



Contribution ID: 33

Type: **Talk**

Searches for electroweak production of SUSY particles with the ATLAS detector

Monday 4 July 2016 17:50 (20 minutes)

Many supersymmetry models feature gauginos and also sleptons with masses less than a few hundred GeV. These can give rise to direct pair production rates at the LHC that can be observed in the data sample recorded by the ATLAS detector. The talk presents recent searches results obtained by the ATLAS collaboration, including interpretations of the run 1 searches in a reduced sector of parameter space of the phenomenological pMSSM, and in General Gauge Mediation models.

Author: GIGNAC, Matthew (University of British Columbia (CA))

Presenter: GIGNAC, Matthew (University of British Columbia (CA))

Session Classification: Experimental and Collider Aspects of SUSY

Track Classification: Experimental and Collider Aspects of SUSY