

Towards a fully general subtraction scheme: nested soft-collinear 2.0

Friday, 13 September 2024 10:00 (30 minutes)

In this talk I will present recent progress in the generalisation of the nested soft-collinear subtraction scheme to multi-parton final state processes. The scheme has already been successfully applied to scatterings involving a limited number of coloured partons, and it has shown remarkable flexibility and good numerical performances. I will discuss how to overcome the difficulties that arise from going beyond the previous implementations, and the crucial ingredients to tackle hadron-hadron scattering into arbitrary final states at next-to-next-to-leading order in QCD.

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