



Contribution ID: 489

Type: Poster

Search for chargino pair-production and chargino-neutralino production with \tilde{C} -Parity Violating decays in pp collisions at $\sqrt{s} = 13$ TeV with ATLAS

A search is presented for chargino pair-production and chargino-neutralino production, where the almost mass-degenerate chargino and neutralino each decay via \tilde{C} -Parity-violating couplings to a boson ($\tilde{C}\tilde{C}\tilde{C}$) and a charged lepton or neutrino. This analysis searches for a trilepton invariant mass resonance in data corresponding to an integrated luminosity of 139 fb^{-1} recorded in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector at the Large Hadron Collider at CERN.

Author: FLORES, Lucas Macrorie (University of Pennsylvania (US))

Presenter: FLORES, Lucas Macrorie (University of Pennsylvania (US))

Session Classification: Beyond Standard Model

Track Classification: Beyond Standard Model Physics