

## Searches for supersymmetry with the CMS experiment in Run-2 data

*Friday 17 May 2019 14:20 (25 minutes)*

In this talk, the latest results from the CMS collaboration on searches for supersymmetric particles with the run-2 data are presented. The talk focuses on searches that have analyzed the full run-2 data set collected during the LHC pp collision runs of 2016, 2017, and 2018, as well as new search ideas using only a partial run-2 data set.

Searches for both strong and electroweak produced supersymmetry will be shown and different search approaches will be discussed.

### Preferred Session

Collider Physics

### Comments

**Author:** WEBER, Hannsjorg (Fermi National Accelerator Lab. (US))

**Presenter:** WEBER, Hannsjorg (Fermi National Accelerator Lab. (US))

**Session Classification:** LHC