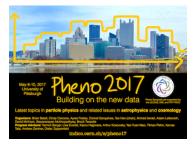
Phenomenology 2017 Symposium



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Searches for electroweak production of supersymmetric gauginos and sleptons with the ATLAS detector

Monday, 8 May 2017 16:45 (15 minutes)

Supersymmetry models with light electroweak sparticles are well motivated by naturalness and have less stringent exclusion limits on the supersymmetric particle masses than strong production. ATLAS searches for electroweak production of supersymmetric particles in a number of channels, which include multiple leptons and therefore benefit from lower numbers of background process events. Results are presented here for searches using $\sqrt{s} = 13$ TeV ATLAS data collected in 2015 and the most recent findings are summarised.

Summary

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