

Recent searches for electroweak production of SUSY particles and third generation SUSY particles with CMS

Thursday 18 July 2024 15:38 (17 minutes)

A wide variety of searches for Supersymmetry have been performed by experiments at the Large Hadron Collider. In this talk, we focus on searches for electroweak production of Supersymmetric particles as well as third generation Supersymmetric particles. Some analyses are optimized for Supersymmetric particles in compressed spectra. The results are obtained from the proton-proton collision data with luminosity up to 138 fb⁻¹ at the center of mass energy of 13 TeV collected during the LHC Run 2.

Alternate track

I read the instructions above

Yes

Primary authors: CMS; LAZAROVITS, Margaret Rose (The University of Kansas (US))

Presenter: LAZAROVITS, Margaret Rose (The University of Kansas (US))

Session Classification: Beyond the Standard Model

Track Classification: 03. Beyond the Standard Model