



**HEP 2013
Stockholm
18-24 July 2013**



Contribution ID: 149

Type: **Poster Presentation**

Search for Supersymmetry in Gauge Mediated Supersymmetry breaking scenarios

In this talk, the latest results from CMS on searches for Supersymmetry with GMSB in final states with photons and leptons are presented using up to 20/fb of data from the 8 TeV LHC run of 2012. The experimental results are interpreted in terms of weak as well as strong production of SUSY particles, followed by cascade decays to a Gravitino as lightest supersymmetric particle.

Primary author: Dr BORRAS, Kerstin (Deutsches Elektronen-Synchrotron (DE))

Presenter: AUTERMANN, Christian (Rheinisch-Westfaelische Tech. Hoch. (DE))

Track Classification: Higgs and New Physics