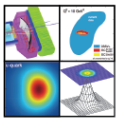

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Spin-Directed Momentum Transfers in the SIDIS Target Fragmentation Region

Wednesday 9 September 2015 15:25 (25 minutes)

Transverse single-spin asymmetries are an important tool in the study of hadronic structure. These asymmetries can be parameterized in terms spin-directed momentum transfers generated by nonperturbative spin-orbit mechanisms in QCD. The target fragmentation region in SIDIS processes provides access to asymmetries such as final-state polarization asymmetries in addition to target spin asymmetries. The presentation demonstrates how the TMD formalism applied to fracture functions provides significant information that can be constructively used to understand independent aspects of baryon structure.

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Session Classification: Spin-3D

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