

Session Program

8-13 Jun 2025

MCnet Summer School 2025

Lectures

Monday 9 June

09:00

Lectures: Introduction to MC event generators 1

Session | **Convener:** Enrico Bothmann

09:00–10:00

Intro I

Speaker

Enrico Bothmann

10:00

10:30

Lectures: Parton showers 1

Session | **Convener:** Melissa Corona van Beekveld

10:30–11:30

Showers I

Speaker

Melissa Corona van Beekveld

11:30

11:30

Lectures: Introduction to MC event generators 2

Session | **Convener:** Enrico Bothmann

11:30–12:30

Intro II

Speaker

Enrico Bothmann

12:30

13:30

Lectures: MC-event analysis

Session | **Convener:** Andy Buckley

13:30–14:30

Analysis

Speaker

Andy Buckley

14:30

Tuesday 10 June

09:00

Lectures: Neutrino interactions

Session | **Convener:** Joanna Sobczyk

09:00–10:00

Neutrinos

Speaker

Joanna Sobczyk

10:00

10:30

Lectures: Parton showers 2

Session | **Convener:** Melissa Corona van Beekveld

10:30–11:30

Showers II

Speaker

Melissa Corona van Beekveld

11:30

11:30

Lectures: Electroweak physics 1

Session | **Convener:** Alessandro Vicini

11:30–12:30

EW I

Speaker

Alessandro Vicini

12:30

13:30

Lectures: Introduction to MC event generators 3

Session | **Convener:** Enrico Bothmann

13:30–14:30

Intro III

Speaker

Enrico Bothmann

14:30

Wednesday 11 June

09:00

Lectures: Machine learning

Session | **Convener:** Gabriel Facini09:00–10:00 **ML****Speaker**

Gabriel Facini

10:00

10:30

Lectures: ME/PS matching & merging 1

Session | **Convener:** Stefan Hoeche10:30–11:30 **M&M I****Speaker**

Stefan Hoeche

11:30

11:30

Lectures: High-performance computing & GPUs

Session | **Convener:** Max Knobbe11:30–12:20 **HPC****Speaker**

Max Knobbe

12:20

13:30

Lectures: ME/PS matching & merging 2

Session | **Convener:** Stefan Hoeche13:30–14:30 **M&M II****Speaker**

Stefan Hoeche

14:30

Thursday 12 June

09:00

Lectures: Electroweak physics 2

Session | **Convener:** Alessandro Vicini09:00–10:00 **EW II****Speaker**

Alessandro Vicini

10:00

10:30

Lectures: High-energy corrections

Session | **Convener:** Jennifer Smillie10:30–11:30 **HEJ****Speaker**

Jennifer Smillie

11:30

11:30

Lectures: Epidemic modelling

Session | **Convener:** Kevin Fong11:30–12:30 **Pandemic****Speaker**

Kevin Fong

12:30

Friday 13 June

09:30

Lectures: Heavy-ion MC

Session | **Convener:** Leif Lönnblad

09:30–10:30

Heavy Ion

Speaker

Leif Lönnblad

10:30

11:00

Lectures: Data-science and policy

Session | **Convener:** Sarah Boutle

11:00–12:00

Policy & Data

Speaker

Sarah Boutle

12:00