

Phenomenology 2021 Symposium



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Recent HH results (resonant and non-resonant) in CMS

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The recent searches for non-resonant and resonant Higgs pair production with various final states are presented. The analyses are performed using data collected by Compact Muon Solenoid detector with the proton-proton collisions at 13 TeV centre-of-mass energy during the Run2 period. The non-resonant analyses emphasise the results of the cross-section for Higgs pair production and various coupling parameters. For the resonant analyses, the model-independent approach is used, and the status of resolved and boosted topologies is reported together with their BSM models' implication.

Summary

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