



HEP 2013
Stockholm
18-24 July 2013



Contribution ID: 361

Type: **Poster Presentation**

Supersymmetry search with two same-sign leptons and jets with the ATLAS detector in $\sqrt{s}=8$ TeV pp collision data.

A search for the production of supersymmetric particles decaying into final states with jets, b-jets, missing transverse momentum and two isolated leptons, e or mu, with the same electric charge (same-sign leptons) is presented. The analysis uses a data sample collected during 2012, which corresponds to a total integrated luminosity of 20.3 fb⁻¹ of $\sqrt{s} = 8$ TeV proton–proton collisions recorded with the ATLAS detector at the LHC.

Presenter: Otilia Ducu (Horia Hulubei National Institute, Romania)

Primary author: DUCU, Otilia Anamaria (Horia Hulubei National Institute of Physics and Nuclear Engineering)

Presenter: DUCU, Otilia Anamaria (Horia Hulubei National Institute of Physics and Nuclear Engineering)

Track Classification: Higgs and New Physics