XXVI International Workshop on Deep Inelastic Scattering and Related Subjects



Contribution ID: 37 Type: not specified

[Cancelled] Searches for electroweak production of supersymmetry at CMS

Results of searches for the direct production of sleptons, charginos and neutralinos are presented. Sensitivity to these low cross section modes has been obtained based on the first large dataset of pp collisions recorded by the CMS experiment at sqrt(s) = 13 TeV. The searches are typically performed in final states with two or more leptons. In order to obtain sensitivity to compressed mass spectra as they are expected in higgsino production, they have been extended to include events with low momentum leptons. Decays of neutralinos via a Higgs boson are covered by searches for events with pairs of photons or b jets.

Primary author: CMS COLLABORATION

Presenter: CMS COLLABORATION

Session Classification: WG3: Higgs and BSM Physics in Hadron Collisions

Track Classification: WG3: Higgs and BSM Physics in Hadron Collisions