

# XXIV International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS16)



Contribution ID: 260

Type: **not specified**

## Higgs physics at the LHeC and FCC-he

*Tuesday, 12 April 2016 17:21 (20 minutes)*

In this talk, we review the possibilities for Higgs studies at the LHeC and the FCC-he. Specifically, we will show recent results on the determination of the  $H \rightarrow b\bar{b}$  coupling, and on the progress in the  $H \rightarrow c\bar{c}$ . We will then discuss the possibility to study at LHeC the coupling of Higgs to the 'dark sector'. The final topic is HH production at FCC-he and the sensitivity to anomalous (=BSM) couplings.

**Primary author:** ARMESTO PEREZ, Nestor (Universidade de Santiago de Compostela, Spain)

**Presenter:** BEHNKE, Olaf (DESY)

**Session Classification:** WG7 Future Experiments

**Track Classification:** Future Experiments