
Contribution ID: **119** Type: **not specified**

# Inclusive searches for squarks and gluinos with the ATLAS detector

*Wednesday, April 18, 2018 4:50 PM (20 minutes)*

Despite the absence of experimental evidence, weak scale supersymmetry remains one of the best motivated and studied Standard Model extensions. This talk summarises recent ATLAS results on inclusive searches for supersymmetric squarks and gluinos, including third generation squarks produced in the decay of gluinos. The searches involve final states containing jets, missing transverse momentum with and without light leptons, taus or photons, and were performed with pp collisions at a centre-of-mass energy of 13 TeV.

**Primary author:** LEBLANC, Matt (University of Arizona (US))

**Co-author:** REBUZZI, Daniela (Universita e INFN, Pavia (IT))

**Presenter:** LEBLANC, Matt (University of Arizona (US))

**Session Classification:** WG3: Higgs and BSM Physics in Hadron Collisions

**Track Classification:** WG3: Higgs and BSM Physics in Hadron Collisions