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Searches for BSM Higgs bosons with CMS

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Many searches for BSM Higgs bosons have been carried out with the CMS detector at LHC. The analysis is based on pp collision data collected at centre-of-mass energies of 7 and 8 TeV corresponding to integrated luminosities of 5/fb and 20/fb respectively. Several different extensions of the Standard Model are considered such as 2HDM, MSSM, NMSSM and so on. No evidence of BSM Higgs bosons, in addition to the discovered SM-like 126 GeV Higgs boson, has been found and exclusion limits in the different models have been derived

Primary author: GROTHE, Monika (University of Wisconsin (US))

Presenter: DU PREE, Tristan Arnoldus (Universite Catholique de Louvain (UCL) (BE))

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