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Search for the SM Higgs in bb , $\tau\tau$, WW and ZZ decay channels at CMS

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Results are presented on the search for the Standard Model Higgs decaying into two b-quarks, two tau leptons, two W bosons, with each boson decaying into a charged lepton and a neutrino, and two Z bosons, with one of the Z bosons decaying into charged leptons, and the second one into jets, neutrinos or tau leptons. The full data sample of 4.7 pb^{-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 function of the Higgs mass.

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