2014 CAP Congress / Congrès de l'ACP 2014



Contribution ID: 41

Type: Invited Speaker / Conférencier invité

Standard Model Measurements with the ATLAS Detector

Monday 16 June 2014 13:45 (30 minutes)

The ATLAS experiment at the Large Hadron Collider includes a large program of Standard Model measurements covering a wide range of interactions and final state topologies including jets, charged leptons, and photons. Measurements of Standard Model processes are essential for comparison with theoretical calculations and modeling. This talk will present the latest results from ATLAS using data collected in 2011 and 2012 at energies of 7 and 8 TeV. The topics studied include QCD studies, top quark physics, and vector boson production.

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Session Classification: (M1-4) Energy Frontier: Standard Model and Higgs - PPD / Frontière d'énergie: modèle standard et boson de Higgs - PPD

Track Classification: Particle Physics / Physique des particules (PPD)