

26th International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY2018)



Contribution ID: 189

Type: **Talk (closed)**

The fate of the Littlest Higgs Model with T-parity under 13 TeV LHC Data

Wednesday 25 July 2018 14:50 (20 minutes)

Little Higgs models are a class of models to solve the hierarchy problem by protecting the Higgs mass at one loop with the help of global symmetries.

We were studying the constraints by recasting the most prominent SUSY signatures like jets (and leptons) plus missing transverse energy.

In order to relax bounds from direct detection searches for dark matter we also consider the collider phenomenology for the case of T-parity violation.

Furthermore, we give prospects for the high-luminosity runs of the LHC.

Parallel Session

Alternatives to Supersymmetry

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Session Classification: Alternatives to Supersymmetry