European Strategy Update

Particle Physics in Romania

Romania entered into direct collaboration with CERN in the early 1990s. There has been considerable political will to get closer to CERN, and Romania has contributed well to LHC experiments: to ALICE - producing chips for the TRD, to ATLAS - via a contract with Romanian companies with an in-kind contribution to the Tile Calorimeter production, and to LHCb. Romania is also active in the WLCG and in EGEE.

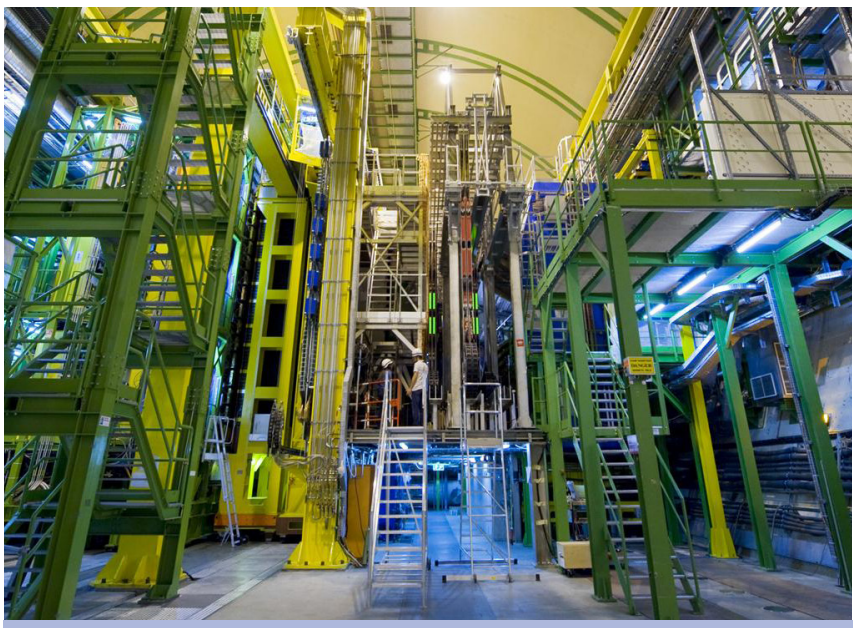
In recent years Romania has been constantly increasing its expenditure on R&D and this has been intensified since the accession of the country to the EU in January 2007. The attitude towards CERN within the HEP community has always been very positive, and the Government applied to join CERN. In December 2008, CERN Council granted Romania the status of Candidate for Accession to Membership, and on 11 February 2010 the Romanian Minister of Education, Research, Youth and Sport and CERN's Director General signed an agreement that formally recognises this status. On 13 October 2010, the agreement was ratified unanimously by the Romanian parliament. During a five-year period, the country's contributions will ramp up to normal Member State levels, in parallel with Romania's participation in CERN projects. In 2015, CERN Council will decide on Romania's application for full membership.

Participation in CERN Experiments

- ALICE, ATLAS, LHCb, DIRAC, ISOLDE

Participation in CERN accelerator projects

WLCG Participation Tier-2 centre



LHCb