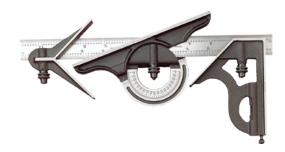
What Next: pagina del gruppo di lavoro "Standard Model"



ID contributo: 9 Tipo: non specificato

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 $H \to Z\gamma$, of ZH production with $H \to IV$ invisible final states, and on the measurement of the Higgs width from the interference in $H \to \gamma\gamma$.

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