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Search for non-SM Higgs at CMS

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Results are presented on the search for the non-Standard Model Higgs production and decays, including neutral Higgs to a pair of tau leptons, charged Higgs studies and the production of double charged Higgs bosons decaying into a pair of like single charged leptons. Also a search for a low mass a_0 decaying into a muon pair is reported. The full data sample of 4.7 fb^{-1} of pp collisions collected in 2011 with the CMS experiment at the LHC have been analysed. The search results are translated into 95% exclusion limits for the Higgs boson, as a function of the Higgs mass.

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