

Studies of nucleon 3D structure using the CLAS12 at JLab

Recent studies of spin and azimuthal asymmetries at JLab suggest that separation of different dynamical contributions may be critical for interpretation of observables in both exclusive and semi-inclusive production of hadrons in electroproduction. Measurements of multiparticle final states in multidimensional space will be needed to sort out all disagreements with theory predictions and improve the phenomenology of 3D partonic distribution and fragmentation function.

In this contribution, we will present ongoing studies and some future measurements with hadrons in electroproduction of semi-inclusive and exclusive final states at Jefferson Lab.

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Session Classification: Parallel Workshop 1