



Contribution ID: 61

Type: **Talk**

Search for supersymmetry in events with two or more leptons in pp collisions at 13 TeV at CMS

Monday, July 4, 2016 4:50 PM (20 minutes)

A search for supersymmetry is performed using events with two or more isolated leptons and jets in the final state using the CMS detector. Results are based on a sample of proton-proton collisions at a centre-of-mass energy of 13 TeV at the LHC corresponding to an integrated luminosity of 2.3 fb⁻¹. Constraints are set on the gluino and sbottom pair production cross section; model independent limits and selection efficiencies are also provided for additional model testing.

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Session Classification: Experimental and Collider Aspects of SUSY

Track Classification: Experimental and Collider Aspects of SUSY