

30th International Symposium on Lepton Photon Interactions at High Energies



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## Measurements of the Higgs Yukawa couplings with Run 2 data collected by the CMS experiment

*Tuesday, January 11, 2022 4:30 PM (20 minutes)*

With the oncoming start of Run 3 approaching, it is interesting to look at the current status of Higgs Yukawa coupling measurements. Run 2 marked the first observation of Higgs couplings to all third-generation charged fermions. This talk reviews these measurements together with their properties under CP symmetry. The ongoing research of coupling to second-generation fermions is also discussed.

**Primary authors:** GOERLACH, Ulrich (Centre National de la Recherche Scientifique (FR)); CMS

**Presenter:** RAMON ALVAREZ, Clara (Universidad de Oviedo (ES))

**Session Classification:** Precision SM Measurements

**Track Classification:** Standard Model