



LHC Seminar

SPEAKER: Alaettin Serhan Mete

TITLE: **Searches for supersymmetry with electroweak and third generation squark production at ATLAS**

DATE: 23 May 2017, 11:00

PLACE: 222-R-001 - Filtration Plant

ABSTRACT

Searches for supersymmetric sleptons, neutralinos and charginos, and top and bottom squarks, have been conducted taking advantage of the large pp collision dataset recorded by ATLAS in 2015 and 2016 at a centre-of-mass energy of 13 TeV. These searches provide constraints on the most natural SUSY scenarios. The seminar will present the latest results from these searches, interpreted considering R-Parity conserving and violating supersymmetry scenarios.