

Progress on the transverse SSA in single-inclusive jet production at an EIC at NLO

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We present a brief report on our ongoing efforts to calculate the transverse single-nucleon spin asymmetry of single-inclusive jet production in lepton-nucleon collisions at NLO accuracy within the collinear twist-3 factorization framework. This observable can very well be measured at a future Electron-Ion Collider (EIC). Such data will give new insight into both the partonic structure of the nucleon as well as the QCD dynamics inside the nucleon.

Primary authors: SCHLEGEL, Marc (University of Tuebingen); Mr TOLLKUEHN, Patrick (University of Tuebingen); VOGELSANG, Werner (Univ. Tuebingen)

Presenter: SCHLEGEL, Marc (University of Tuebingen)

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