



Contribution ID: 254

Type: **Parallel**

## Constraints on Higgs to heavy flavour couplings (CMS)

The discovery of the Higgs boson ten years ago and successful measurement of the Higgs boson couplings to third generation fermions by ATLAS and CMS mark great milestones for HEP. The much weaker coupling to the second generation quarks predicted by the SM makes the measurement of the Higgs-charm coupling much more challenging. With the full run-2 data and with the advent of ML flavour tagging techniques, a lot of progress has been made to constrain the couplings of the Higgs to c-quarks and b-quarks. In this talk, we present the latest results of direct and indirect Higgs to heavy flavour couplings by the CMS experiment. Prospects for future improvements are also given.

### Secondary track

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**Session Classification:** T08

**Track Classification:** T08 - Higgs Physics