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ATLAS Run1 Constraints on the Electroweak Sector of SUSY

Tuesday 17 June 2014 14:45 (15 minutes)

We present searches targeting electroweak production of supersymmetric particles in proton-proton collisions at the Large Hadron Collider with the Run1 data collected by the ATLAS detector.

We review the limits on the masses of these supersymmetric particles and their production cross-section in the context of simplified models and the phenomenological Minimal Supersymmetric Standard Model.

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