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Search for VBF production mode of standard model Higgs in diphoton final state with ATLAS detector

The aim of this analysis is to measure the signal strength of VBF production mode in diphoton final state. Benefit from the unique topology of VBF events, the VBF-sensitive categories are defined by cut-based or MVA method. To measure the signal strength of VBF precisely, the theoretical uncertainty of ggF and migration uncertainty must be considered. This talk will show you the result of *ICHEP* data set with ATLAS detector.

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