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Type: **Ordinary**

Study of Standard Model Scalar Production in Bosonic Decay Channels in CMS

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The status of the Standard Model Higgs Boson search in the bosonic decay channels at the CMS experiment at the LHC will be presented. The results will be based on proton-proton collisions data corresponding to integrated luminosities of up to 5.1 fb⁻¹ at $\sqrt{s} = 7$ TeV and 19.6 fb⁻¹ at $\sqrt{s} = 8$ TeV. The observation of a new boson at a mass near 125 GeV should be confirmed by the analysis of the new data and first measurements of the boson properties will be shown.

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Classification de Session: The SM Scalar boson

Classification de thématique: Experiment