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Search for Additional Heavy Neutral Higgs Bosons in the Ditau Final State with the ATLAS Detector

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A search for heavy neutral Higgs bosons is performed using a data from proton–proton collisions at $\sqrt{s} = 13$ TeV recorded by the ATLAS detector at the LHC. The heavy resonance is assumed to decay to $\tau + \tau -$ with at least one tau lepton decaying to final states with hadrons and a neutrino. Results are interpreted in the hMSSM benchmark scenario.

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