

Updated measurements of the Higgs-like boson at 125 GeV in the two photon decay channel

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Thursday, April 18 ❖ 4:00 P.M. ❖ 415 NSH

Year 2012 was marked by the discovery of a new boson at the LHC at CERN, one of the golden decay channels used for the search being the decay to two photons. After the discovery, more pp interaction data were collected which added more insight to the properties of the newly discovered state. This seminar will show the preliminary results obtained by the CMS collaboration in the $H \rightarrow \gamma\gamma$ decay channel on the full dataset collected during 2011 and 2012 at 7 and 8 TeV respectively. The search is performed in the mass range 110 to 150 GeV and results are interpreted in the context of the Standard Model.