

# Hilary Term 2017



# 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 - Non-linear Effects

Contribution ID: 2

Type: **not specified**

## **Lecture 3 - Magnet Design I**

*Wednesday, 25 January 2017 10:00 (1 hour)*

**Presenter:** Dr MILANESE, Attilio (CERN)

**Session Classification:** Week 2 - Magnet Design

Contribution ID: 3

Type: **not specified**

## Lecture 4 - Magnet Design II

*Thursday, 26 January 2017 10:00 (1 hour)*

**Presenter:** Dr MILANESE, Attilio (CERN)

**Session Classification:** Week 2 - Magnet Design

Contribution ID: 4

Type: **not specified**

## **Tutorial 2 - Demonstration Magnet Design Program**

*Thursday, 26 January 2017 14:15 (2 hours)*

**Presenter:** Dr MILANESE, Attilio (CERN)

**Session Classification:** Week 2 - Magnet Design

Contribution ID: 5

Type: **not specified**

## Lecture 1 - Non-linear Dynamics I

*Wednesday, 18 January 2017 10:00 (1 hour)*

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

**Session Classification:** Week 1 - Non-linear Effects

Contribution ID: 6

Type: **not specified**

## Lecture 2 - Non-linear Dynamics II

*Thursday, 19 January 2017 10:00 (1 hour)*

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

**Session Classification:** Week 1 - Non-linear Effects

Contribution ID: 7

Type: **not specified**

## **Tutorial 3 - Compact X-ray Source with Laser-Plasma Injection**

*Thursday, 2 February 2017 14:15 (2 hours)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 3 - Compact X-ray Source with Laser-Plasma Injection



Contribution ID: 8

Type: **not specified**

## Lecture 5 - Beam Beam Effect

*Wednesday, 8 February 2017 10:00 (1 hour)*

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

**Session Classification:** Week 4 - Beam Beam and Space Charge Effects

Contribution ID: 9

Type: **not specified**

## **Lecture 6 - Space Charge Tune Shift**

*Thursday, 9 February 2017 10:00 (1 hour)*

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

**Session Classification:** Week 4 - Beam Beam and Space Charge Effects

Contribution ID: **10**

Type: **not specified**

## **Tutorial 4 - Compact X-ray Source with Laser-Plasma Injection Project**

*Thursday, 9 February 2017 14:15 (2 hours)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 4 - Beam Beam and Space Charge Effects

Contribution ID: 11

Type: **not specified**

## **Lecture 7 - Applications of Accelerators**

*Wednesday, 15 February 2017 10:00 (1 hour)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 5 - Accelerator Applications

Contribution ID: 12

Type: **not specified**

## **Tutorial 5 - Compact X-ray Source with Laser-Plasma Injection Project**

*Thursday, 16 February 2017 14:15 (2 hours)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 5 - Accelerator Applications

Contribution ID: 13

Type: **not specified**

## **Lecture 9 - Linear Colliders**

*Wednesday, 22 February 2017 10:00 (1 hour)*

**Presenter:** Dr TECKER, Frank (CERN)

**Session Classification:** Week 6 - Linear Colliders

Contribution ID: 14

Type: **not specified**

## **Lecture 10 - Linear Collider Sub-systems I**

**Presenter:** TECKER, Frank (CERN)

**Session Classification:** Week 5 - Accelerator Applications

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 - Accelerator Applications



Contribution ID: 16

Type: **not specified**

## **Lecture 11 - Linear Collider Sub-systems II**

*Wednesday, 1 March 2017 10:00 (1 hour)*

**Presenter:** Dr TECKER, Frank (CERN)

**Session Classification:** Week 7 - Linear Colliders (continued)

Contribution ID: 17

Type: **not specified**

## **Lecture 12 - Linear Colliders - The Real Design**

*Thursday, 2 March 2017 10:00 (1 hour)*

**Presenter:** Dr TECKER, Frank (CERN)

**Session Classification:** Week 7 - Linear Colliders (continued)

Contribution ID: **18**

Type: **not specified**

## **Tutorial 7 - Compact X-ray Source with Laser-Plasma Injection Project**

*Thursday, 2 March 2017 14:15 (2 hours)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 7 - Linear Colliders (continued)

Contribution ID: 19

Type: **not specified**

## Lecture 13 - Instabilities I

*Wednesday, 8 March 2017 10:00 (1 hour)*

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

**Session Classification:** Week 8 - Instabilities

Contribution ID: 20

Type: **not specified**

## Lecture 14 - Instabilities II

*Thursday, 9 March 2017 10:00 (1 hour)*

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

**Session Classification:** Week 8 - Instabilities

Contribution ID: 21

Type: **not specified**

## **Compact X-ray Source with Laser-Plasma Injection - Final Presentation**

*Thursday, 9 March 2017 11:00 (1h 30m)*

**Session Classification:** Week 8 - Instabilities

Contribution ID: 25

Type: **not specified**

## **Lecture 10 - Linear Collider Sub-systems I**

*Thursday, 23 February 2017 10:00 (1 hour)*

**Presenter:** Dr TECKER, Frank (CERN)

**Session Classification:** Week 6 - Linear Colliders

Contribution ID: 26

Type: **not specified**

## **Tutorial 6 - Compact X-ray Source with Laser-Plasma Injection**

*Thursday, 23 February 2017 14:15 (2 hours)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 6 - Linear Colliders



Contribution ID: 27

Type: **not specified**

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

*Thursday, 19 January 2017 14:15 (2 hours)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 1 - Non-linear Effects

Contribution ID: 28

Type: **not specified**

## **Lecture 8 - Beam Transport**

*Thursday, 16 February 2017 10:00 (1 hour)*

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

**Session Classification:** Week 5 - Accelerator Applications

Contribution ID: 29

Type: **not specified**

## **Tutorial 8 - Compact X-ray Source with Laser-Plasma Injection Project**

*Wednesday, 8 March 2017 14:15 (2 hours)*

**Presenter:** Prof. TSESMELIS, Emmanuel (CERN)

**Session Classification:** Week 8 - Instabilities