

Hilary Term 2024



Report of Contributions

Contribution ID: 2

Type: **not specified**

Lecture 7 - Non-linear Dynamics I

Thursday 1 February 2024 10:00 (1 hour)

Presenter: Dr MARTIN, Ian

Session Classification: HT2024 - Week 3

Contribution ID: 3

Type: **not specified**

Lecture 2 - Magnet Design II

Thursday 18 January 2024 11:00 (1 hour)

Presenter: Dr MILANESE, Attilio (CERN)

Session Classification: HT2024 - Week 1

Contribution ID: 4

Type: **not specified**

Tutorial 1 - Demonstration of Magnet Design Program

Thursday 18 January 2024 14:00 (2 hours)

Presenter: BAUCHE, Jeremie (CERN)

Session Classification: HT2024 - Week 1

Contribution ID: 5

Type: **not specified**

Lecture 1 - Magnet Design I

Thursday 18 January 2024 10:00 (1 hour)

Presenter: Dr MILANESE, Attilio (CERN)

Session Classification: HT2024 - Week 1

Contribution ID: 7

Type: **not specified**

Tutorial 3 - LhARA Design Project

Thursday 1 February 2024 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 3

Contribution ID: 8

Type: **not specified**

Lecture 3 - Beam-Beam Effects

Thursday 25 January 2024 10:00 (1 hour)

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

Session Classification: HT2024 - Week 2

Contribution ID: 9

Type: **not specified**

Lecture 4 - Space Charge Tune Shift

Thursday 25 January 2024 12:00 (1 hour)

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

Session Classification: HT2024 - Week 2

Contribution ID: **10**

Type: **not specified**

Tutorial 6 - LhARA Design Project

Thursday 22 February 2024 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 6

Contribution ID: 11

Type: **not specified**

Lecture 22 - Vacuum and Surface Science

Wednesday 6 March 2024 12:00 (1 hour)

Presenter: Dr PATEL, Sunil

Session Classification: HT2024 - Week 8

Contribution ID: 12

Type: **not specified**

Tutorial 7 - LhARA Design Project

Thursday 29 February 2024 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 7

Contribution ID: 13

Type: **not specified**

Lecture 14 - Linear Colliders

Thursday 15 February 2024 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: HT2024 - Week 5

Contribution ID: 16

Type: **not specified**

Lecture 17 - Linear Collider Sub-systems II

Thursday 22 February 2024 10:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: HT2024 - Week 6

Contribution ID: 17

Type: **not specified**

Lecture 18 - Linear Colliders - The Real Design

Thursday 22 February 2024 11:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: HT2024 - Week 6

Contribution ID: **18**

Type: **not specified**

Tutorial 4 - LhARA Design Project

Thursday 8 February 2024 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 4

Contribution ID: 19

Type: **not specified**

Lecture 11 - Free Electron Lasers

Thursday 8 February 2024 12:00 (1 hour)

Presenter: Dr MARTIN, Ian

Session Classification: HT2024 - Week 4

Contribution ID: 20

Type: **not specified**

Lecture 21 - Injection, Beam Transport and Extraction

Wednesday 6 March 2024 11:00 (1 hour)

Presenter: Dr FRASER, Matthew (CERN)

Session Classification: HT2024 - Week 8

Contribution ID: 21

Type: **not specified**

LhARA Design Project - Final Presentation

Friday 15 March 2024 11:00 (1h 30m)

Session Classification: HT2024 - Week 9

Contribution ID: 25

Type: **not specified**

Lecture 15 - Linear Collider Sub-systems I

Thursday 15 February 2024 11:00 (1 hour)

Presenter: Dr TECKER, Frank (CERN)

Session Classification: HT2024 - Week 5

Contribution ID: 26

Type: **not specified**

Tutorial 5 - LhARA Design Project

Thursday 15 February 2024 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 5

Contribution ID: 27

Type: **not specified**

Tutorial 2 - LhARA Design Project

Wednesday 24 January 2024 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 2

Contribution ID: 28

Type: **not specified**

Lecture 12 - Beamlines for Fixed Target Experiments and Test Beams

Wednesday 14 February 2024 14:00 (1 hour)

Presenter: Dr GERBERSHAGEN, Alexander (PARTREC, UMCG, University of Groningen (NL))

Session Classification: HT2024 - Week 5

Contribution ID: 29

Type: **not specified**

Tutorial 8 - LhARA Design Project

Wednesday 6 March 2024 14:00 (2 hours)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 8

Contribution ID: 30

Type: **not specified**

Lecture 9 - Instabilities I

Wednesday 7 February 2024 10:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 4

Contribution ID: 32

Type: **not specified**

Lecture 10 - Instabilities II

Wednesday 7 February 2024 11:00 (1 hour)

Presenter: Prof. TSESMELIS, Emmanuel (CERN)

Session Classification: HT2024 - Week 4

Contribution ID: 33

Type: **not specified**

Lecture 8 - Non-linear Dynamics II

Thursday 1 February 2024 11:00 (1 hour)

Presenter: Dr MARTIN, Ian

Session Classification: HT2024 - Week 3

Contribution ID: 34

Type: **not specified**

Lecture 16 - Particle Sources

Wednesday 21 February 2024 12:00 (1 hour)

Presenter: Dr LAWRIE, Scott

Session Classification: HT2024 - Week 6

Contribution ID: **38**

Type: **not specified**

Lecture 5 - Cyclotrons for Various Applications

Wednesday 31 January 2024 11:00 (1 hour)

Presenter: Prof. SCHIPPERS, Marco

Session Classification: HT2024 - Week 3

Contribution ID: 39

Type: **not specified**

Lecture 6 - Accelerator Science and Particle Therapy

Wednesday 31 January 2024 12:00 (1 hour)

Presenter: Dr GERBERSHAGEN, Alexander (CERN)

Session Classification: HT2024 - Week 3

Contribution ID: 41

Type: **not specified**

Lecture 20 - Introduction to Radiobiology and its Applications to Accelerator Science

Thursday 29 February 2024 12:00 (1 hour)

Presenter: Prof. DOSANJH, Manjit

Session Classification: HT2024 - Week 7

Contribution ID: 42

Type: **not specified**

Lecture 13 - Particle Accelerator Sustainability

Wednesday 14 February 2024 15:00 (1 hour)

Presenter: Dr WAKELING, Hannah (John Adams Institute, Oxford University)

Session Classification: HT2024 - Week 5

Contribution ID: 43

Type: **not specified**

Lecture 19 - Commercialisatoin of Accelerator Technologies

Wednesday 28 February 2024 11:00 (1 hour)

Presenter: Dr TAIT, Phillip

Session Classification: HT2024 - Week 7

Contribution ID: 44

Type: **not specified**

Tutorial 9 - LhARA Design Project

Thursday 14 March 2024 10:00 (2 hours)

Session Classification: HT2024 - Week 9