

Abstract Submitted
for the DNP20 Meeting of
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Ultraviolet divergences and evolution in weighted transverse moments¹ TED ROGERS, Old Dominion Univ/Jefferson Lab — I will discuss the problem of ultraviolet divergences in the definitions of cross sections weighted by transverse momentum. A common integral relation connecting certain types of TMD pdfs to twist-3 collinear correlation function will be shown to receive unsuppressed corrections. I will explain how this is connected to questions about the form of QCD evolution appropriate for transversely weighted observables.

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