

Overview of first ATLAS results with LHC 2010 data and prospects for 2011

Wednesday, 8 December 2010 17:25 (45 minutes)

This presentation will cover some highlights of the first physics results obtained with the ATLAS detector during the LHC operation in 2010 with proton-proton collisions at 7 TeV centre-of-mass energy and during the recently completed first heavy-ion operation with lead-lead ions colliding at 2.76 TeV per nucleon. The first Standard Model measurements will be covered as well as first results from searches for new phenomena. Prospects for 2011 will also be covered with some emphasis on the search for the Higgs boson.

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