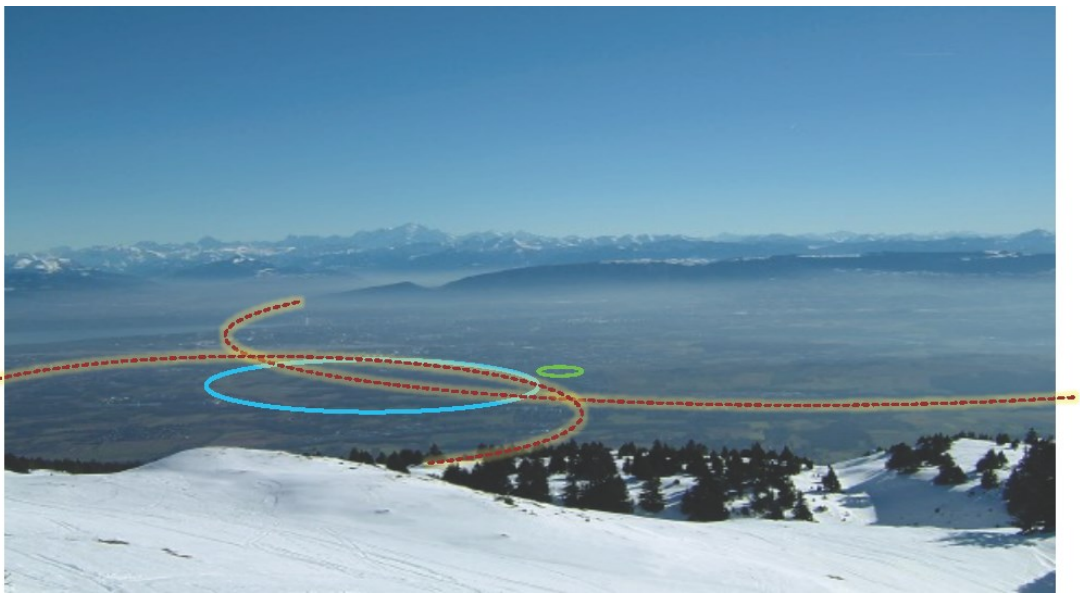
DESY

Particle and Astroparticle Physics Colloquium

Future hadronic colliders.

Tuesday, 6 March 2018, DESY Auditorium,16:45 h

Michelangelo Mangano *(CERN)*



The LHC results have redefined the boundary conditions for the discussion of future HEP facilities. On one side, the discovery of the Higgs and the knowledge of its mass clearly define the needs, the challenges and the prospects of future precise measurements of its properties. On the other, the lack on new physics signals stimulates reconsideration of theoretical scenarios, and opens a broad discussion of the best ways to move forward. I will informally review these issues, and put them in the perspective of the physics potential of a future generation of hadronic colliders, as discussed in the context of CERN's FCC study.

- **Coffee, tea and cookies will be served at 16:30h**
- **After the colloquium there is a chance for private discussions with the speaker over wine and pretzels**

Accelerators | Photon Science | Particle Physics

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