

FALC - Seventeenth meeting held at CERN, Geneva, Switzerland on 19 June 2010

Meeting of Funding Agencies to Discuss the Status and Funding Prospects for Large Colliders

Public Note

1. The Seventeenth meeting of representatives from Canada (NRC), CERN (DG and President of Council), France (IN2P3), Germany (BMBW), India (TIFR), Italy (INFN), Japan (MEXT), Spain (CSIC), UK (STFC), and the US (DOE and NSF) was held at CERN on 19 June 2010. Also present were the Americas GDE Regional Director and the Chairs of ICFA and the ILCSC. Russia was represented by two, under “Observer Status” only. Rolf Heuer (CERN) and Walter Davidson (Canada), respectively, hosted and chaired the meeting.
2. FALC accepted an invitation to make a presentation about its work and mission to the Open Session of CERN Council on 18 June 2010. The presentation was well received and raised awareness of FALC in that community and beyond.
3. FALC reaffirmed its role as a venue for funding agencies to communicate with one another about their respective programs, plans, and issues related to future large projects in particle physics. These exchanges serve as precursor discussions for possible future multilateral projects.
4. In its deliberations, FALC devoted considerable attention to the issue of the definition of, and participation in, Global Projects. It was acknowledged that a facility must be open and accessible; that an official steward is required for the construction and operation of the facility; that intermediate scale projects need regional distribution; and that support must be distributed in such a manner that is perceived as equitable. Members discussed the value of in-kind contributions to the construction phase, which would involve industry. The issue of whether the operations costs of Global Projects should be shared or covered by the host nation was debated but without closure. The definition of a Global Project should be based beyond financial implications but also measured by intellectual content, e.g. knowledge-based contributions.
5. R. Petronzio gave a timely status report to FALC members about the scientific and geographical enlargement of CERN within the framework of the European Strategy Sessions of CERN Council. The Resolution embodied in the Green Paper on Geographical Enlargement of CERN had just been adopted on 16 June 2010 by CERN Council. This document’s purpose is to encourage states that already take part in CERN’s scientific program to establish more formal institutional links with the organization by becoming Member States or Associate States.
6. M. Harrison reported on progress on the ILC Global Design Effort, covering accelerator R&D, evolution of the technical design of the ILC baseline towards

completion in 2012, the timeline, and a post-2012 strategy. B. Foster gave an update on ILC governance issues, drew on the experience of cognate projects such as ALMA and ITER, and presented recommendations on legal status, management structure, agreements, in-kind contributions, contingency issues, and operating costs. J. Bagger gave a status report on the ILCSC citing the physics case, technical advances, strong community support, the importance of political engagement, the need for outreach, and the path forward.

7. FALC members were grateful to receive a series of status reports on the work of ICFA; LHC and the future Super LHC; J-PARC, KEK and Super KEKB (Japan); Project-X (US); SuperB (Italy); and the field of astroparticle physics.
8. The next (18th) FALC meeting will be held at SLAC, California on 21-22 January 2011.

WFD