

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



Contribution ID: 516

Type: **Contributed Talk**

## Jet charge for spin asymmetries

*Tuesday, 13 April 2021 11:13 (18 minutes)*

We show that jet charge measurements can substantially enhance the sensitivity of spin asymmetries to different partonic flavors in the nucleon. As an example, we use the Sivers asymmetry in back-to-back electron-jet production at the EIC to show that the jet charge can be a unique tool in constraining the Sivers function for different partonic flavors.

**Primary author:** LIU, xiaohui

**Presenter:** LIU, xiaohui

**Session Classification:** Spin Physics

**Track Classification:** Spin Physics