

LHCb physics and prospects

Friday, 30 May 2014 10:00 (0:30)

Collaboration

LHCb

Abstract content

The LHCb detector is a single-arm forward spectrometer optimized to study hadrons containing charm and beauty quarks. The detector has recorded about 3 fb^{-1} of data during 2011 and 2012 operations of the Large Hadron Collider. In the talk, we present a description of the detector, a selection of latest and most important physics results, and we discuss as well the future and upgrade plans for the detector.

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Session Classification : Plenary Session