

# Updated measurement prospects for di-Higgs production in the $HH \rightarrow 2b2\gamma$ channel with the ATLAS experiment at the HL-LHC

We present an updated prospect study on di-Higgs production in the  $HH \rightarrow b\bar{b}\gamma\gamma$  decay channel with the ATLAS experiment at the High Luminosity LHC (HL-LHC). The latest projections are based on extrapolating the recent legacy Run 2 ATLAS search and therefore improve over the previous results shown

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**Session Classification:** Poster

**Track Classification:** Poster