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Search for non-resonant Higgs boson pair production in the $b\bar{b}\gamma\gamma$ final state at CMS

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In this talk, the latest results from CMS for the search for non-resonant Higgs boson pair production in the final state with two b-quarks and two photons is presented. The analysis uses the full CMS Run 2 dataset and shows significant improvement from the previous CMS search, resulting in one of the most sensitive limits on non-resonant di-Higgs production at the LHC to date.

speaker known

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