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The study for a Higgs boson decaying into ZZ to four charged leptons and into WW in the final states of two leptons and two neutrinos in CMS

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The most recent CMS results on the search for the Standard Model Higgs boson in the ZZ channel, where the Z bosons decay into two charged leptons each (including taus), and in the WW channel, where the W bosons decay into two leptons and two neutrinos, using the full dataset recorded at the LHC from pp collisions at center of mass energies of 7 and 8 TeV, will be presented.

The measured Higgs boson properties, such as the mass and spin, will be discussed.

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