



Contribution ID: 7

Type: Oral

Searches for new heavy particles using the ATLAS detector

Many theories beyond the Standard Model predict new phenomena, such as Z prime, W prime bosons, scalars, KK gravitons, heavy leptons, supersymmetry, in final states with high- p_T objects such as leptons, photons and jets. Searches for new physics with such signatures are performed using the ATLAS experiment at the LHC. The most recent 13 TeV pp results with the full LHC Run 2 dataset will be reported.

Primary authors: ATLAS SPEAKER TO BE SELECTED; PORTILLO QUINTERO, Dilia María (TRIUMF (CA))

Presenter: PORTILLO QUINTERO, Dilia María (TRIUMF (CA))