

MCnet Summer School 2023

Report of Contributions

Contribution ID: 1

Type: **not specified**

Monte Carlo Event Generators – Introduction

Monday, 10 July 2023 15:00 (3 hours)

Presenter: GUTSCHOW, Christian (UCL)

Session Classification: Tutorials

Contribution ID: 2

Type: **not specified**

Madgraph / Rivet / Contur Tutorial

Tuesday, 11 July 2023 14:00 (4 hours)

Presenter: MATTELAER, Olivier (IPPP)

Session Classification: Tutorials

Contribution ID: 3

Type: **not specified**

Student Presentations

Session Classification: Tutorials

Contribution ID: 4

Type: **not specified**

Rivet / Contur Tutorial

Presenter: GUTSCHOW, Christian (UCL)

Session Classification: Tutorials

Contribution ID: 5

Type: **not specified**

Introduction to Event Generators 1

Monday, 10 July 2023 09:00 (1 hour)

Presenter: GIESEKE, Stefan (Institut f Theoretische Physik, Univ. Karlsruhe)

Session Classification: Lectures

Contribution ID: 6

Type: **not specified**

Model-independent Measurements

Monday, 10 July 2023 11:30 (1 hour)

Presenter: BUTTERWORTH, Jonathan (UCL)

Session Classification: Lectures

Contribution ID: 7

Type: **not specified**

Introduction to Event Generators 2

Monday, 10 July 2023 10:20 (1 hour)

Presenter: GIESEKE, Stefan (Institut f Theoretische Physik, Univ. Karlsruhe)

Session Classification: Lectures

Contribution ID: 8

Type: **not specified**

Quantum Computing

Monday, 10 July 2023 14:00 (1 hour)

Presenter: PRESTEL, Stefan

Session Classification: Lectures

Contribution ID: 9

Type: **not specified**

Introduction to Event Generators 3

Tuesday, 11 July 2023 09:00 (1 hour)

Presenter: GIESEKE, Stefan (Institut f Theoretische Physik, Univ. Karlsruhe)

Session Classification: Lectures

Contribution ID: **10**

Type: **not specified**

Matching, Merging, and Higher-Order Corrections 1

Tuesday, 11 July 2023 10:20 (1 hour)

Presenter: GELLERSEN, Leif (Lund University)

Session Classification: Lectures

Contribution ID: 11

Type: **not specified**

Student Presentation of MW Challenge Results

Tuesday, 11 July 2023 11:30 (1 hour)

Session Classification: Lectures

Contribution ID: 12

Type: **not specified**

Computing on Modern Architectures

Presenter: BOTHMANN, Enrico

Session Classification: Lectures

Contribution ID: 13

Type: **not specified**

Introduction to Event Generators 4

Wednesday, 12 July 2023 09:00 (1 hour)

Presenter: GIESEKE, Stefan (Institut f Theoretische Physik, Univ. Karlsruhe)

Session Classification: Lectures

Contribution ID: 14

Type: **not specified**

Matching, Merging, and Higher-Order Corrections 2

Wednesday, 12 July 2023 10:20 (1 hour)

Presenter: GELLERSEN, Leif

Session Classification: Lectures

Contribution ID: 15

Type: **not specified**

Aspects of the EW Standard Model

Wednesday, 12 July 2023 11:30 (1 hour)

Presenter: LINDERT, Jonas (IPPP)

Session Classification: Lectures

Contribution ID: 16

Type: **not specified**

Monte Carlo Event Generators and Machine Learning

Thursday, 13 July 2023 09:00 (1 hour)

Presenter: WINTERHALTER, Ramon

Session Classification: Lectures

Contribution ID: 17

Type: **not specified**

Event Generators for Heavy Ion Collisions

Thursday, 13 July 2023 10:20 (1 hour)

Presenter: BIERLICH, Christian (Lund University)

Session Classification: Lectures

Contribution ID: 18

Type: **not specified**

Industry Talk – From Particle Physics to Data Engineering and Analysis

Thursday, 13 July 2023 11:30 (55 minutes)

Presenter: THOMPSON, Jennifer

Session Classification: Lectures

Contribution ID: 19

Type: **not specified**

Computing on Modern Architectures

Wednesday, 12 July 2023 14:00 (1 hour)

Presenter: BOTHMANN, Enrico

Session Classification: Lectures

Contribution ID: 20

Type: **not specified**

GPU Programming

Wednesday, 12 July 2023 15:00 (3 hours)

Presenter: BOTHMANN, Enrico

Session Classification: Tutorials

Contribution ID: 21

Type: **not specified**

Welcome

Monday, 10 July 2023 08:55 (5 minutes)

Presenter: SCHOENHERR, Marek (IPPP Durham)

Session Classification: Lectures

Contribution ID: 22

Type: **not specified**

Farewell

Thursday, 13 July 2023 12:25 (5 minutes)

Presenter: SCHOENHERR, Marek (IPPP Durham)

Session Classification: Lectures