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## Searches for MSSM and NMSSM Higgs bosons with the CMS detector

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Several searches for Higgs bosons have been carried out with the CMS detector at LHC. The analyses are 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. Some of them can be interpreted in the framework of the MSSM and NMSSM Supersymmetric models. Given that no evidence of Higgs bosons, in addition to the discovered SM-like 126 GeV Higgs boson, has been found, exclusion limits have been derived.

### Summary

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