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Type: **Poster presentation**

ATLAS searches for Higgsinos with R-parity violating couplings in events with leptons

Wednesday 7 September 2022 19:10 (20 minutes)

Searches for Supersymmetry through the direct production of Higgsinos decaying into final states with leptons and b-jets are presented. The two analyses are performed using 139fb⁻¹ of the 13 TeV pp collision data collected with the ATLAS detector. The data-driven and Monte Carlo based methods used to estimate the Standard Model and detector backgrounds are discussed, as well as the shortcuts of each method. Finally, the results in selected signal regions, and some exclusion limits, are presented illustrating the significant improvement over the previous exclusion limits.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

ATLAS

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

Maybe

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Session Classification: Poster Session