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Search for the Standard Model Higgs boson in WH -> WWW -> 3l3nu with CMS data at LHC

We will present results on the search for the associated Higgs (WH) production with Higgs boson decaying into a pair of W bosons. The analysis is performed using the LHC data recorded with the CMS detector at a centre of mass energy of 7 and 8 TeV, corresponding to a total integrated luminosity of 24.4 fb-1. Candidates are selected in events with three leptons, electrons or muons, large missing energy and low hadronic activity. No significant excess of events above the standard model background expectation is observed. The observed and expected upper limits for the Higgs Boson cross section at 95% confidence level will be presented.

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