



Contribution ID: 571

Type: **Poster Presentation**

Search for EWK Production of SUSY in Final States with Multiple Leptons at the CMS Experiment at the CERN LHC

Supersymmetry is able to solve a number of questions the celebrated standard model of particle physics has left unresolved. Particle collision experiments such as CMS, located at the CERN LHC, perform searches for the existence of supersymmetry in proton-proton collisions in a variety of different final states. In this poster, the results of the search for electroweak production of SUSY in final states with two leptons of the same charge or multiple leptons with the full 2016 dataset collected by the CMS detector is presented.

Experimental Collaboration

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Session Classification: Poster session

Track Classification: Higgs and New Physics