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Search for the SM Higgs in the to two photon and two Z to four lepton decay channels at CMS

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Results are presented on the search for the Standard Model Higgs decaying into two photons or into two Z bosons, with each Z boson decaying into a pair of charged leptons. The full data sample of 4.7/fb 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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Collaboration Name
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