



Contribution ID: 39

Type: **not specified**

New results from ATLAS supersymmetry searches with 2010 data (15' + 5')

Friday 10 June 2011 18:10 (20 minutes)

This talk presents the latest searches for signals of Supersymmetry in the data collected in 2010 by the ATLAS experiment in LHC collisions at a centre-of-mass energy of 7 TeV. The first study looks for a signal in the di-photon plus large missing energy final state while the second is a search, based on the muon spectrometer, for long-lived stable massive particles. No excess was observed and limits, most stringent to date, are set in both cases.

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Session Classification: 5D Parallel - Higgs and Susy