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Search for the decay of the Higgs boson into two nMSSM pseudo-scalar particles.

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The next to MSSM theory predicts the existence of a light pseudoscalar boson “a”, and the decay of the Higgs boson into a pair of such particles. This scheme is searched for in several final states relative to different decay modes of the “a” particle, using about 10 fb^{-1} of p-p collisions at 13 TeV.

Experimental Collaboration

ATLAS

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