

## Search for Supersymmetric gauge boson partners and sleptons - CMS Experiment

*Tuesday 21 May 2019 14:50 (15 minutes)*

Results from the CMS experiment are presented for searches for supersymmetric electroweak gauge bosons and for direct production searches for supersymmetric lepton partners. A variety of electroweak production channels are considered with results presented for different final state decays. The searches use proton-proton collision data with luminosity up to  $137 \text{ fb}^{-1}$  recorded by the CMS detector at center of mass energy 13 TeV during the LHC Run 2.

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**Session Classification:** Supersymmetry: Models, Phenomenology and Experimental Results

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