

Supersymmetry searches at the ATLAS experiment

Friday, 14 December 2018 12:30 (30)

Supersymmetry represents an important theory in physics Beyond the Standard Model which postulates a symmetry between fermions and bosons, and introduces a new set of particles at the electroweak scale. An overview of recent results in SUSY searches using strong, electroweak, third generation production, R-parity violation models, and long lived particles, using 13 TeV Run 2 ATLAS data will be presented. Emphasis will be given to models related to neutrino physics, such as the Bilinear R-parity violation (bRPV) model, where the results of 8 TeV searches will be shown.

Primary author(s) : MAMUZIC, Judita (IFIC/CSIC)

Presenter(s) : MAMUZIC, Judita (IFIC/CSIC)

Session Classification : Session 10