

Phenomenology 2023 Symposium



Contribution ID: 246

Type: not specified

Non-resonant di-Higgs searches in $bbtt$, $bbgg$, $bbZZ$, $bbWW$, $WWgg$, and multilepton final states at CMS

Tuesday 9 May 2023 14:15 (15 minutes)

We discuss the latest status of searches for nonresonant di-Higgs production with the CMS detector. In addition to the analysis strategy and limits on the production cross section of this process, constraints on the Higgs boson self-coupling and the coupling between two Higgs bosons and two vector bosons will be presented.

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Session Classification: SM III