

## Higgs 2021



Contribution ID: 109

Type: **Parallel Sessions**

# Recent results in the $H \rightarrow WW$ channel at CMS

*Thursday, 21 October 2021 16:20 (10 minutes)*

We present recent results on the cross section measurement of the Higgs boson production using  $WW$  decays and the corresponding constraints on the Higgs boson couplings, as well as constraints on new physics models derived from high mass searches. The talk is focused on the recent measurements exploiting the full Run 2 proton-proton collision data collected by the CMS detector.

**Primary author:** CMS

**Presenter:** SEIDITA, Roberto (Universita e INFN, Firenze (IT))

**Session Classification:** Parallel: Precision and Properties

**Track Classification:** Higgs-boson precision physics