



Contribution ID: 1026

Type: **Parallel session talk**

Top physics at the LHeC and the FCC-he

Friday 30 July 2021 10:35 (15 minutes)

The LHeC and the FCC-he offer unique prospects for the measurement of top properties in energy frontier, luminous ep scattering. An update of the 2012 Conceptual Design Report was produced last year [1]. In this talk we will revisit the determination of the top mass through inclusive measurements. In addition, we will address the possibilities for precise measurements of Wtq and γtq couplings, and competitive searches for FCNC top couplings.

[1] LHeC Collaboration and FCC-he Study Group, P. Agostini et al., e-Print: 2007.14491 [hep-ex], to appear in J. Phys. G.

First author

N. Armesto

Email

nestor.armesto@usc.es

Collaboration / Activity

LHeC/FCC-he Study Group

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

Presenter: Dr BEHERA, SUBHASISH (Johannes Gutenberg University Mainz, Germany)

Session Classification: T07: Top and Electroweak Physics

Track Classification: Top and Electroweak Physics