

Overview of Higgs Physics in ATLAS

Monday 23 November 2020 15:30 (15 minutes)

In the years following the initial discovery of a new scalar boson, data-analyses related to the Higgs sector in and beyond the Standard Model continue to be a central part of the ATLAS physics program. A number of new results have recently become available, following the exploitation of the full Run 2 proton-proton collision dataset recorded by the ATLAS experiment at the LHC. This talk provides an overview of the precision measurements of the Standard Model Higgs boson, as well as searches for Higgs boson pairs and for exotic scalar states predicted by models with an extended Higgs sector, with a focus on the activities of the Swedish ATLAS groups.

Abstract Track

LHC

Author: SHOPE, David Richard (KTH Royal Institute of Technology (SE))

Co-author: FERRARI, Arnaud (Uppsala University (SE))

Presenter: SHOPE, David Richard (KTH Royal Institute of Technology (SE))

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