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## Search for SUSY at CMS in leptonic final states ( $15' + 5'$ )

*Friday 10 June 2011 17:50 (20 minutes)*

We present results of searches for Supersymmetry in signatures involving one or more leptons. These searches are performed with data collected by the CMS experiment at the LHC in pp-collisions at a center of mass energy of 7 TeV. Various data driven techniques used to measure the Standard Model background are demonstrated. The results are interpreted within the CMSSM as well as more general, simplified models.

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**Session Classification:** 5D Parallel - Higgs and Susy