

Results on BSM Higgs boson searches at CMS (Run 1 and Run 2)

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Summary

Recent results on BSM scalar boson searches and their interpretations in different BSM models will be presented. The first results of searches for high-mass scalar bosons with 13 TeV data will be presented, already extending slightly the mass reach of LHC Run 1 at 8 TeV. The summary of Run 1 high-mass searches will also be shown. Recent results of searches for BSM decays of the $m_H = 125$ GeV scalar will be presented. BSM production of H boson pairs will be discussed. Eventually, recent searches for invisible decays of scalar bosons will also be shown.

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