European Strategy Update

Particle Physics in Serbia

Serbian scientists have an involvement with CERN that goes back to the very origins of the Organization: Yugoslavia was a founder Member State of CERN in 1954, and remained a Member State until 1961. Nevertheless, scientists from the former Yugoslavia continued to be involved with CERN.

Through the 1980s and 90s, Serbian physicists were active in the DELPHI experiment at CERN's LEP facility, and have long been active in the ISOLDE facility, which carries out a range of research from particle astrophysics to medical physics. Serbia formally rejoined CERN in 2001 through a Co-operation Agreement, leading to involvement in both the ATLAS and CMS experiments at the LHC. Serbian industry has successfully participated in the construction of both detectors, and Serbia is also active in GRID computing.

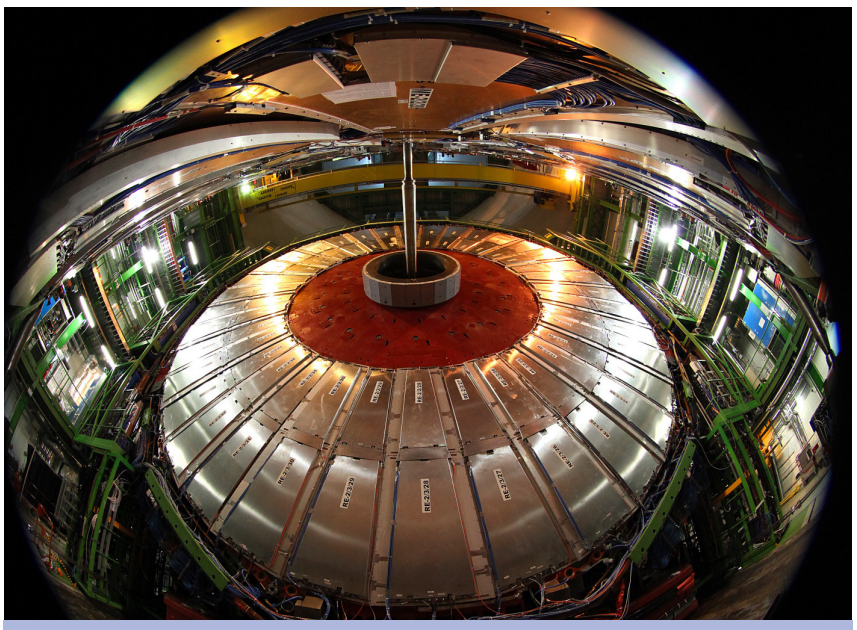
Since 15 March 2012, Serbia is an Associate Member in the pre-stage to Membership of CERN for a minimum period of 24 months. Following this period, CERN Council will decide on the admission of Serbia to full Membership, taking into account the recommendations of a task force to be appointed for this purpose.

Participation in CERN Experiments

- ATLAS, CMS, ACE, ISOLDE, NA61

Participation in CERN accelerator projects

WLCG Participation



CMS Experiment