Contribution ID: **75**   Type: **not specified**

An analytical look at top tagging with N-subjettiness

Wednesday 16 December 2020 11:00 (30 minutes)

I will examine the effectiveness and resilience to non perturbative effects of various top tagging procedures which make use of n-subjettiness, initially using Monte Carlo simulations. I will then present resummed calculations, at modified leading log accuracy, of the most effective variants of these taggers for both the signal and background. These calculations will then be used to understand the physics which drives these taggers, ultimately facilitating the simplification of them whilst improving the performance over a range of signal efficiencies.

Would you be interested in receiving feedback on your talk?

Yes

Will you be pre-recording your talk?

No

Length of talk

15-25 minutes

Are you happy for your talk to be recorded?

Yes

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Session Classification: Parallel Stream 1