

XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



Contribution ID: 82

Type: **Contributed Talk**

Searches for additional Heavy Higgs bosons in ATLAS

Tuesday, March 24, 2020 5:40 PM (20 minutes)

Since the discovery of the Higgs boson with the mass of about 125 GeV much effort has been spent looking for further scalars, which are motivated in many scenarios. Here we report on searches for new neutral heavy Higgs bosons decaying to pairs of third generation fermions: tau leptons or b quarks. These searches are based on full Run2 data of the ATLAS experiment at the LHC.

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Session Classification: Electroweak Physics and Beyond the Standard Model

Track Classification: Electroweak Physics and Beyond the Standard Model