

The Lund b -jet plane

Thursday 17 July 2025 15:00 (20 minutes)

In this talk, I will present our research on the substructure of jets containing heavy flavour. Our main goal is to better understand these jets from a theoretical perspective, using resummed perturbative techniques that are specially designed for jets coming from heavy quarks. In particular, we provide analytical predictions for several key jet substructure observables, including jet angularities and the Lund plane density for b -jets. I will highlight the most significant differences between our results and those obtained in the massless quark approximation.

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Session Classification: Recent developments in jet physics