



#askCERN

Hangout with CERN: The Large Hadron Collider

8 November 2012







LHCb

ATLAS

CERN Meyrin

CERN Prévessin

SPS 7 km

ALICE

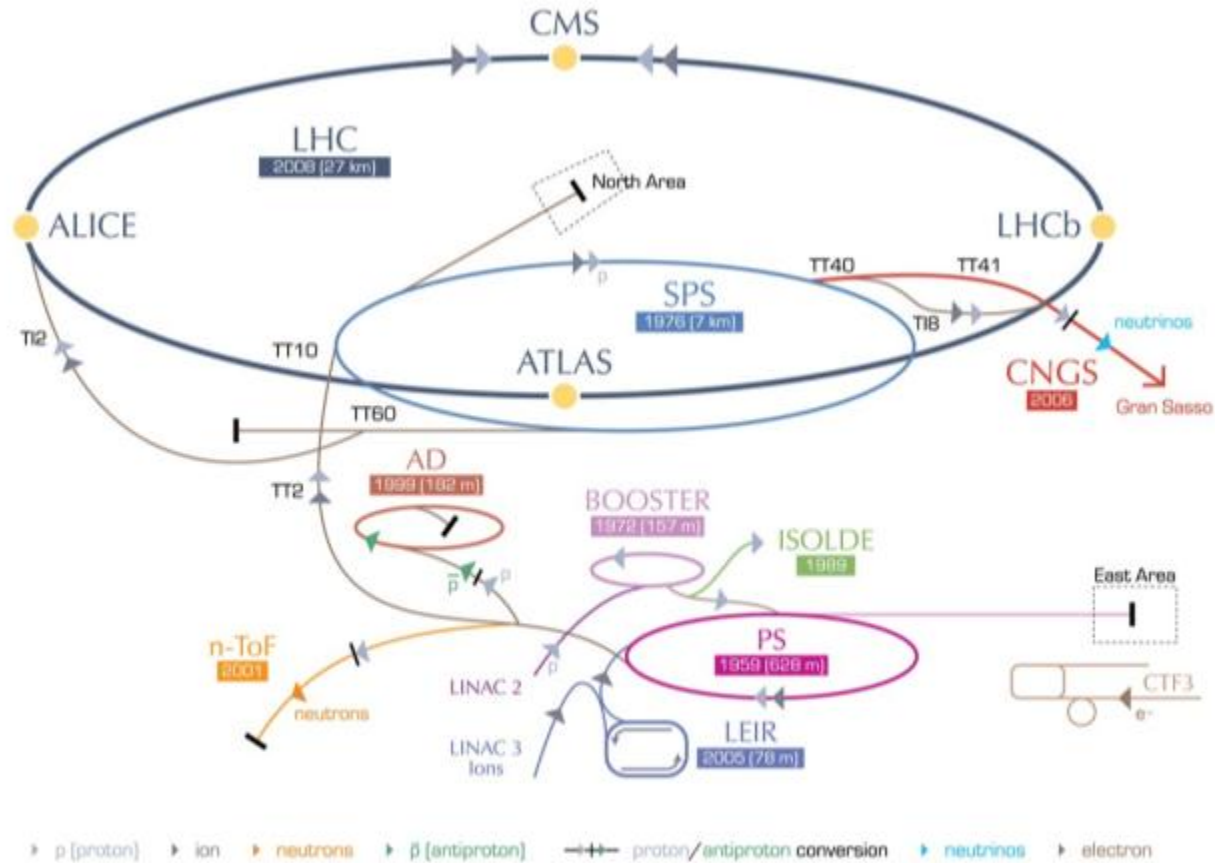
CMS

LHC 27 km

SUISSE

FRANCE

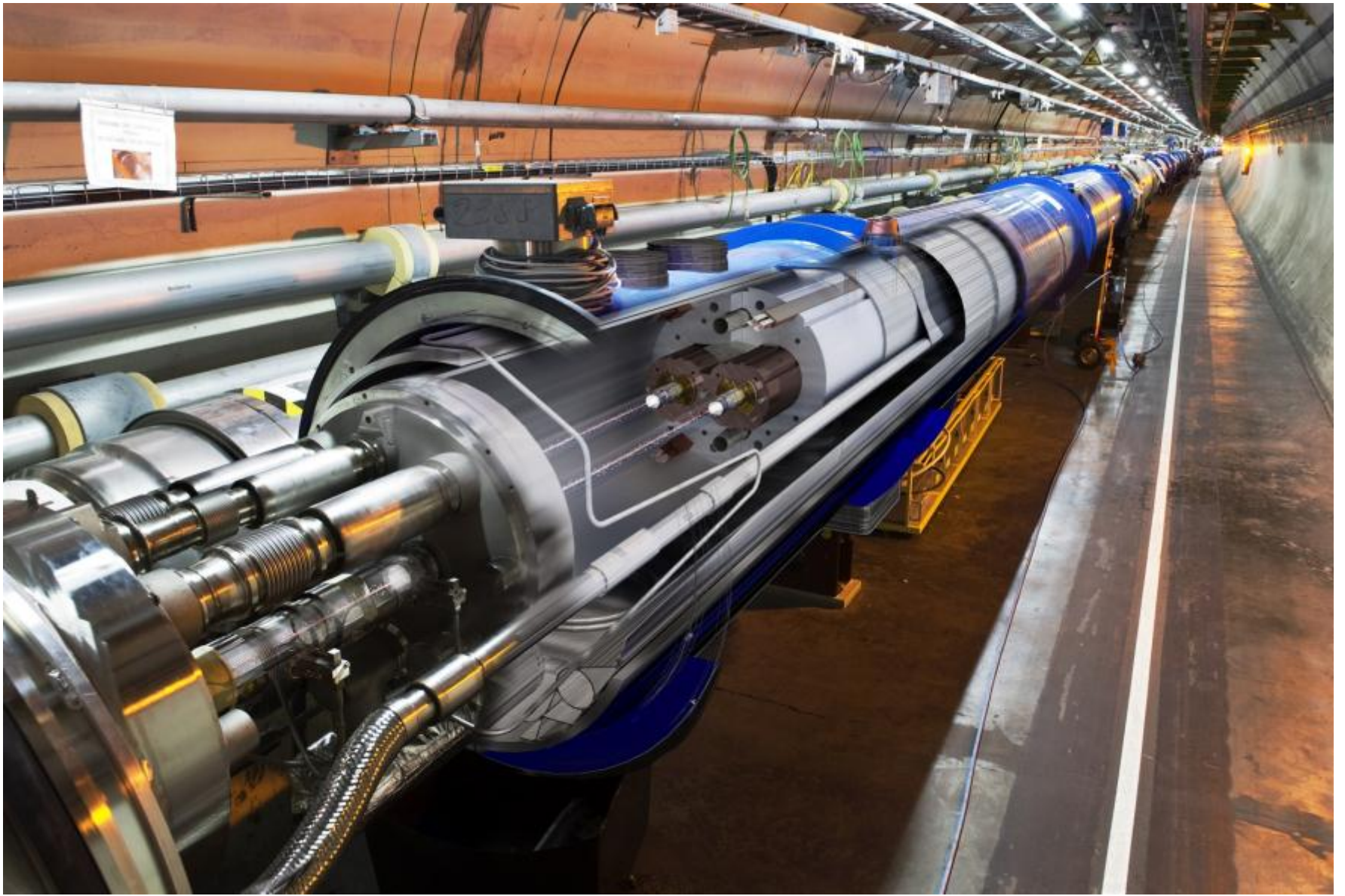
CERN's Accelerator complex

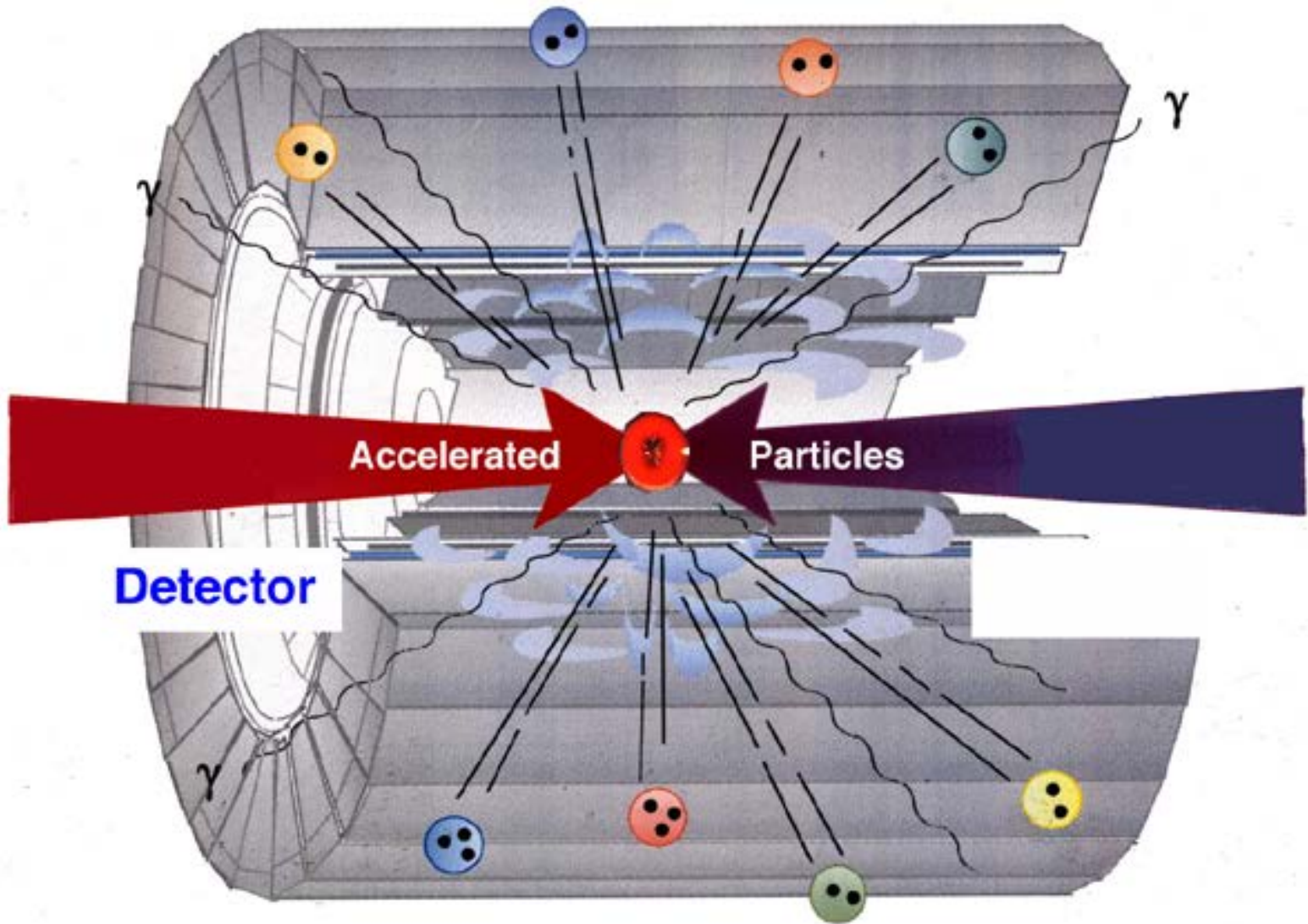


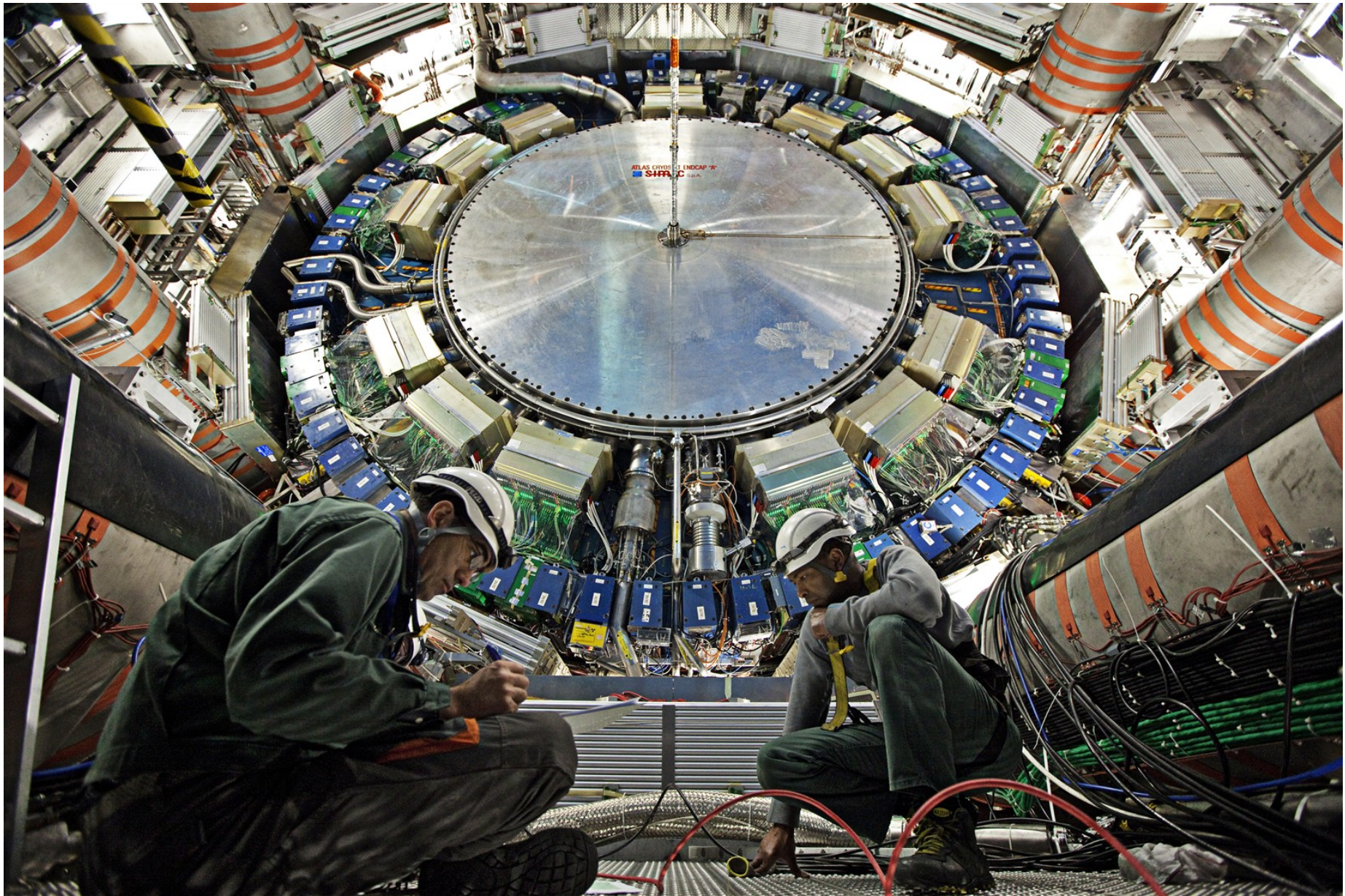
LHC Large Hadron Collider SPS Super Proton Synchrotron PS Proton Synchrotron

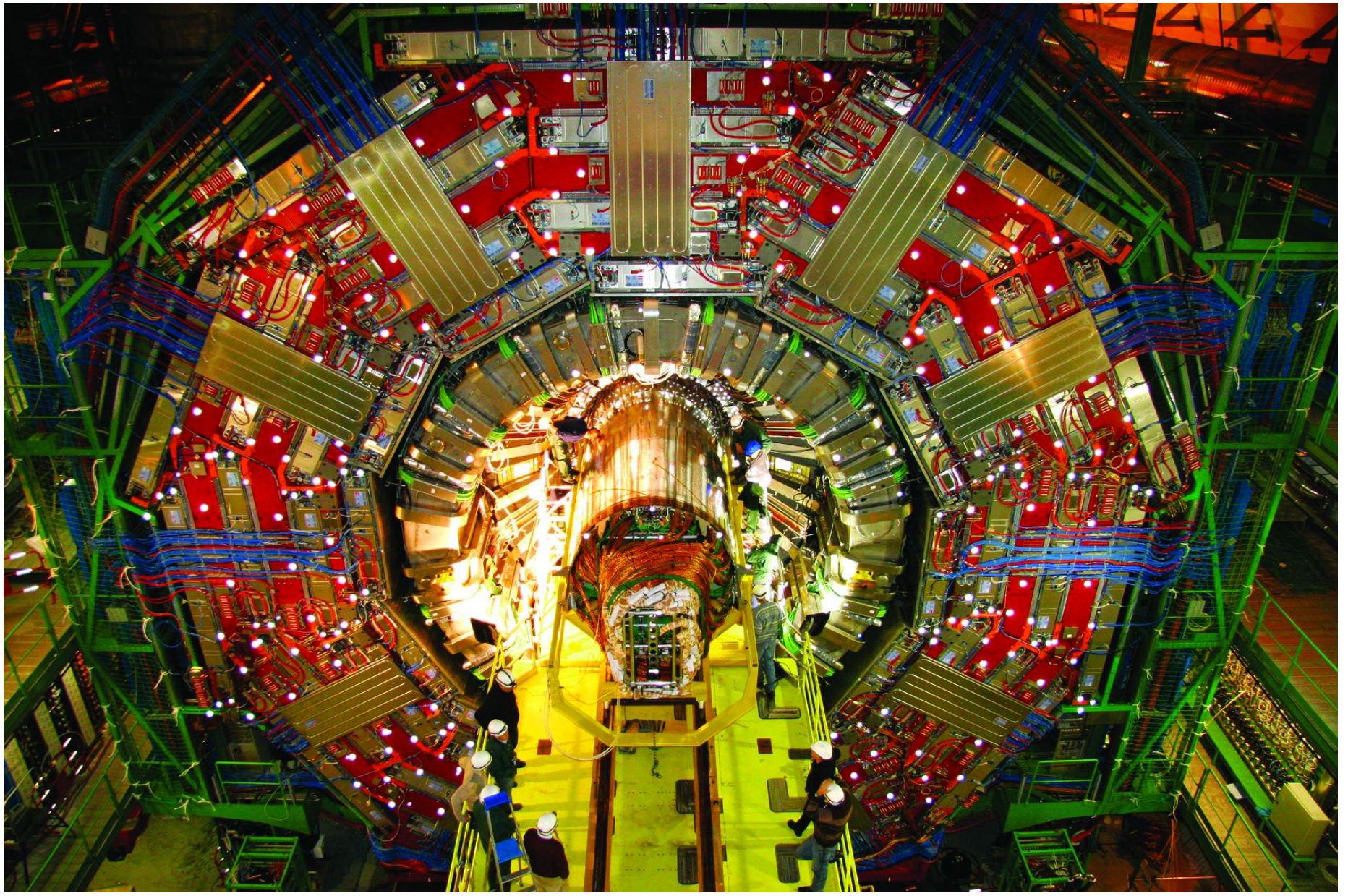
AD Antiproton Decelerator CTF3 Clic Test Facility CNGS Cern Neutrinos to Gran Sasso ISOLDE Isotope Separator OnLine DEvice
 LEIR Low Energy Ion Ring LINAC LINEar ACcelerator n-ToF Neutrons Time Of Flight

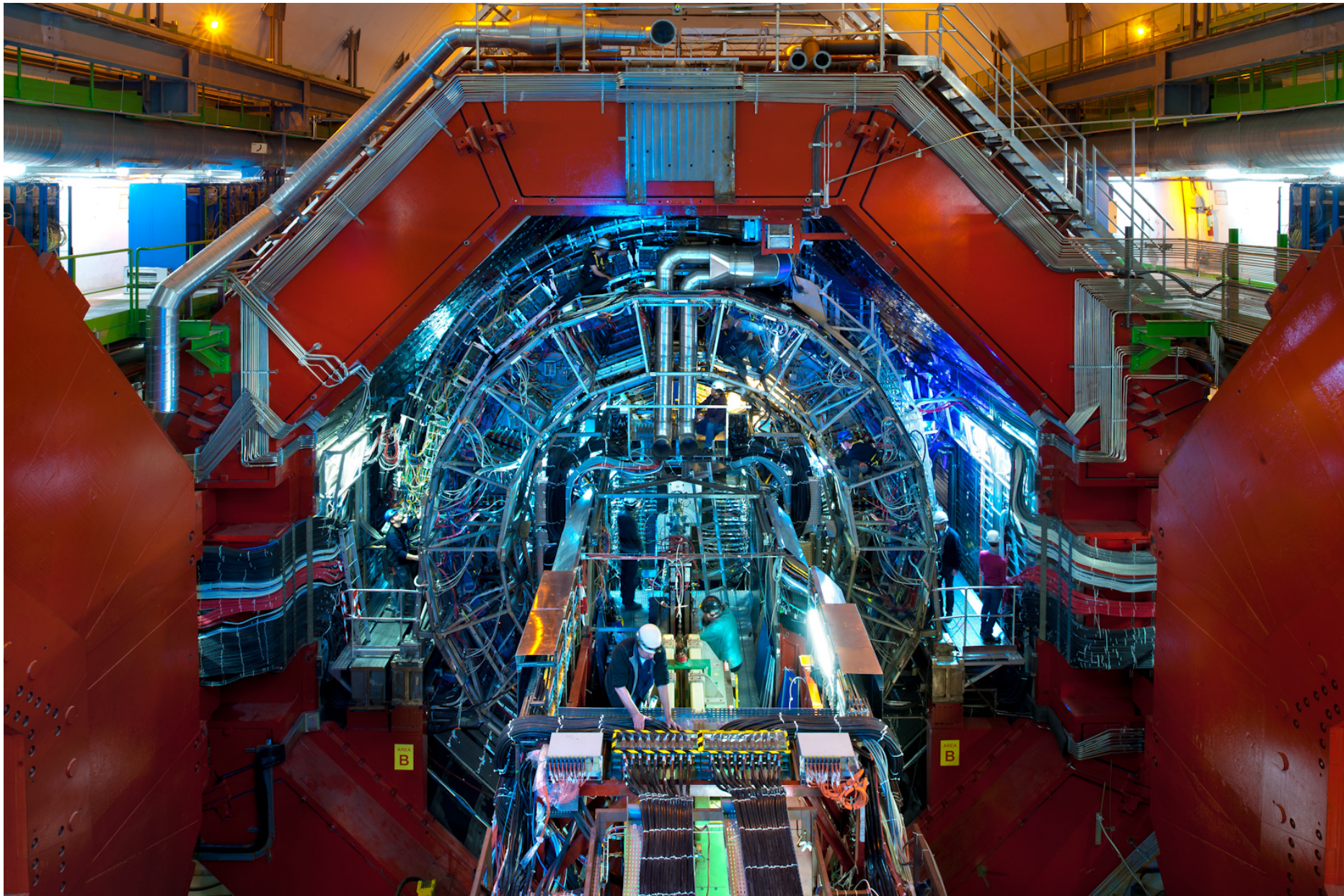


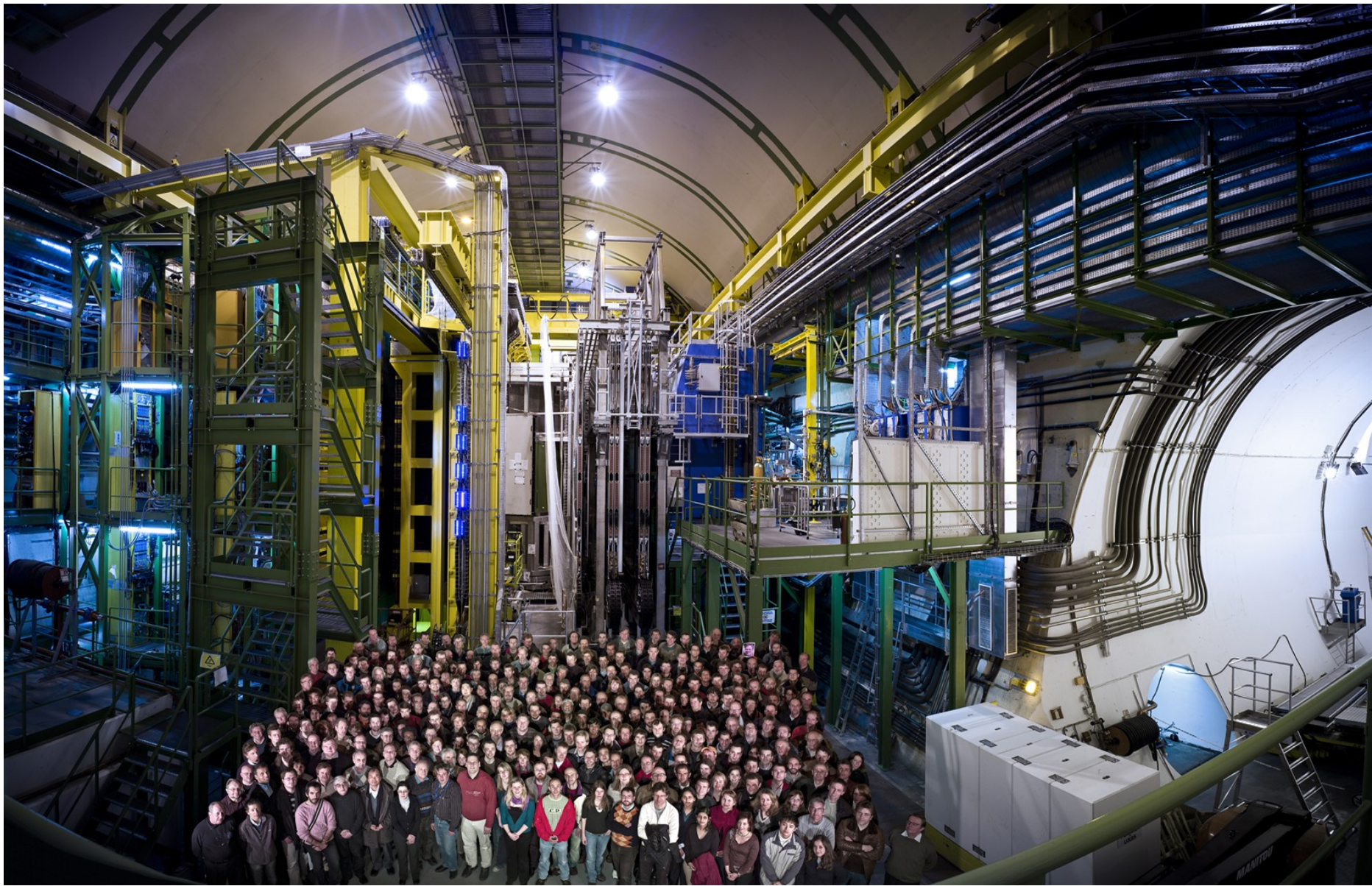












 **ATLAS**
EXPERIMENT

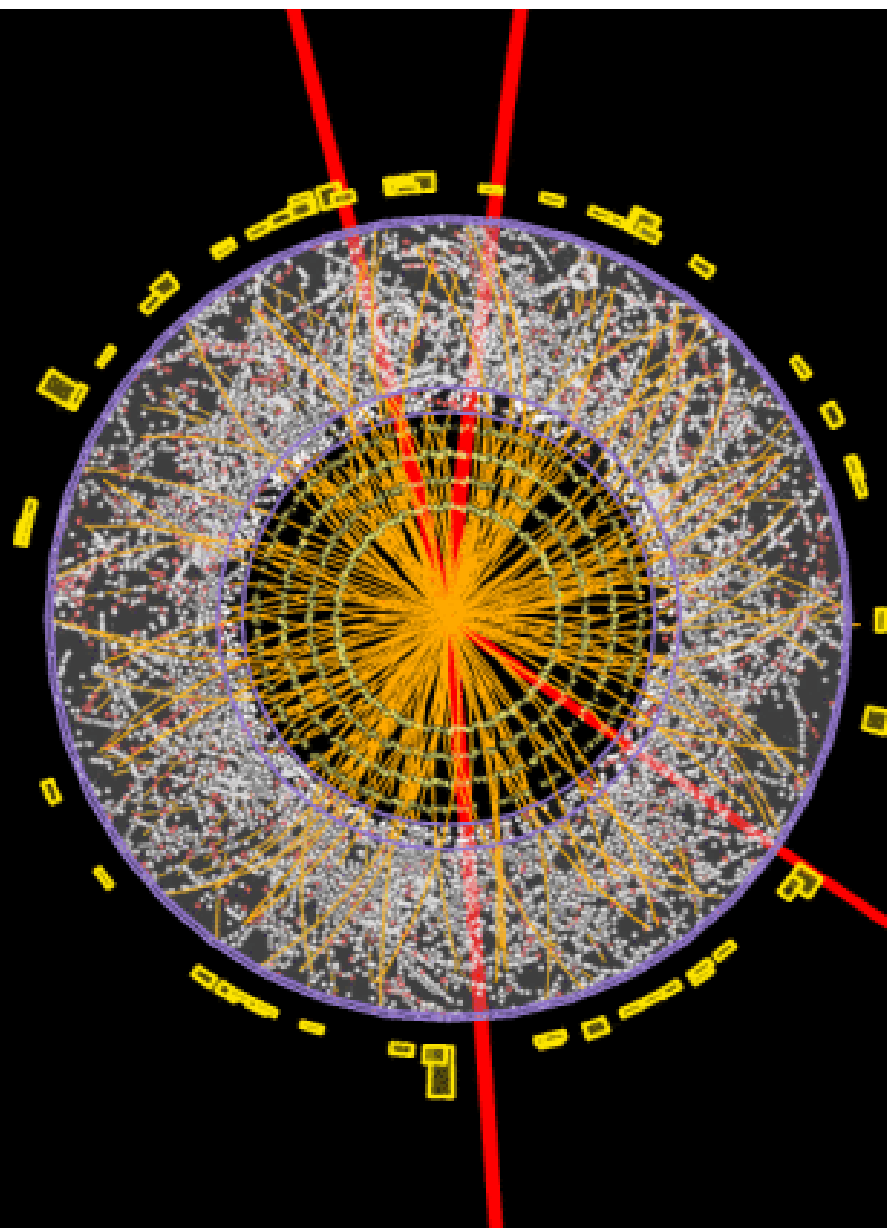
<http://atlas.ch>

Run: 204769

Event: 71902630

Date: 2012-06-10

Time: 13:24:31 CEST

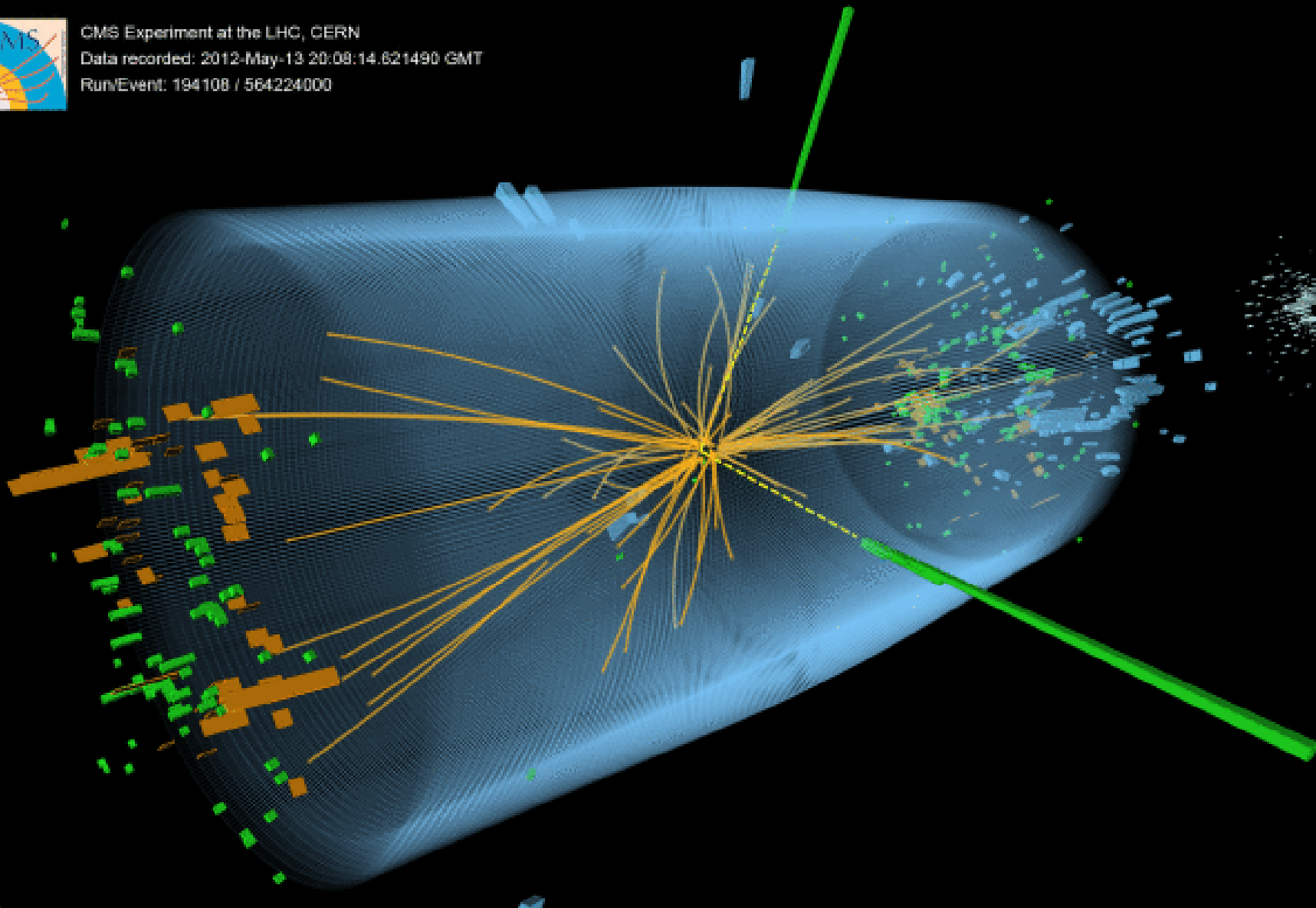


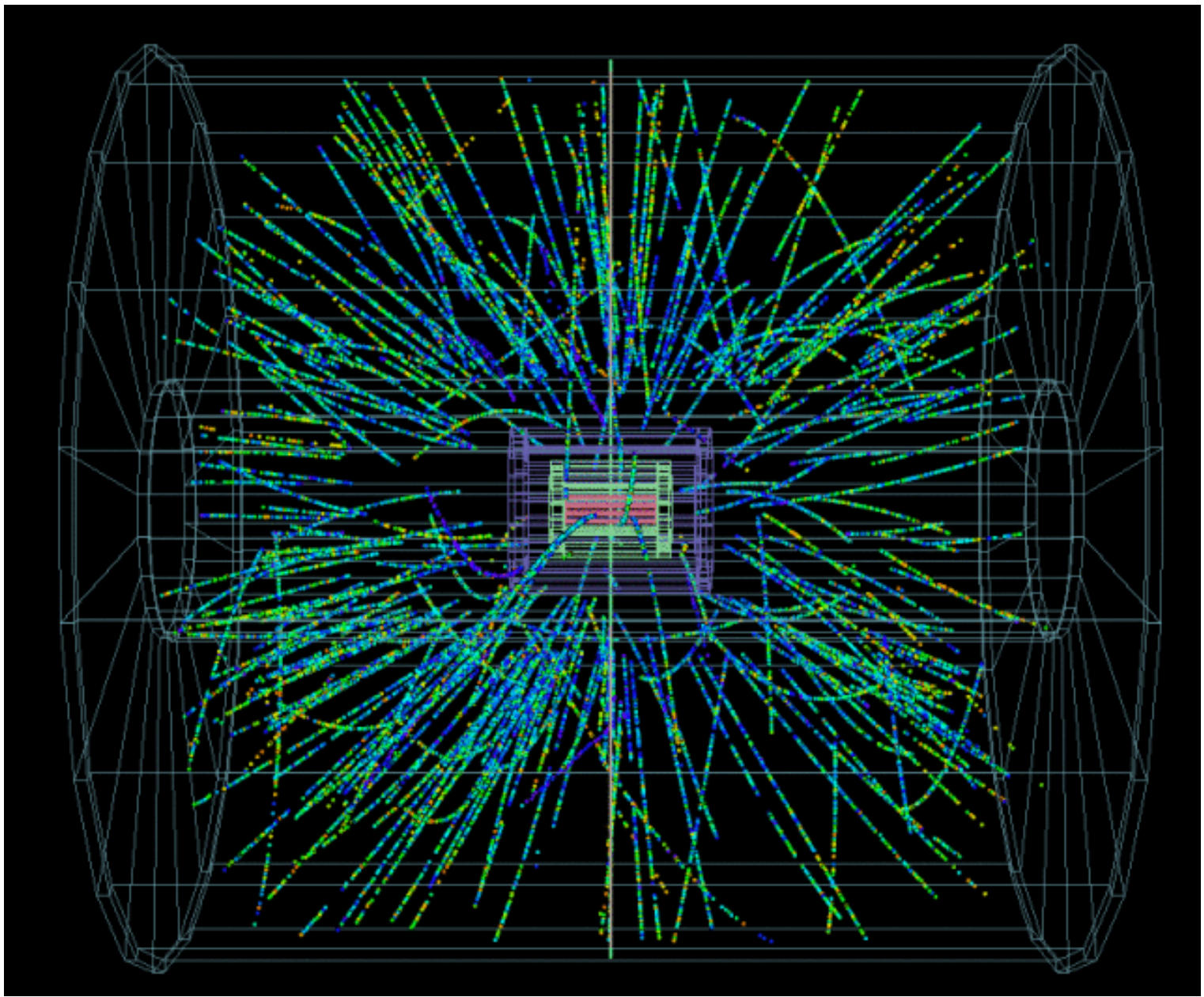


CMS Experiment at the LHC, CERN

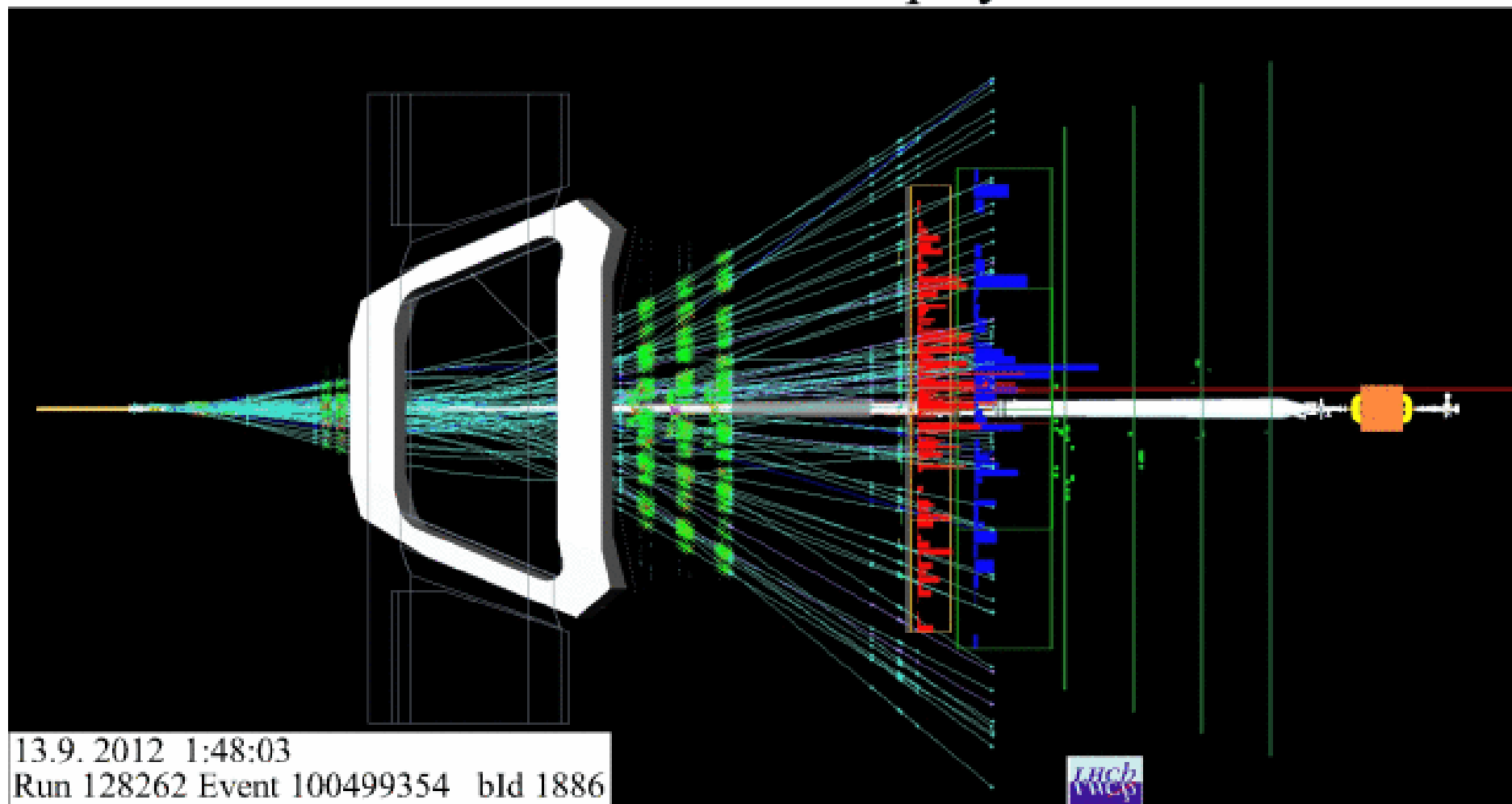
Data recorded: 2012-May-13 20:08:14.621490 GMT

Run/Event: 194108 / 564224000






LHCb Event Display



<http://cern.ch/LHCathome/>


CERN Accelerating science [Home](#) [Learn more!](#) [Sixtrack](#) [Test4Theory](#)



LHC@home

LHC@home is a platform for volunteers to help physicists develop and exploit particle accelerators like CERN's [Large Hadron Collider](#), and to compare theory with experiment in the search for new fundamental particles.

By contributing spare processing capacity on their home and laptop computers, volunteers may run simulations of beam dynamics and particle collisions in the [LHC's giant detectors](#).




The Sixtrack project
Help us to study the LHC machine and its upgrade to understand the fundamental laws of the universe.

[View details >](#)

The Test4Theory project
Help us on the research about the elusive Higgs particle with our virtual atom smasher.

[View details >](#)



Do you want to help?
You can! Become a volunteer scientist donating some CPU cycles.

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