

XXVI International Workshop on Deep Inelastic Scattering and Related Subjects



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Small-x physics and diffraction at the LHeC and the FCC-eh

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The LHeC and the FCC-eh at CERN are projected machines that will deliver ep (ePb) collisions with center-of-mass energies in the TeV range and luminosities of order 10^{34} (5×10^{32}) $\text{cm}^{-2}\text{s}^{-1}$. In this talk the possibilities for small-x physics and diffraction will be reviewed, with emphasis on recent results on the extraction of diffractive parton densities.

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