



Contribution ID: 412

Type: **not specified**

Searches for R-parity violating SUSY with the CMS detector

Thursday 26 August 2021 22:35 (20 minutes)

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 CMS detector.

Author: MADRID, Christopher (Fermi National Accelerator Lab. (US))

Presenter: MADRID, Christopher (Fermi National Accelerator Lab. (US))

Session Classification: Supersymmetry: Models, Phenomenology and Experimental Results

Track Classification: Supersymmetry: Models, Phenomenology and Experimental Results