

## Renormalization of collinear and TMD parton densities

*Wednesday 4 May 2022 17:10 (20 minutes)*

I will discuss recent work on the issues that arise when dealing with ultraviolet renormalization of both collinear and TMD Parton densities. In particular, I will discuss how some commonly assumed properties like positivity can be violated in standard schemes. I will discuss the ways that using TMD parton densities can help even when dealing with collinear pdfs.

### Submitted on behalf of a Collaboration?

No

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