

Quasi-TMDPDFs and the Collins-Soper Kernel

Thursday, November 28, 2019 10:00 AM (20 minutes)

In this talk I will discuss the concept of quasi-TMDPDFs, which are transverse momentum dependent parton distribution functions defined with operators on a spatial (equal-time) slice. These distributions must be defined so that they have the same infrared physics as the standard TMDPDF, but can be directly calculated with Lattice QCD. As a nice application, I discuss our proposal for using lattice QCD to obtain non-perturbatively the Collins-Soper evolution kernel for the standard TMDPDF.

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