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## Search for Higgs decaying to tau tau 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 tau leptons, using both leptonic and hadronic decays of the tau. The sample are split into various categories to enhance the search sensitivity. The full data sample of 4.7 fb<sup>-1</sup> of pp collisions collected in 2011 with the CMS experiment at a CM energy of 7 TeV 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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