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## Searches for R-Parity Violating SUSY at ATLAS and CMS

*Thursday, 23 July 2015 15:30 (12 minutes)*

The violation of R-parity allows new signatures to be pursued in the search for supersymmetry at the LHC. This talk presents the latest results from the ATLAS and CMS experiment using 20/fb of pp LHC collision data of searches for R-parity violating SUSY scenarios with baryon and lepton number violation. The results presented are for dedicated searches for resonances, as well as a systematic analysis of the constraints placed on R-parity violating models with lepton flavour violation, and in terms of production of squarks, gluinos, charginos, neutralinos, and sleptons within R-parity violating SUSY models.

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