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Search for electroweak production of supersymmetry at CMS

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We present searches for pair production of supersymmetric partner of tau-leptons, and of partners of electroweak gauge bosons in events with at least one tau-lepton and missing transverse momenta produced in proton-proton collision data recorded by the CMS experiment during the LHC Run2 operations. The results are interpreted in terms of simplified models of supersymmetry production and decay of these of these particles.

Primary author: MEYER, Arnd (Rheinisch Westfaelische Tech. Hoch. (DE))

Presenter: DUTTA, Valentina (Univ. of California Santa Barbara (US))

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