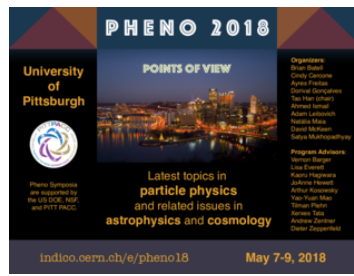


Phenomenology 2018 Symposium



Contribution ID: 551

Type: parallel talk

Measurements of Higgs couplings at CMS

Monday 7 May 2018 16:30 (15 minutes)

The measurement of the Higgs boson's production and decay rates and its couplings to vector bosons and fermions, based on the data collected by the CMS experiment in proton-proton collisions at a center-of-mass energy of 13 TeV, delivered by the CERN LHC in 2016, corresponding to an integrated luminosity of 35.9 fb^{-1} , is presented. Several parametrizations and interpretations of the results are considered. All the measurements are in agreement, within the uncertainties, with the Standard Model predictions, in all the parametrizations considered.

Summary

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Session Classification: Higgs I