

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



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## Impact of EIC on collinear PDFs.

*Thursday, 15 April 2021 11:08 (18 minutes)*

We present an impact study of future EIC measurements on our knowledge of PDFs, using the JAM Monte Carlo global QCD analysis framework. We study the effect of EIC pseudo-data for polarization asymmetries on quark and gluon helicity distributions in the proton. An overview of the impact of future inclusive DIS and parity-violating DIS data on unpolarized PDFs is also shown.

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**Session Classification:** Future Experiments

**Track Classification:** Future Experiments