

The NNLO soft function for N-jettiness in hadronic collisions

Thursday, 12 September 2024 11:50 (25 minutes)

In this talk I'll present our recent work calculating the N-jettiness soft function, based on an extension of the SoftSERVE framework to the general case of $N+2$ jets and beams for a priori general global observables. I will comment on our approach, present an explicit grid scanning the 2-jettiness soft function, and shed some light on the behaviour of the N-jettiness soft function at the edges of phase space, when two jets/beams become collinear.

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