

Hilary Term 2016



Report of Contributions

Contribution ID: 0

Type: **not specified**

Lecture 1 - Laser Plasma Interactions

Presenter: Prof. NORREYS, Peter

Contribution ID: 1

Type: **not specified**

Lecture 2 - Laser Plasma Interactions at Ultra-high Intensities

Presenter: Prof. NAJMUDIN, Zulfikar (Imperial College)

Contribution ID: 2

Type: **not specified**

Lecture 1 - Magnet Design I

Wednesday 20 January 2016 10:00 (1 hour)

Presenter: MILANESE, Attilio (CERN)

Session Classification: Week 1 - Magnet Design

Contribution ID: 3

Type: **not specified**

Lecture 2 - Magnet Design II

Thursday 21 January 2016 10:00 (1 hour)

Presenter: MILANESE, Attilio (CERN)

Session Classification: Week 1 - Magnet Design

Contribution ID: 4

Type: **not specified**

Tutorial 2 - Demonstration Magnet Design Program

Thursday 21 January 2016 14:15 (2 hours)

Presenter: MILANESE, Attilio (CERN)

Session Classification: Week 1 - Magnet Design

Contribution ID: 5

Type: **not specified**

Lecture 3 - Non-linear Dynamics I

Wednesday 27 January 2016 10:00 (1 hour)

Presenter: Prof. BARTOLINI, Riccardo (Diamond Light Source and John Adams Institute)

Session Classification: Week 2 - Non-linear Effects

Contribution ID: 6

Type: **not specified**

Lecture 4 - Non-linear Dynamics II

Thursday 28 January 2016 10:00 (1 hour)

Presenter: Prof. BARTOLINI, Riccardo (Diamond Light Source and John Adams Institute)

Session Classification: Week 2 - Non-linear Effects

Contribution ID: 7

Type: **not specified**

Tutorial 3 - Future Circular Collider Project

Thursday 28 January 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 2 - Non-linear Effects

Contribution ID: 8

Type: **not specified**

Lecture 5 - Beam Beam Effect

Wednesday 3 February 2016 10:00 (1 hour)

Summary

Presenter: Prof. WILSON, Ted

Session Classification: Week 3 - Beam Beam and Space Charge Effects

Contribution ID: 9

Type: **not specified**

Lecture 6 - Space Charge Tune Shift

Thursday 4 February 2016 10:00 (1 hour)

Summary

Presenter: Prof. WILSON, Ted

Session Classification: Week 3 - Beam Beam and Space Charge Effects

Contribution ID: **10**

Type: **not specified**

Tutorial 4 - Future Circular Collider Project

Thursday 4 February 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 3 - Beam Beam and Space Charge Effects

Contribution ID: 11

Type: **not specified**

Lecture 9 - X-ray Radiation from Laser Wakefield Accelerators

Presenter: Dr MANGLES, Stuart (Imperial College London)

Contribution ID: 13

Type: **not specified**

Lecture 7 - Beam Transport

Thursday 11 February 2016 10:00 (1 hour)

Presenter: Prof. BARTOLINI, Riccardo (Diamond Light Source and John Adams Institute)

Session Classification: Week 4 - Beam Transport

Contribution ID: 14

Type: **not specified**

Tutorial 5 - Future Circular Collider Project

Thursday 11 February 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 4 - Beam Transport

Contribution ID: 15

Type: **not specified**

Lecture 9 - Linear Collider Sub-systems I

Thursday 18 February 2016 10:00 (20 minutes)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 5 - Linear Colliders

Contribution ID: 16

Type: **not specified**

Tutorial 6 - Future Circular Collider Project

Thursday 18 February 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 5 - Linear Colliders

Contribution ID: 17

Type: **not specified**

Lecture 8 - Linear Colliders

Wednesday 17 February 2016 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 5 - Linear Colliders

Contribution ID: **18**

Type: **not specified**

Lecture 10 - Linear Collider Sub-systems II

Wednesday 24 February 2016 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 6 - Linear Colliders (continued)

Contribution ID: 19

Type: **not specified**

Lecture 11 - Linear Colliders –The Real Design

Thursday 25 February 2016 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 6 - Linear Colliders (continued)

Contribution ID: 20

Type: **not specified**

Tutorial 7 - Future Circular Collider Project

Thursday 25 February 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 6 - Linear Colliders (continued)

Contribution ID: 21

Type: **not specified**

Lecture 12 - Instabilities I

Wednesday 2 March 2016 10:00 (1 hour)

Presenter: Prof. WILSON, Ted

Session Classification: Week 7 - Instabilities

Contribution ID: 22

Type: **not specified**

Lecture 13 - Instabilities II

Thursday 3 March 2016 10:00 (1 hour)

Presenter: Prof. WILSON, Ted

Session Classification: Week 7 - Instabilities

Contribution ID: 23

Type: **not specified**

Tutorial 8 - Future Circular Collider Project

Thursday 3 March 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 7 - Instabilities

Contribution ID: 24

Type: **not specified**

Lecture 14 - Applications of Accelerators

Presenter: Prof. TSESMELIS, Emmanuel

Contribution ID: 25

Type: **not specified**

Tutorial 9 - Future Circular Collider Project

Wednesday 9 March 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel

Session Classification: Week 8 - Accelerator Applications & Final Presentation of FCC

Contribution ID: 26

Type: **not specified**

Future Circular Collider Project - Final Presentation

Thursday 10 March 2016 11:00 (1h 30m)

Session Classification: Week 8 - Accelerator Applications & Final Presentation of FCC

Contribution ID: 27

Type: **not specified**

Tutorial 1 - Project FCC e+/e-

Wednesday 13 January 2016 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 0 - FCC-ee Project

Contribution ID: 28

Type: **not specified**

Lecture 14 - Applications of Accelerators

Thursday 10 March 2016 10:00 (1 hour)

Session Classification: Week 8 - Accelerator Applications & Final Presentation of FCC