

Searches for non-SM Higgs bosons and for BSM decays of the Higgs boson at the ATLAS experiment

Tuesday 27 November 2018 15:20 (15 minutes)

Several theories beyond the Standard Model predict the existence of additional neutral or charged Higgs particles, as well as decays of the Higgs boson that are either forbidden or strongly suppressed in the SM.

Results from selected recent searches for additional Higgs bosons in different production processes and decay modes, and for BSM decays of the 125 GeV-Higgs boson will be presented.

arXiv

Author: ATLAS COLLABORATION

Presenter: SANCHEZ PINEDA, Arturo (Abdus Salam Int. Cent. Theor. Phys. (IT))

Session Classification: Parallel Talks A

Track Classification: Beyond the Standard Model