



Contribution ID: 62

Type: **Parallel session**

## **Combined Effective Field Theory interpretation of ATLAS Higgs measurements**

*Friday, 1 December 2023 09:00 (15 minutes)*

This talk presents the interpretation of the ATLAS combined Higgs boson couplings measurements in the context of several models of physics beyond the Standard Model (SM). These models include Two-higgs-doublet models, the Minimal Supersymmetric Standard Model, and general descriptions of deviations from SM predictions based on the Standard Model effective field theory framework. The results are based on pp collision data collected at 13 TeV during Run 2 of the LHC.

### **You are**

non-PhD student

**Primary author:** PETERS, Krisztian (DESY)

**Presenter:** WANG, Yuhao

**Session Classification:** Parallel: EFT