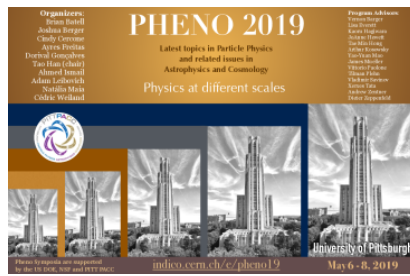


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Inclusive searches for squarks and gluinos with the ATLAS detector

Monday 6 May 2019 16:45 (15 minutes)

Despite the absence of experimental evidence, weak-scale supersymmetry remains one of the best-motivated and studied Standard Model extensions. This talk summarises recent ATLAS results on inclusive searches for supersymmetric squarks and gluinos, including third-generation squarks produced in the decay of gluinos. The searches involve final states containing jets, missing transverse momentum with and without light leptons, taus or photons, and were performed with pp collisions at a centre-of-mass energy of 13 TeV.

Summary

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