

Measurements on Higgs boson width and anomalous couplings with on-shell and off-shell production in ZZ decay channel at CMS experiment

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The width and the structure of its couplings to the known SM particles is very important to determine whether 125GeV Higgs is the SM Higgs boson. The off-shell technique provides unique way to measure the Higgs boson width and probe the small anomalous couplings which are allowed in SM. In this talk, a recent measurement on the Higgs width and anomalous couplings with the ZZ decay channel is presented.

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Primary author: WANG, Hanwen (Beihang University)

Presenter: WANG, Hanwen (Beihang University)

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