

Session Program

8-10 Jul 2026

Parton Showers and Resummation 2026

Talks

University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building

Wednesday 8 July

09:15

Talks: Wednesday 1

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |
Convener: Caterina Doglioni

09:15–10:05

Getting the final state right matters: An experimentalist's perspective

Speaker

Jonathan Butterworth

10:30

10:05–10:30

The parton shower in heavy-ion collisions

Speaker

Leticia Cunqueiro Mendez

11:00

Talks: Wednesday 2

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |
Convener: Caterina Doglioni

11:00–11:25

Cell Reweighting and Unbinned Validation for Negative-Weight Mitigation using Optimal Transport

Speaker

Jennifer Roloff

12:15

11:25–12:15

Monte Carlo Event Generators: status and progress

Speaker

James Whitehead

13:30

Talks: Wednesday 3

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |
Convener: Mike Seymour

13:30–13:55

Showers and hadronization on GPUs

Speaker

Siddharth Sule

13:55–14:20

Updates on amplitude evolution

Speaker

Simon Platzer

14:20–14:45

Formulation of parton shower evolution beyond leading order

Speaker

Zoltan Nagy

14:45–15:10

Recent Results from e^+e^- Alliance

Speaker

Hannah Bossi

15:10

15:40

Talks: Wednesday 4**Session** | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |**Convener:** Silvia Zanolì

15:40–16:05

Resonance aware QCD+EW MC@NLO matched parton showers**Speaker**

Joanne Roper

16:05–16:30

Resonance and Width-aware simulation of $e^+e^- \rightarrow t\bar{t}$ at the FCC-ee**Speaker**

Daniel Reichelt

16:30–16:55

Resonance-Aware NLO+PS Matching for Off-Shell Top-Antitop Production at Lepton Colliders**Speaker**

Daniele Lombardi

16:55

Thursday 9 July

09:15

Talks: Thursday 1

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building | **Convener:** Jack Helliwell

09:15–10:05

PanScales Parton Showers Beyond NLL Accuracy

Speaker

Silvia Ferrario Ravasio

10:05–10:30

A first glimpse of matching beyond NLO with logarithmically accurate showers

Speaker

Nicolas Francois Schalch

10:30

11:00

Talks: Thursday 2

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building | **Convener:** Jack Holguin

11:00–11:25

Event Isotropy in perturbative QCD

Speaker

Prof. Simone Marzani

11:25–11:50

Inclusive jet production at NNLO+NNLL and theory nuisance parameters

Speaker

Terry Generet

11:50–12:15

On Thrust Resummation Ambiguities in e^+e^- Annihilation into Hadrons

Speaker

Paolo Nason

12:15

13:30

Talks: Thursday 3

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building | **Convener:** Emmet Byrne

13:30–14:20

The Method of Regions: Recent Progress and Applications

Speaker

Einan Gardi

14:20–14:45

New results on small-x resummation for splitting functions

Speaker

Giovanni Stagnitto

14:45–15:10

The emerging importance of high energy logarithms for LHC studies

Speaker

Sebastian Eryk Jaskiewicz

15:10

Friday 10 July

09:15

Talks: Friday 1

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |
Convener: Jonathan Richard Gaunt

09:15–10:05

Factorisation, its breaking, and its restoration

Speaker

Patrick Angus Hager

10:30

10:05–10:30

Coherence violation in jet observables

Speaker

Andrea Banfi

11:00

Talks: Friday 2

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |
Convener: Jonathan Richard Gaunt

11:00–11:25

Factorization Beyond Coherence

Speaker

Dominik Schwienbacher

11:25–11:50

New logarithmic structures in transverse-energy flow observables with azimuthal vetoes

Speaker

Saad Nabeebaccus

11:50–12:15

Non-global Super-Leading Logarithms

Speaker

Josua Scholze

12:15

13:30

Talks: Friday 3

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |
Convener: Simone Marzani

13:30–13:55

Collinear Factorization Violation and Reggeization

Speaker

Dr Aditya Pathak

13:55–14:20

Energy correlators, light-ray operators and new directions

Speaker

Jack Holguin

14:20–14:45

Generalized detector correlators in the heavy-ion environment from the light-ray OPE

Speaker

Carlota Andres

14:45–15:10

Towards Higher-Accuracy Resummation for Heavy-Flavour Jet Substructure**Speaker**

Andrea Ghira

15:10

15:40

Talks: Friday 4**Session** | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |**Convener:** Saad Nabeebaccus

15:40–16:05

Soft functions in N-jettiness**Speaker**

Luca Buonocore

16:05–16:30

Efficient Calculation of Soft functions**Speaker**

Emmet Byrne

16:30–16:55

Automated Calculation of Soft Functions for Non-global Observables**Speaker**

Rudi Rahn

16:55