

UCLA Nuclear Physics Seminar

“Nucleon 3D/spin structure: towards the precision era”

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I will first review the formalism of transverse-momentum-dependent factorization, mainly from the effective field theory points of view, which gives access to transverse-momentum-dependent functions (TMDs). Then, I will summarize the current status of higher-order perturbative QCD calculations of TMD evolution/resummation. Finally, I will present new results for the QED corrections to the evolution of TMDs.

Location: Knudsen 4-134

Date: Wednesday, October 17, 2018

Time: 12:00pm