

## Accelerators for the future

*Monday, November 6, 2017 10:30 AM (1 hour)*

Speaker: Dr JM Jimenez (CERN)

After a quick introduction of the technological challenges of the high-energy frontiers, an overview of the High Energy Physics (HEP) plans as discussed in the last update of the Europeans Strategy on Particle Physics is given in the frame of the Worldwide strategy. CERN response is detailed by going through the road map with its three main scientific pillars: full exploitation of the LHC, scientific diversity programme and preparation of CERN future.

Each of the three individual pillars is illustrated with detailed examples covering all technological domains and highlighting the priority given to breakthrough technologies.