

# The role of NLP threshold corrections in dQCD and SCET

Cross-sections in perturbative QCD are plagued by large corrections from soft and collinear radiation. The most singular terms are known to be universal, which allows their resummation to all orders in the coupling. In this talk, I will discuss the recent progress on understanding the structure of next-to-singular (NLP) contributions, and show the non-negligible phenomenological impact of these for Drell-Yan and single-Higgs production. In addition, I will perform an analytical and numerical comparison between the NLP resummation frameworks in direct QCD and soft-collinear effective theory.

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