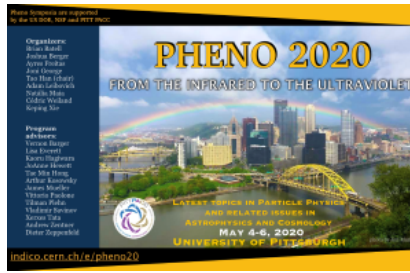


Phenomenology 2020 Symposium



Contribution ID: 978

Type: **Parallel Talk**

Recent Higgs boson measurements in the WW final state using CMS data

Tuesday, 5 May 2020 18:15 (15 minutes)

The latest CMS results on the Higgs boson decays to a W boson pair are presented. The focus of the talk are the inclusive and differential cross section measurements performed using the full Run2 data collected by the CMS detector at LHC, as well as the constraints on the Higgs boson couplings to fermions and vector bosons arising from the simultaneous measurement of different production mechanisms. Recent constraints on BSM models arising from high mass resonance searches in the WW channel are also presented.

Summary

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Presenter: Mr HOH, Siewyan (University of Padova)

Session Classification: Higgs III

Track Classification: Higgs