

Hilary Term 2018



Report of Contributions

Contribution ID: 1

Type: **not specified**

Tutorial 1 - Project: Compact X-ray Source with Laser-Plasma Injection

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 1 - Magnet Design

Contribution ID: 2

Type: **not specified**

Lecture 3 - Non-linear Dynamics I

Wednesday 24 January 2018 10:00 (1 hour)

Presenter: Prof. BARTOLINI, Riccardo

Session Classification: Week 2 - Non-linear Dynamics

Contribution ID: 3

Type: **not specified**

Lecture 2 - Magnet Design II

Thursday 18 January 2018 10:00 (1 hour)

Presenter: Dr MILANESE, Attilio (CERN)

Session Classification: Week 1 - Magnet Design

Contribution ID: 4

Type: **not specified**

Tutorial 1 - Demonstration Magnet Design Program

Thursday 18 January 2018 14:15 (2 hours)

Presenter: Dr MILANESE, Attilio (CERN)

Session Classification: Week 1 - Magnet Design

Contribution ID: 5

Type: **not specified**

Lecture 1 - Magnet Design I

Wednesday 17 January 2018 10:00 (1 hour)

Presenter: Dr MILANESE, Attilio

Session Classification: Week 1 - Magnet Design

Contribution ID: 6

Type: **not specified**

Lecture 2 - Non-linear Dynamics II

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

Session Classification: Week 1 - Magnet Design

Contribution ID: 7

Type: **not specified**

Tutorial 3 - The HE-LHC Collider Project

Thursday 1 February 2018 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 3 - Linear Colliders

Contribution ID: 8

Type: **not specified**

Lecture 14 - Beam Beam Effects

Wednesday 28 February 2018 10:00 (1 hour)

Presenter: Dr SHEEHY, Suzie (University of Oxford and STFC/ASTeC/RAL)

Session Classification: Week 7 - Beam Beam and Space Charge Effects

Contribution ID: 9

Type: **not specified**

Lecture 15 - Space Charge Tune Shift

Thursday 1 March 2018 10:00 (1 hour)

Presenter: Dr SHEEHY, Suzie (University of Oxford and STFC/ASTeC/RAL)

Session Classification: Week 7 - Beam Beam and Space Charge Effects

Contribution ID: **10**

Type: **not specified**

Tutorial 4 - The HE-LHC Collider Project

Thursday 8 February 2018 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 4 -Linear Colliders (cont.)

Contribution ID: 11

Type: **not specified**

Lecture 9 - Injection and Extraction

Wednesday 14 February 2018 10:00 (1 hour)

Presenter: Dr FRASER, Matthew

Session Classification: Week 5 - Injection and Extraction

Contribution ID: 12

Type: **not specified**

Tutorial 5 - The HE-LHC Collider Project

Thursday 15 February 2018 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 5 - Injection and Extraction

Contribution ID: 13

Type: **not specified**

Lecture 5 - Linear Colliders

Wednesday 31 January 2018 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 3 - Linear Colliders

Contribution ID: 14

Type: **not specified**

Lecture 10 - Linear Collider Sub-systems I

Presenter: TECKER, Frank (CERN)

Session Classification: Week 5 - Injection and Extraction

Contribution ID: 15

Type: **not specified**

Tutorial 6 - Compact X-ray Source with Laser-Plasma Injection Project

Presenter: TSESMELIS, Emmanuel (CERN)

Session Classification: Week 5 - Injection and Extraction

Contribution ID: 16

Type: **not specified**

Lecture 7 - Linear Collider Sub-systems II

Wednesday 7 February 2018 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 4 -Linear Colliders (cont.)

Contribution ID: 17

Type: **not specified**

Lecture 8 - Linear Colliders - The Real Design

Thursday 8 February 2018 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 4 -Linear Colliders (cont.)

Contribution ID: **18**

Type: **not specified**

Tutorial 7 - The HE-LHC Collider Project

Thursday 1 March 2018 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 7 - Beam Beam and Space Charge Effects

Contribution ID: **19**

Type: **not specified**

Lecture 16 - Free Electron Lasers

Wednesday 7 March 2018 10:00 (1 hour)

Presenter: Prof. BARTOLINI, Riccardo

Session Classification: Week 8 - Free Electron Lasers

Contribution ID: 20

Type: **not specified**

Lecture 17 - Vacuum and Surface Science

Thursday 8 March 2018 10:00 (1 hour)

Presenter: Dr PATEL, Sunil

Session Classification: Week 8 - Free Electron Lasers

Contribution ID: 21

Type: **not specified**

The HE-LHC Collider Project - Final Presentation

Thursday 8 March 2018 11:00 (1h 30m)

Session Classification: Week 8 - Free Electron Lasers

Contribution ID: 25

Type: **not specified**

Lecture 6 - Linear Collider Sub-systems I

Thursday 1 February 2018 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: Week 3 - Linear Colliders

Contribution ID: 26

Type: **not specified**

Tutorial 6 - The HE-LHC Collider Project

Thursday 22 February 2018 15:15 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 6 - Beam Beam and Space Charge Effects

Contribution ID: 27

Type: **not specified**

Tutorial 2 - The HE-LHC Collider Project

Thursday 25 January 2018 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 2 - Non-linear Dynamics

Contribution ID: 28

Type: **not specified**

Lecture 13 - Beam Transport

Thursday 22 February 2018 14:15 (1 hour)

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

Session Classification: Week 6 - Beam Beam and Space Charge Effects

Contribution ID: 29

Type: **not specified**

Tutorial 8 - The HE-LHC Collider Project

Wednesday 7 March 2018 14:15 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 8 - Free Electron Lasers

Contribution ID: **30**

Type: **not specified**

Lecture 12 - Instabilities II

Thursday 22 February 2018 10:00 (1 hour)

Presenter: Dr SHEEHY, Suzie

Session Classification: Week 6 - Beam Beam and Space Charge Effects

Contribution ID: 31

Type: **not specified**

Lecture 5 - Instalilities I

Presenter: Dr SHEEHY, Suzie

Contribution ID: 32

Type: **not specified**

Lecture 11 - Instabilities I

Wednesday 21 February 2018 10:00 (1 hour)

Presenter: Dr SHEEHY, Suzie

Session Classification: Week 6 - Beam Beam and Space Charge Effects

Contribution ID: 33

Type: **not specified**

Lecture 4 - Non-linear Dynamics II

Thursday 25 January 2018 10:00 (1 hour)

Presenter: Prof. BARTOLINI, Riccardo

Session Classification: Week 2 - Non-linear Dynamics

Contribution ID: 34

Type: **not specified**

Lecture 10 - Particle Sources

Thursday 15 February 2018 10:00 (1 hour)

Presenter: Dr FAIRCLOTH, Dan

Session Classification: Week 5 - Injection and Extraction

Contribution ID: 35

Type: **not specified**

Tutorial 6 - The HE-LHC Collider Project

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: Week 5 - Injection and Extraction