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## **Searches for supersymmetry in events with photons at CMS**

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### **Summary**

We present searches for new physics in events with one or more photons and missing transverse momentum produced in proton-proton collision data recorded by the CMS experiment during the LHC Run2 operations (2016). The results of four searches are statistically combined and interpreted in the context of gauge-mediated supersymmetry models.

**Presenter:** SCHULZ, Johannes (Rheinisch Westfaelische Tech. Hoch. (DE))

**Session Classification:** Poster Session (Mon/Tue)

**Track Classification:** Collider – Beyond Standard Model Searches