XI International Conference on New Frontiers in Physics



Contribution ID: 44 Type: Talk

Searches for additional Higgs bosons in ATLAS

Tuesday 6 September 2022 16:10 (20 minutes)

The discovery of the Higgs boson with a mass of about 125 GeV completed the particle content predicted by the Standard Model. Even though this model is well established and consistent with many measurements, it is not solely capable of explaining some observations. Many extensions of the Standard Model addressing such shortcomings introduce additional Higgs-like bosons which can be either neutral or charged. The current status of searches for additional low- and high-mass Higgs bosons based on the full LHC Run 2 dataset of the ATLAS experiment at 13 TeV are presented.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

ATLAS

Is the speaker for that presentation defined?

Yes

Details

Ms Noemi Cavalli noemi.cavalli@cern.ch (Universita e INFN, Bologna (IT))

Internet talk

Maybe

Authors: VARNES, Erich Ward (University of Arizona (US)); CAVALLI, Noemi (Universita e INFN, Bologna

(IT))

Presenter: CAVALLI, Noemi (Universita e INFN, Bologna (IT))

Session Classification: High Energy Particle Physics