

Di-Higgs searches at CMS

Thursday 18 July 2024 14:47 (17 minutes)

The measurement of the production of Higgs boson pairs (HH) at the LHC allows the exploration of the Higgs boson interaction with itself and is thus a fundamental test of the Standard Model theory and has a key role in the determination of the Higgs boson nature. The most recent results from the CMS collaboration on measurements of non-resonant HH production using different final states and their combination using the data set collected by the CMS experiment at a centre of mass energy of 13 TeV will be presented.

Alternate track

I read the instructions above

Yes

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Session Classification: Higgs Physics

Track Classification: 01. Higgs Physics