

Searches for supersymmetry in R-parity violating signatures at the LHC

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R-parity violation introduces many viable signatures to the search for supersymmetry at the LHC. The decay of supersymmetric particles can produce leptons or jets, while removing the missing transverse momentum signal common to traditional supersymmetry searches. The talk presents recent results from searches of supersymmetry in these unusual signatures of R-parity violation with the ATLAS and CMS detectors.

Presenter: MONTEJO BERLINGEN, Javier (CERN)

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