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Higgs Boson Searches Beyond the Standard Model from ATLAS and CMS

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The latest results of Higgs boson searches beyond the Standard Model are reviewed from the ATLAS and CMS experiments. This includes searches for additional neutral, charged and double charged Higgs-like bosons, searches for dark matter produced in association with a Higgs boson and searches for new physics in Higgs boson pair production processes. Exotic Higgs boson decays are addressed as well. Interpretations are given in the hMSSM, a special parameterization of the Minimal Supersymmetric extension of the Standard Model in which the mass of the lightest Higgs boson is set to the LHC measured 125 GeV.

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