

ICHEP2012



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## **Search for SM Higgs decaying to $WW$ and $WW$ production cross section measurement at CMS**

*Saturday 7 July 2012 18:00 (1 hour)*

Results are presented on the search for the standard model Higgs boson decaying into two W bosons, with each W boson decaying into a charged lepton and a neutrino. The full data sample of 2012 luminosity delivered so far at the new energy of 8 TeV has been analyzed.  $WW$  production cross section is also presented.

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**Session Classification:** Poster Session

**Track Classification:** Track 1 - The Standard Model and EW Symmetry Breaking - Higgs Searches