

Session Program

14-18 Jul 2025

Parton Showers and Resummation 2025

Factorisation and non-perturbative aspects

CERN, 4/3-006 - TH Conference Room

Thursday 17 July

14:30

Factorisation and non-perturbative aspects

Session | **Location:** CERN, 500/1-001 - Main Auditorium

14:30–14:50

Towards a Quantum Information Theory of Hadronization

Speaker

Johannes Michel

15:00–15:20

Renormalon analysis of SCET-II observables in the large- β_0 approximation

Speaker

Kevin Brune

15:30

16:15

Factorisation and non-perturbative aspects

Session | **Location:** CERN, 40/S2-B01 - Salle Bohr

16:15–16:35

Exponentiation of next-to-soft gluon and soft quark emissions from the replica trick

Speaker

Leonardo Vernazza

16:45–17:05

NNLO soft function for 0-jettiness in $t\bar{t}$ production

Speaker

Sebastian Edelmann

17:15–17:35

Three-loop jet function for boosted heavy quarks

Speaker

Alberto Martín Clavero

17:45–18:05

Soft anomalous dimensions with massive legs

Speaker

Zehao Zhu

18:25