

XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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Progress on nCTEQ PDFs: Challenges with LHC & JLab data

Wednesday, March 25, 2020 12:00 PM (20 minutes)

What new tools will we need for determining nuclear PDFs at the HL-LHC, LHeC, and EIC in the next decade? Current W/Z data from LHC is challenging our preconceptions of the strange PDF. New hi-x data at low-Q from JLab push us into the region of higher-twist and non-perturbative effects. We provide an update of some nCTEQ progress in these areas, and look ahead to characterize the impact of the future facilities on our precision QCD measurements.

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