

# XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



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## Top physics at the LHeC and the FCC-eh

*Thursday, 15 April 2021 12:51 (15 minutes)*

The LHeC and the FCC-eh 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  $\gamma tq$  couplings, and competitive searches for FCNC top couplings.

[1] LHeC Collaboration and FCC-eh Study Group, P. Agostini et al., e-Print: 2007.14491 [hep-ex].

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