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Non-resonant di-Higgs searches at CMS

We present the latest results from the CMS experiment on searches for non-resonant di-Higgs production. In addition to an overview of the different channels that have been probed, we present constraints on the Higgs-boson self-coupling, the quartic coupling between two Higgs bosons and two vector bosons, as well as on anomalous interactions that affect the production of a pair of Higgs bosons. The latter are presented in the context of an effective field theory framework.

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