Contribution ID: **152** Type: **Talk**

Searches for the electroweak production of supersymmetric particles with the ATLAS detector

Friday, 31 July 2020 11:15 (15 minutes)

Analyses at the LHC are becoming increasingly sensitive to the direct production of electroweak SUSY particles, such as charginos, neutralinos, and sleptons, with important consequences on our understanding of dark matter and the naturalness of the Higgs mass. This talk will present the latest results from searches for electroweak SUSY production using data collected with the ATLAS experiment in Run 2 at the LHC. Several different signatures are explored with varying lepton multiplicities, and the results are interpreted as constraints on a variety of SUSY models.

I read the instructions

Secondary track (number)

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