



Contribution ID: 57

Type: **not specified**

## Searches for RPV SUSY via LQD couplings at CMS Experiment

*Tuesday, August 4, 2015 5:00 PM (15 minutes)*

Unlike the most traditional SUSY searches, there exist many SUSY models that do not produce large missing transverse momentum (MET), such as compressed spectra, long live particles, stealth SUSY, and R-parity violating (RPV) models. Searches for RPV model via the LQD couplings have been performed at CMS experiment, using LHC Run I data, in event signatures of two opposite sign same flavor dileptons (electrons, muons, taus), and at least two or five jets, and low MET. No top squarks were observed during Run I, and the most recent limits for these channels will be presented. A first look at searches at the LHC Run II will be also shown.

### Oral or Poster Presentation

Oral

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**Session Classification:** BSM Physics

**Track Classification:** BSM Collider