



Contribution ID: 335

Type: **Parallel Talk**

## Search for non-standard, rare or invisible decays of the Higgs boson with the ATLAS detector.

*Thursday, July 6, 2017 12:15 PM (15 minutes)*

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 or into invisible particles. Such decays are searched for using about 36 fb<sup>-1</sup> of p-p collisions at 13 TeV.

### Experimental Collaboration

ATLAS

**Primary author:** ROZEN, Yoram (Technion (IL))

**Presenter:** THOMPSON, Paul (University of Birmingham (GB))

**Session Classification:** Higgs and new physics

**Track Classification:** Higgs and New Physics