

# The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)



Contribution ID: 178

Type: **not specified**

## Muon $g-2$ in SUSY scenarios with unstable neutralinos

Wednesday 29 June 2022 16:20 (20 minutes)

We investigate the possibility to explain the observed discrepancy between the observed value of anomalous magnetic moment of a muon and Standard Model predictions. We start by reviewing MSSM and confront it with the latest experimental constraints from LHC and DM experiments. Next, we move on to unorthodox scenarios in which neutralinos are unstable. We consider R-parity violation and GMSB scenarios, and we find out the parameter space for which SUSY can explain muon  $g-2$  and simultaneously evade current experimental constraints.

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**Session Classification:** SUSY: Phenomenology and Experiment