



Contribution ID: 328

Type: **Parallel Talk**

## Measurement of fermionic couplings of the SM Higgs boson using the $bb$ , $\tau\tau$ and $\mu\mu$ decay channels with the ATLAS detector

*Thursday 6 July 2017 10:45 (15 minutes)*

The latest results on the measurement of the cross sections and couplings of the Higgs boson in the fermionic decay channels to  $bb$ ,  $\tau\tau$  and  $\mu\mu$  with the ATLAS detector are presented, using approximately  $36 \text{ fb}^{-1}$  of  $pp$  collision data collected at 13 TeV.

### Experimental Collaboration

ATLAS

**Author:** ROZEN, Yoram (Technion (IL))

**Presenter:** WANG, Song-Ming (Academia Sinica (TW))

**Session Classification:** Higgs and new physics

**Track Classification:** Higgs and New Physics