

Phenomenology 2018 Symposium



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Searches for strong production of supersymmetry in CMS

Monday 7 May 2018 14:45 (15 minutes)

At the LHC, searches for the pair production of strongly-interacting supersymmetric particles profit from high cross sections, and mass limits set in the context of simplified models reach up to about 2 TeV for gluinos, and 1-1.5 TeV for squarks. The talk will cover searches based on pp collisions recorded at $\sqrt{s} = 13$ TeV with the CMS experiment in final states with 0, 1, 2, or more leptons, and significant missing transverse energy.

Summary

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