

Search for the Standard Model Higgs boson in the dilepton plus a photon channel at 13 TeV with CMS

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This poster presents the search for a Higgs boson decaying into dileptons plus a photon. This topology has contributions from Z boson and a photon or two photons, one of which has an internal conversion into a lepton pair. This is one of the important rare Higgs decay channels and can be used to probe new physics as well. The results with the data collected by the CMS detector at the LHC from proton-proton collisions at 13TeV in 2016 will be shown.

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