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Measurement of properties of Higgs boson decaying to pairs of W and Z bosons at 13 TeV with the CMS experiment

The studies on the properties of Higgs boson in H->ZZ->4l (l = e, μ) and H->WW->eνμν decay channels based on the data collected with the CMS experiment in Run2 are presented. The reported results include studies of the Higgs boson production modes using H->ZZ and H->WW decay channels, as well as measurements of the Higgs boson mass, signal strength, fiducial differential cross sections for its production in pp collisions, and anomalous HZZ couplings in H->ZZ decay channel.

Experimental Collaboration

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Session Classification: Poster session

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