



Contribution ID: 77

Type: **Oral Presentation**

The Large Hadron Collider and Experiments

The Large Hadron Collider Project (LHC) at CERN is one of the largest and most ambitious scientific experiments ever conducted. Planning for and operation of the accelerator and its many experiments has spanned several decades, and will span several more. This talk focuses on the technological details of how the accelerator and the major particle detection systems function. It also covers some of the instrumentation upgrades planned in the near future.

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Session Classification: Nuclear and Particle physics

Track Classification: Nuclear and particle physics