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Type: **Experiment**

Search for the Higgs boson produced in association with a vector boson and decaying to a pair of $b\bar{b}$ -quarks

With the observation of a new particle of mass 125 GeV decaying to a pair of photons, W bosons or Z bosons, the current critical question in the field of particle physics is whether this particle is the Standard Model Higgs boson or something else. Observing the decay of the new particle to fermions and in particular $b\bar{b}$ -quarks is vital to answer these questions. We present the latest results from the ATLAS experiment in the search for a Higgs boson produced in association with a vector boson and decaying to pairs of $b\bar{b}$ -quarks using the 2011 and 2012 datasets.

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