

Particle Physics at CERN

Monday 13 May 2019 10:30 (30 minutes)

The current experimental programme of CERN is dominated by the operation and upgrades of the Large Hadron Collider (LHC) and its four major experiments. After a short introduction to CERN as an organisation and its scientific programme, the talk will discuss the basic principles of experimental particle physics and illustrate the use of accelerators and detectors to study the microcosm of particles and fields. Despite the spectacular discovery of the long-searched Higgs boson, answers to several fundamental questions are still to be found.

Presenter: JORAM, Christian (CERN)

Session Classification: Overview talks