



ID de Contribution: 50

Type: YSF (Young Scientists Forum)

## Search for supersymmetry in events with same-sign dileptons, jets and missing transverse momentum with the ATLAS detector

*vendredi 8 mars 2013 19:38 (5 minutes)*

A search for the production of supersymmetric particles decaying into final states with jets (b-tagged or not), missing transverse momentum and two isolated leptons, e or mu, of the same sign is presented. The analysis uses a data sample collected during 2012, which corresponds to a total integrated luminosity of 21 fb<sup>-1</sup> of  $\sqrt{s} = 8$  TeV proton-proton collisions recorded with the ATLAS detector at the Large Hadron Collider.

**Auteur principal:** MAURER, Julien (CPPM)

**Orateur:** MAURER, Julien (CPPM)

**Classification de Session:** Young Scientist Forum

**Classification de thématique:** Experiment