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Search for a Higgs-like boson decaying into bottom quarks in the ZH channel

After the discovery of a Higgs-like Boson with a mass close to 125 GeV at the LHC in summer 2012, we are showing the update on the analysis of the VH channel. In this channel the Higgs-like Boson is produced in association with a vector boson and decaying into b-quarks. We present the updated results on the full 2011 and 2012 7+8 TeV dataset.

This poster will focus on one of the tree modes that are combined in this analysis, where the associated vector boson is a Z boson, that is decaying leptonically into two electrons or muons, respectively.

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