

The logo for DPF-PHENO 2024 features the text "DPF-PHENO 2024" in a bold, sans-serif font. The text is white and set against a blue background that has a subtle, light-colored cloud-like pattern.

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

Monday 13 May 2024 14:45 (15 minutes)

A search is presented for the pair-production of charginos and the production of a chargino and neutralino in a supersymmetric model where the near mass-degenerate chargino and neutralino each decay via R -parity-violating couplings to a Higgs boson and a charged lepton or neutrino. This analysis searches for a Higgs-lepton 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.

Plenary (Invited talks only)**Mini Symposia (Invited Talks Only)**

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