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Search for SM Higgs decaying to ZZ to ll qq or ll vv at CMS

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Results are presented on the search for the standard model Higgs boson decaying into two Z bosons, with one boson decaying into a pair of charged leptons, either muons or electrons, and the other boson decaying in neutrinos or jets. The full data sample of 4.7 fb⁻¹ of pp collisions collected in 2011 at a CM energy of 7 TeV with the CMS experiment have been analyzed, as well as a significant fraction of the 2012 luminosity delivered so far at the new energy of 8 TeV.

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