



Contribution ID: 99

Type: **not specified**

## **Search for supersymmetry in events with a photon, a lepton and missing transverse momentum with the CMS detector**

*Tuesday, May 16, 2017 3:40 PM (20 minutes)*

A search for supersymmetry in final states with a photon, lepton, and missing transverse momentum (MET) is presented. This final state is motivated by generalized models of gauge-mediated supersymmetry breaking with a wino-like next-to-lightest supersymmetric particle. Results are presented and interpreted using simplified supersymmetric models.

### **Summary**

**Primary author:** SUN, Menglei (Carnegie-Mellon University (US))

**Presenter:** SUN, Menglei (Carnegie-Mellon University (US))

**Session Classification:** Posters