

## Rapidity-only TMD factorization

*Friday, June 23, 2023 10:00 AM (30 minutes)*

Typically, a production of a particle with a small transverse momentum in hadron-hadron collisions is described

by CSS-based TMD factorization at moderate Bjorken  $x_B \sim 1$  and by  $k_T$ -factorization at small  $x_B$ .

A uniform description valid for all  $x_B$  is provided by rapidity-only TMD factorization developed in a series of recent papers. In this talk, I will discuss two applications: power corrections to DY hadronic tensor and one-loop result for particle (Higgs) production by gluon fusion.

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**Session Classification:** Session I