

Transverse Momentum Distributions: Recent News from HERMES and COMPASS

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Transverse momentum dependent distribution functions offer deep insights into the quark and gluon structure of the nucleon. Measuring asymmetries in Semi-Inclusive Deep Inelastic Scattering (SIDIS) of charged leptons off longitudinally and transversely polarised nucleons offers access to a variety of transverse momentum dependent distribution functions (TMD). The HERMES and COMPASS experiments are providing SIDIS asymmetries observed in meson-electroproduction off polarised protons and neutrons, establishing the underlying reaction mechanism and providing constraints and input to the modelling of TMDs. The presentation will present and review the latest results from these experiments.

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