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Search for non-standard and rare decays of the Higgs boson with the ATLAS detector. (15' + 5')

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Some theories predict Lepton Flavour Violating decays of the Higgs boson, while other predict enhanced decay rates in rare modes like Z-photon, J/Psi-photon and Phi-photon. Such decays are searched for using about 10 fb⁻¹ of p-p collisions at 13 TeV.

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