



Contribution ID: 171

Type: **not specified**

Large transverse momentum top production at NLO+NLL accuracy

Tuesday, April 17, 2018 3:00PM (20 minutes)

We present an upgrade of the venerable FONLL code to handle top quark production. Predictions for large transverse momentum distributions at NLO+NLL accuracy are presented. Comparisons to recent experimental data, and to NNLO fixed order predictions and to SCET resummations, as well as to Monte Carlos matched to NLO predictions, are performed. Phenomenological relevance of the large transverse momentum resummation at a future FCC hadron collider is investigated.

Primary authors: CACCIARI, Matteo (LP THE Jussieu); RE, Emanuele (CERN); DREYER, Frederic Alexandre (MIT)

Presenter: CACCIARI, Matteo (LP THE Jussieu)

Session Classification: WG5: Physics with Heavy Flavours

Track Classification: WG5: Physics with Heavy Flavours