

Michaelmas Term 2022



Report of Contributions

Contribution ID: 1

Type: **not specified**

Lecture 1 - Types of Accelerators

Wednesday, 12 October 2022 10:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 1

Contribution ID: 2

Type: **not specified**

Lecture 3 - Live Feed - LHC Control Centre

Wednesday, 12 October 2022 14:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 1

Contribution ID: 3

Type: **not specified**

Lecture 2 - Applications of Accelerators

Wednesday, 12 October 2022 12:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 1

Contribution ID: 4

Type: **not specified**

Lecture 4 - Transverse Optics I

Thursday, 20 October 2022 10:00 (1 hour)

Presenter: Dr GARCIA MORALES, Hector (University of Oxford)

Session Classification: Week 2

Contribution ID: 5

Type: **not specified**

Lecture 5 - Transverse Optics II

Thursday, 20 October 2022 12:00 (1 hour)

Presenter: Dr GARCIA MORALES, Hector (University of Oxford)

Session Classification: Week 2

Contribution ID: 6

Type: **not specified**

Lecture 11 - Lattice Design

Wednesday, 2 November 2022 10:00 (1 hour)

Presenter: Dr GARCIA MORALES, Hector (University of Oxford)

Session Classification: Week 4

Contribution ID: 7

Type: **not specified**

Lecture 8 - Beams and Imperfections

Thursday, 27 October 2022 14:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 3

Contribution ID: 8

Type: **not specified**

Tutorial 2 - Transverse Optics

Wednesday, 2 November 2022 14:00 (2 hours)

Presenter: Dr GARCIA MORALES, Hector (University of Oxford)

Session Classification: Week 4

Contribution ID: 9

Type: **not specified**

Lecture 9 - Basic Plasma Physics Concepts for Plasma Accelerators

Tuesday, 1 November 2022 11:00 (1 hour)

Presenter: Dr MANGLES, Stuart

Session Classification: Week 4

Contribution ID: **10**

Type: **not specified**

Lecture 6 - Longitudinal Dynamics

Thursday, 27 October 2022 10:00 (1 hour)

Presenter: Mr WILLIAMSON, Robert

Session Classification: Week 3

Contribution ID: 11

Type: **not specified**

Lecture 7 - Momentum Effects

Thursday, 27 October 2022 12:00 (1 hour)

Presenter: Mr WILLIAMSON, Robert

Session Classification: Week 3

Contribution ID: 12

Type: **not specified**

Tutorial 3 - Longitudinal Dynamics

Wednesday, 9 November 2022 14:00 (2 hours)

Presenter: Mr WILLIAMSON, Robert

Session Classification: Week 5

Contribution ID: 14

Type: **not specified**

Lecture 14 - Properties of Synchrotron Radiation

Thursday, 10 November 2022 10:00 (1 hour)

Presenter: Dr MARTIN, Ian

Session Classification: Week 5

Contribution ID: 15

Type: **not specified**

Lecture 16 - Plasma-based Ion Acceleration

Tuesday, 15 November 2022 11:00 (1 hour)

Presenter: Prof. NAJMUDIN, Zulfikar

Session Classification: Week 6

Contribution ID: 16

Type: **not specified**

Lecture 10 - Plasma-based Electron Acceleration

Tuesday, 1 November 2022 16:00 (1 hour)

Presenter: Dr MANGLES, Stuart

Session Classification: Week 4

Contribution ID: 17

Type: **not specified**

Lecture 19 - Cavities III

Thursday, 17 November 2022 12:00 (1 hour)

Presenter: Dr PLOSTINAR, Ciprian (ESS)

Session Classification: Week 6

Contribution ID: **18**

Type: **not specified**

Lecture 20 - RF Cavity Design

Thursday, 17 November 2022 14:00 (2 hours)

Presenter: Dr PLOSTINAR, Ciprian (ESS)

Session Classification: Week 6

Contribution ID: **19**

Type: **not specified**

Lecture 17 - Cavities I

Thursday, 17 November 2022 10:00 (1 hour)

Presenter: Dr PLOSTINAR, Ciprian (ESS)

Session Classification: Week 6

Contribution ID: 20

Type: **not specified**

Lecture 18 - Cavities II

Thursday, 17 November 2022 11:00 (1 hour)

Presenter: Dr PLOSTINAR, Ciprian (ESS)

Session Classification: Week 6

Contribution ID: 24

Type: **not specified**

Tutorial 4 - Cavities

Thursday, 24 November 2022 14:00 (2 hours)

Presenter: Dr PLOSTINAR, Ciprian (ESS)

Session Classification: Week 7

Contribution ID: 25

Type: **not specified**

Lecture 22 - Beam Diagnostics & Instr.

Thursday, 1 December 2022 16:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 8

Contribution ID: 26

Type: **not specified**

Lecture 21 - Parameters for Project Design

Thursday, 1 December 2022 09:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 8

Contribution ID: 27

Type: **not specified**

Tutorial 6 - Synchrotron Radiation

Thursday, 1 December 2022 14:00 (2 hours)

Presenter: Dr MARTIN, Ian

Session Classification: Week 8

Contribution ID: **30**

Type: **not specified**

Tutorial 1 - Introduction to Accelerators

Wednesday, 19 October 2022 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 2

Contribution ID: 31

Type: **not specified**

Lecture 12 - Hamiltonian Dynamics I

Tuesday, 8 November 2022 11:00 (1 hour)

Presenter: Dr KELLIHER, David (STFC)

Session Classification: Week 5

Contribution ID: 32

Type: **not specified**

Lecture 13 - Hamiltonian Dynamics II

Tuesday, 8 November 2022 16:00 (1 hour)

Presenter: Dr KELLIHER, David (STFC)

Session Classification: Week 5

Contribution ID: 33

Type: **not specified**

Lecture 15 - Undulators & Wigglers

Thursday, 10 November 2022 11:00 (1 hour)

Presenter: Dr MARTIN, Ian

Session Classification: Week 5

Contribution ID: 34

Type: **not specified**

Tutorial 5 - Hamiltonian Dynamics

Thursday, 1 December 2022 11:00 (2 hours)

Presenter: Dr KELLIHER, David (STFC)

Session Classification: Week 8

Contribution ID: 35

Type: **not specified**

Lecture 23 - Radiation Damping

Thursday, 24 November 2022 11:00 (1 hour)

Presenter: Dr MARTIN, Ian

Session Classification: Week 7

Contribution ID: 36

Type: **not specified**

Lecture 24 - Radiation Excitation

Thursday, 24 November 2022 12:00 (1 hour)

Presenter: Dr MARTIN, Ian

Session Classification: Week 7