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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.

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Track Classification: Higgs-boson precision physics