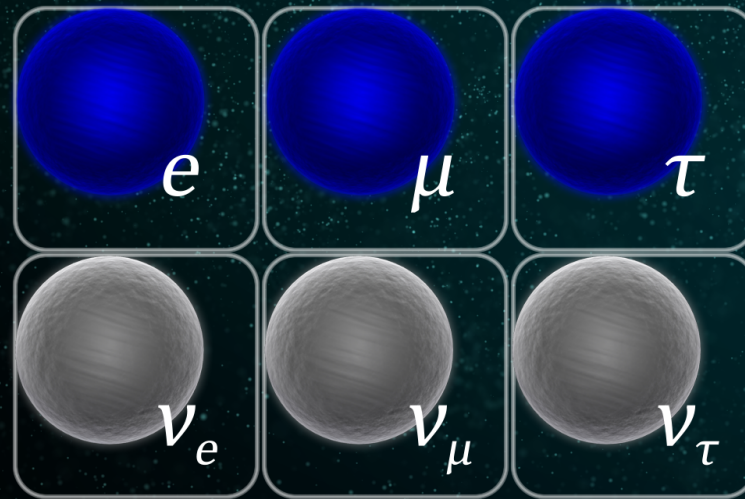
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2015-05-21 09:58:30 CEST

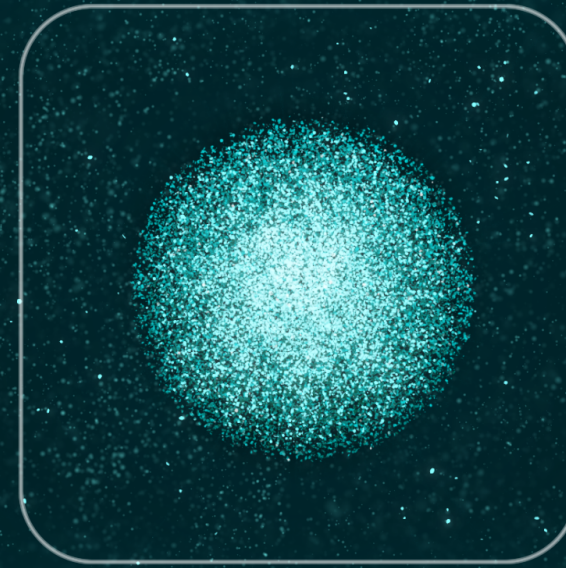
Il modello standard della fisica delle particelle



Quarks



Leptons



Higgs boson



Forces



ACCELERATING SCIENCE

