



Contribution ID: 45

Type: **not specified**

Jets as probes of Transverse Momentum Distributions

Tuesday 20 November 2018 10:00 (25 minutes)

We investigated to what extent jets - instead of hadrons - can be used to study Transverse Momentum Distributions. I will show that suitably defined jets behave exactly like single hadrons, the two being interchangeable in factorization theorems and obeying the same double-scale evolution. Such jets are excellent probes in processes like semi-inclusive deeply inelastic scattering, with the advantage of a reduced sensitivity to non-perturbative final-state effects. See [arXiv:1807.07573](https://arxiv.org/abs/1807.07573) for further details.

Author: ZOPPI, Lorenzo (University of Amsterdam)

Presenter: ZOPPI, Lorenzo (University of Amsterdam)

Session Classification: Tuesday