

Nucleon energy correlator for the odderon

Friday 13 June 2025 14:30 (20 minutes)

In this talk, I will present our investigation of the T-odd nucleon energy correlator at small- x and elucidate its connection with spin-dependent odderons. The probe of this nucleon energy correlator involves measuring a single transverse spin asymmetry for the energy pattern in the deep inelastic scattering. We demonstrate that this asymmetry can be served as a clean and sensitive observable for unveiling odderon dynamics at the future electron-ion collider.

Authors: Dr MÄNTYSAARI, Heikki (University of Jyväskylä); TAWABUTR, Yossathorn (University of Jyväskylä); TONG, Xuanbo (University of Jyväskylä)

Presenter: TONG, Xuanbo (University of Jyväskylä)

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