

## Second International Conference on the Physics of the Two Infinities



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### **Search for resonant di-Higgs production in channels involving diphoton at CMS**

The  $H \rightarrow \gamma\gamma$  decay channel provides a clean final-state topology that allows the mass of a Higgs boson to be reconstructed with high precision. This presentation will show the latest results of the search for resonant di-Higgs production where one of the Higgs bosons decays to diphoton, using CMS data.

**Auteur:** COLLABORATION, CMS

**Orateur:** COLLABORATION, CMS