

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



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Small-x physics at the LHeC

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In this talk we will present a review on the possibilities for small-x studies at the LHeC and the FCC-he. We focus on the possibilities of discriminating standard DGLAP approaches from resummation and saturation scenarios in inclusive, semi-inclusive and exclusive observables. We also discuss the opportunities for studying a totally new kinematic regime in diffractive production, and for analysing the 3D proton structure through different observables constraining GPDs.

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