



Contribution ID: 143

Type: **Contributed Talk**

Searches for supersymmetry in final states with photons at CMS

Thursday, 26 March 2020 09:30 (20 minutes)

Most recent results on searches for supersymmetric (SUSY) particles decaying to final states containing high energy photon(s) are presented. The searches are based on data collected at the center-of-mass energy of 13 TeV in proton-proton collisions recorded by the CMS detector. Photons may arise directly from a decay of a SUSY particle or due to the decay of a Higgs boson created in the SUSY decay chain. The studies consider several interpretations in both the weak and the strong production channels.

Primary author: MAJOR, Peter (Eotvos Lorand University)

Presenter: MAJOR, Peter (Eotvos Lorand University)

Session Classification: Electroweak Physics and Beyond the Standard Model

Track Classification: Electroweak Physics and Beyond the Standard Model