

Searches for neutral and charged Higgs bosons in the ATLAS experiment as a test of physics beyond the Standard Model

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In several theories beyond the Standard Model, the Higgs sector consists of more than one complex scalar doublet. For instance, supersymmetric models such as MSSM have 5 physical Higgs states, two charged and three neutral. In this presentation, a review of the searches for new neutral and charged Higgs bosons in ATLAS at the Large Hadron Collider is presented.

Presentation Type

Invited talk

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