Contribution ID: 74 Type: Talk

## Recent results on TMDs from the HERMES Experiment

Monday, 25 August 2014 16:30 (20 minutes)

In the last decade, transverse-momentum distributions (TMD) have been recognized as crucial ingredients for a complete understanding of the nucleon structure. They allow for a three-dimensional description of the nucleon (nucleon tomography) in momentum space and could provide insights into the yet unmeasured quark orbital angular momentum through correlations between the quark transverse momentum with the quark or the nucleon spin (spin-orbit correlations). At HERMES, TMDs are probed for various hadron types through the analysis of specific azimuthal modulations of the semi-inclusive deep-inelastic-scattering cross-section as well as in inclusive hadron leptoproduction from transversely polarized protons. An overview of recent HERMES results will be presented.

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Session Classification: Quarks and gluons in hadrons, the hadron spectrum

Track Classification: 2) Quarks and gluons in hadrons, the hadron spectrum