

26th International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY2018)



Contribution ID: 66

Type: **Talk (closed)**

Search for strong production of supersymmetry in final states with one or more leptons with CMS

Monday 23 July 2018 16:00 (20 minutes)

Searches for the pair-production of colored supersymmetric particles in events with one or more isolated leptons are presented. The results cover different scenarios of gluino and squark production. The leptons can originate from the decays of vector bosons or supersymmetric lepton partners produced in the decay chain. The results are based on proton-proton collisions recorded at $\sqrt{s} = 13$ TeV with the CMS detector.

Parallel Session

Supersymmetry: Models, Phenomenology and Experimental Results

Author: MELZER-PELLMANN, Isabell (Deutsches Elektronen-Synchrotron (DE))

Presenter: MELZER-PELLMANN, Isabell (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Supersymmetry: Models, Phenomenology and Experimental Results