



Contribution ID: 46

Type: Oral

Computing the gluon Sivers function at low-x

Wednesday, 26 June 2019 16:50 (20 minutes)

The TMD parton distributions can have azimuthal asymmetry in the transverse plane for the transversely polarized nucleon. This is called the Sivers effect and is phenomenologically important for the description of single spin asymmetries. I will present our recent calculation of the gluon Sivers function at small-x obtained by using the known connection between the Sivers function and the odderon.

Primary author: Dr HATTA, Yoshitaka

Co-author: Dr HATTA, Yoshitaka (BNL)

Presenter: Dr HATTA, Yoshitaka (BNL)

Session Classification: Parallel: Future facilities

Track Classification: 3D nucleon structure