

Introduction to Accelerator Physics - 2025

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to CERN and to the accelerator complex

Monday 3 February 2025 09:00 (1 hour)

Presenter: MANGLUNKI, Django

Contribution ID: 2

Type: **not specified**

Lecture - Introduction and DC accelerators

Monday 3 February 2025 10:00 (1 hour)

Presenter: HERNALSTEENS, Cedric (CERN)

Contribution ID: 3

Type: **not specified**

Lecture - Betatrons and linear accelerators

Monday 3 February 2025 11:20 (1h 10m)

Presenter: HERNALSTEENS, Cedric (CERN)

Contribution ID: 4

Type: **not specified**

Visit - LEIR, Roy Billinge room and Linac3

Monday 3 February 2025 14:45 (1 hour)

Presenters: HERNALSTEENS, Cedric (CERN); MANGLUNKI, Django; VANWELDE, Marion

Contribution ID: 5

Type: **not specified**

Tutorials - Tutorial 1

Monday 3 February 2025 16:00 (2 hours)

Presenters: HERNALSTEENS, Cedric (CERN); VANWELDE, Marion

Contribution ID: 6

Type: **not specified**

Lecture - Circular accelerators

Tuesday 4 February 2025 09:00 (1h 30m)

Presenter: VANWELDE, Marion

Contribution ID: 7

Type: **not specified**

Lecture - Transverse motion

Tuesday 4 February 2025 10:50 (1h 40m)

Presenter: VANWELDE, Marion

Contribution ID: 8

Type: **not specified**

Registration as professional visitors

Tuesday 4 February 2025 12:30 (1h 30m)

Contribution ID: 9

Type: **not specified**

Lecture - Transverse motion

Tuesday 4 February 2025 14:00 (1h 15m)

Presenter: VANWELDE, Marion

Contribution ID: **10**

Type: **not specified**

Visit - Antiproton decelerator

Tuesday 4 February 2025 17:00 (1 hour)

Contribution ID: **11**

Type: **not specified**

Tutorials - Tutorial 2

Tuesday 4 February 2025 18:00 (1 hour)

Contribution ID: 12

Type: **not specified**

Lecture - Longitudinal motion

Wednesday 5 February 2025 09:00 (1h 30m)

Presenter: HERNALSTEENS, Cedric (CERN)

Contribution ID: 13

Type: **not specified**

Lecture - Longitudinal motion

Wednesday 5 February 2025 10:50 (1h 55m)

Presenter: HERNALSTEENS, Cedric (CERN)

Contribution ID: 14

Type: **not specified**

Visit - Magnet factory

Contribution ID: **15**

Type: **not specified**

Visit - ISOLDE

Wednesday 5 February 2025 14:00 (1h 30m)

Contribution ID: **16**

Type: **not specified**

Tutorials - Tutorial 3

Wednesday 5 February 2025 16:30 (2 hours)

Contribution ID: 17

Type: **not specified**

Lecture - Cyclotrons

Thursday 6 February 2025 08:30 (1h 20m)

Presenter: HERNALSTEENS, Cedric (CERN)

Contribution ID: **18**

Type: **not specified**

Lecture - Synchrotrons

Thursday 6 February 2025 15:20 (1h 40m)

Presenter: HERNALSTEENS, Cedric (CERN)

Contribution ID: **19**

Type: **not specified**

Seminar - Experimental high energy physics

Thursday 6 February 2025 10:00 (2 hours)

Contribution ID: **20**

Type: **not specified**

Visit - ATLAS

Thursday 6 February 2025 13:00 (2 hours)

Presenter: POTAMIANOS, Karolos (University of Warwick (GB))

Contribution ID: **21**

Type: **not specified**

Tutorials - Tutorial 4

Thursday 6 February 2025 17:00 (1h 30m)

Contribution ID: 22

Type: **not specified**

Visit - PS

Contribution ID: 23

Type: **not specified**

Lecture - Colliders

Friday 7 February 2025 09:00 (1h 30m)

Presenter: HERNALSTEENS, Cedric (CERN)

Contribution ID: 24

Type: **not specified**

Visit - CCC

Friday 7 February 2025 13:00 (1 hour)

Contribution ID: 25

Type: **not specified**

Seminar - Proton and ion filling schemes for the LHC

Friday 7 February 2025 10:50 (1h 10m)

Presenter: MANGLUNKI, Django

Contribution ID: 26

Type: **not specified**

Visit - North area

Contribution ID: 27

Type: **not specified**

Visit - HiRadMat

Friday 7 February 2025 14:00 (1h 30m)

Contribution ID: 28

Type: **not specified**

Close out and Q&A

Friday 7 February 2025 16:00 (1h 30m)

Contribution ID: 29

Type: **not specified**

Visit - PS

Tuesday 4 February 2025 15:35 (1h 25m)

Presenters: HUSCHAUER, Alexander (CERN); HERNALSTEENS, Cedric (CERN)

Contribution ID: **30**

Type: **not specified**

Visit - Synchrocyclotron

Monday 3 February 2025 13:55 (40 minutes)

Presenters: MANGLUNKI, Django; VANWELDE, Marion

Contribution ID: **31**

Type: **not specified**

Lecture - Longitudinal motion

Wednesday 5 February 2025 15:50 (40 minutes)

Presenter: HERNALSTEENS, Cedric (CERN)