

# XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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## Recent $H \rightarrow WW$ results using CMS data

*Tuesday, 24 March 2020 09:20 (20 minutes)*

We present recent results on the analysis of Higgs to  $WW$  decays and the corresponding constraints on the Higgs couplings. Focus is concentrated on the recent differential analysis of the Higgs boson transverse momentum and associated production of hadronic jets exploiting the full Run 2 statistics. Recent constraints on new physics models derived from high mass searches in the  $WW$  channel are also presented.

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**Session Classification:** Electroweak Physics and Beyond the Standard Model

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