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Projections for measurements of Higgs boson cross sections, branching ratios and coupling parameters with the ATLAS detector at a HL-LHC

Studies are presented on the prospects for measuring Higgs boson production cross sections times branching ratios, and determining couplings to individual fermions and bosons in 14 TeV proton-proton collisions at the LHC with 300 fb^{-1} and at the HL-LHC with 3000 fb^{-1} . Several studies already presented at the 2012 European Strategy meeting are updated. In addition first analyses are presented of $H \rightarrow Z\gamma$, of ZH production with $H \rightarrow$ invisible final states, and on the measurement of the Higgs width from the interference in $H \rightarrow \gamma\gamma$.

Autore principale: ATLAS, Collaboration ()

Relatore: ATLAS, Collaboration ()