Contribution ID: **939**   Type: **Parallel session talk**

Groomed jet mass in lepton collisions at high precision

Monday 26 July 2021 14:45 (15 minutes)

We present predictions of the distribution of groomed heavy jet mass in electron-positron collisions at the next-to-next-to-leading order accuracy matched with the resummation of large logarithms to next-to-next-to-next-to-leading logarithmic accuracy. Resummation at this accuracy is possible through extraction of necessary two-loop constants and three-loop anomalous dimensions from fixed-order codes. The talk will be based on published papers on arXiv: 2002.00942 and 2002.05730.

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Collaboration / Activity

phenomenology

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