

Combination of CMS SUSY searches and interpretation in the pMSSM

Thursday 27 August 2015 15:00 (20 minutes)

We interpret CMS new physics search results within the context of SUSY models, such as natural simplified models and the phenomenological MSSM (pMSSM), a generic 19-dimensional parametrization of the MSSM at the SUSY scale that captures most of the MSSM's phenomenological features. Searches in various final state topologies are included, and up to 20 fb⁻¹ of data from the 8TeV LHC run are included in the interpretations.

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Session Classification: SUSY Expt. and Phenomenology

Track Classification: Supersymmetry Phenomenology and Experiment