

Higgs search in the Higgs to gammagamma channel

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The search for the Standard Model-like Higgs boson decaying to two photons is one of the best ways to identify a low mass Higgs boson at LHC. The results of the search in this channel are presented, based on the ATLAS data collected in 2011 and giving sensitivity exceeding any currently reported. The detailed analysis of the background contributions is included.

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