

# XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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## Novel QCD Phenomena at the LHeC and the FCC-eh

*Tuesday, 24 March 2020 15:10 (20 minutes)*

The LHeC and the FCC-eh, with its large kinematic reach and luminosity, offer the possibility to study hitherto uncovered, novel properties of QCD. In this talk we will review recent studies as presented in the LHeC 2020 White paper. Among other phenomena, we will discuss topics such as intrinsic heavy flavour, the determination of the running coupling at low scales, the radiation zero amplitude due to EW interferences, and several novel aspects in electron-nucleus collisions.

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**Session Classification:** Future Experiments

**Track Classification:** Future Experiments