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Search for non-standard and rare decays of the Higgs boson with the ATLAS detector

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Some theories predict Lepton Flavour Violating decays of the Higgs boson, while other predict enhanced decay rates into new light pseudoscalar bosons “a” or invisible particles. Also enhanced rates in rare decay modes like Phi-photon are considered. In this presentation the latest ATLAS results on searches for such non-standard and rare decays will be discussed.

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