

Session Program

14-28 Sept 2023

Beamline for Schools 2023

Program at CERN

CERN, 1/1-025

Thursday 14 September

09:00

Program at CERN

Session

17:00-18:00 Introduction session

Speaker

Sarah Zochling

Location

CERN, 13/2-005

20:00

18:00-20:00 Welcome and Dinner

Friday 15 September

08:20

Program at CERN: Safety Day

Session

08:20–08:40 Walk together to the Safety Day

Speaker

Sarah Zochling

Location

CERN, in front of building 38

08:45–09:00 Introduction on Safety

Speaker

Christoph Balle

Location

CERN, 6/2-024 - BE Auditorium Meyrin

09:00–09:20 Environmental Protection

Speaker

Anna Cook

Location

CERN, 6/2-024 - BE Auditorium Meyrin

09:20–09:30 Safety Signs and Alarms

Speaker

Christoph Balle

Location

CERN, 6/2-024 - BE Auditorium Meyrin

09:30–09:40 Break

09:40–10:00 Electrical Safety

Speaker

Igor Neuhold

Location

CERN, 6/2-024 - BE Auditorium Meyrin

10:00–10:20 Radiation protection

Speaker

Robert Froeschl

Location

CERN, 6/2-024 - BE Auditorium Meyrin

10:20–10:50 Cryogenics

Speaker

Dr Patricia Tavares Coutinho Borges De Sousa

Location CERN, 6/2-024 - BE Auditorium Meyrin
10:50-12:30 Time to complete the online safety courses Location CERN, 6/2-024 - BE Auditorium Meyrin
12:30-13:30 Lunch Break
13:45-14:15 Transfer to the Safety Training Center in Preveessin Location CERN, in front of building 300
14:30-15:00 First Aid - Group 1 Location CERN, 6959
14:30-15:00 Magnetic Fields - Group 3 Location CERN, 6959
14:30-15:00 Fire Extinguishers - Group 2 Location CERN, 6959
15:15-15:45 Fire Extinguishers - Group 3 Location CERN, 6959
15:15-15:45 First Aid - Group 2 Location CERN, 6959
15:15-15:45 Magnetic Fields - Group 1 Location CERN, 6959
16:00-16:30 Magnetic Fields - Group 2 Location CERN, 6959
16:00-16:30 First Aid - Group 3 Location CERN, 6959
16:00-16:30 Fire Extinguishers - Group 1 Location CERN, 6959
16:30-16:45 LHC tunnel - emergency alarms

16:50-17:10

Transfer to Meyrin

18:00-19:30

Welcome Reception

Location

CERN, 500/1-201 - Mezzanine

21:00

Saturday 16 September

11:30

Program at CERN

Session

11:30-13:00 **Lunch Break**

13:00-14:00 **Introduction to the data acquisition system - Part 1**

Speakers

Berare Gokturk, Martin Schwinzerl

Location

CERN, 500/1-001 - Main Auditorium

14:00-14:10 **Introduction to the hands-on activity**

Speaker

Markus Joos

Location

CERN, 500/1-001 - Main Auditorium

14:10-14:30 **Computing Quiz**

Speaker

Markus Joos

Location

CERN, 500/1-001 - Main Auditorium

14:30-15:30 **Computing at CERN**

Speaker

Markus Joos

Location

CERN, 500/1-001 - Main Auditorium

15:45-16:45 **LEIR visit - Group 1&2**

Speaker

Sarah Zoehling

Location

CERN, 150

15:45-16:45 **First Beam - Group 3&4**

Speakers

Berare Gokturk, Martin Schwinzerl

Location

CERN, 157

17:00-18:00 **First Beam - Group 1&2**

Speakers

Berare Gokturk, Martin Schwinzerl

Location

CERN, 157

17:00-18:00

LEIR visits - Group 3&4

Speaker

Sarah Zochling

Location

CERN, 150

18:30

Sunday 17 September

09:00

Program at CERN

Session

09:00-09:30

Lunch boxes

19:00

09:30-17:30

Sightseeing in Geneva

Monday 18 September

09:00

Program at CERN

Session

09:00-10:00 **Introduction to data analysis - Part 2**

Speakers

Berare Gokturk, Martin Schwinzerl

Location

CERN, 6/2-024 - BE Auditorium Meyrin

10:00

10:30

Program at CERN

Session

15:00-19:00 **Visiting the Pakistani Embassy**

20:30

Tuesday 19 September

09:30

Program at CERN

Session

12:15-13:15 **Departure of Aubrey (Team 'Myriad Magnets')**

16:00-17:00 **Cherenkov detectors**

Speaker

Maarten Van Dijk

Location

CERN, 6/R-012 - conference room

18:35-19:10 **Visit to the Synchrocyclotron**

Speaker

Sarah Zochling

Location

CERN, in front of building 300

19:30

Wednesday 20 September

09:30

Program at CERN

Session

10:30-11:20 Photo session

Speaker

Chetna Krishna

11:30-11:50 Group photo

Speaker

Chetna Krishna

Location

CERN, R1 dipole magnet

14:00-15:00 Visit of the US ambassador

15:20

17:00

Program at CERN

Session

17:00-18:00 Visit of the T10 test beam experimental area

Location

CERN, 157

18:00-19:30 10th edition reception

Location

CERN, 500/1-201 - Mezzanine

20:00

Thursday 21 September

09:30

Program at CERN

Session

10:00-11:30 Interviews - Feynman Diagrams

14:30-16:30 Interviews - Feynman Diagrams

16:30-17:30 Visit to Antimatter Factory

19:30

Friday 22 September

09:30

Program at CERN

Session

09:30-10:30 **Data Analysis - Group 2, 3, & 4**

Location

CERN, 6/R-012 - conference room

10:30-11:30

Luminosity measurement in CMS and high energy physics experiments

Speaker

Andres Guillermo Delannoy Sotomayor

Location

CERN, 6/R-012 - conference room

15:30-18:00 **Visit to CERN Control Centre and Neutrino Platform**

Location

CERN, in front of building 300

19:30

Saturday 23 September

09:30

22:00

Program at CERN	
Session	
09:30-14:10	Test Beam - Particular Perspective (incl. lunch break)
14:10-18:00	Test Beam - Myriad Magnets
18:00-22:00	Dinner in Geneva
Location CERN, in front of building 38	

Sunday 24 September

09:30

22:30

Program at CERN
Session

Monday 25 September

09:30

19:30

Program at CERN
Session

Tuesday 26 September

09:30

19:30

Program at CERN

Session

10:30-11:30 **The LHC: Journey to the Early Universe**

Speaker

Hafeez Hoorani

Location

CERN, 6/R-012 - conference room

Wednesday 27 September

08:45

Program at CERN

Session

08:45-10:00 Visit to Science Gateway

Speaker

Patrick Geeraert

Location

CERN, 33 - CERN Reception

10:00-11:00 Time to work on the final presentations

Location

CERN, 1/1-025

18:00-22:00 Closing Evening and Dinner

22:30

Thursday 28 September

09:00

Program at CERN

Session

12:15-13:15

Departure of the team 'Myriad Magnets'

19:00

15:00-16:00

Departure of the team 'Particular Perspective'