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Search for Charged Higgs Bosons with the ATLAS Detector

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Several non-minimal Higgs scenarios, e.g. Two Higgs Doublet Models (2HDM), predict the existence of charged Higgs bosons. This talk describes searches for charged Higgs bosons produced in top quark decays, in association with a top quark, or decaying to a tau lepton and a neutrino using the Run I data collected by the ATLAS detector at the LHC.

Summary

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