

# Measurements of Higgs boson properties in the diphoton decay channel (CMS)

*Friday, 21 December 2018 15:45 (15 minutes)*

Measurements of Higgs boson properties in the  $H \rightarrow \gamma\gamma$  decay channel are presented. The measurements include Higgs's signal strength relative to the standard model prediction, signal strengths associated with the different Higgs boson production mechanisms, couplings to bosons and fermions, effective couplings to photons and gluons, fiducial cross sections and simplified template cross sections. All results are consistent, within their uncertainties, with the expectations for the Standard Model Higgs boson.

## Type

Parallel talk

## Sessions (parallel only)

Higgs

**Primary author:** Mr TAO, Junquan (IHEP/CAS)

**Presenter:** Mr TAO, Junquan (IHEP/CAS)

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