

Beamline for Schools 2019

Report of Contributions

Contribution ID: **65**

Type: **not specified**

Beam day 2

Sunday 20 October 2019 08:00 (1 minute)

Contribution ID: **66**

Type: **not specified**

Beam day 3

Monday 21 October 2019 08:00 (1 minute)

Contribution ID: **67**

Type: **not specified**

Beam day 4

Tuesday 22 October 2019 08:00 (1 minute)

Contribution ID: **68**

Type: **not specified**

Beam day 5

Wednesday 23 October 2019 08:00 (1 minute)

There will be no afternoon shift in the control room. The morning shift has to leave earlier to have lunch before the Sponsor/VIP Day.

Contribution ID: **70**

Type: **not specified**

Beam day 7

Friday 25 October 2019 08:00 (1 minute)

Contribution ID: 71

Type: **not specified**

Beam day 8

Saturday 26 October 2019 08:00 (1 minute)

Contribution ID: 72

Type: **not specified**

Beam day 9

Sunday 27 October 2019 08:00 (1 minute)

Contribution ID: 73

Type: **not specified**

Final presentations of the results of both teams

Monday 28 October 2019 15:00 (1 hour)

Summary

Contribution ID: 74

Type: **not specified**

Beamline disassembly (for support scientists)

Monday 28 October 2019 08:00 (1 minute)

Contribution ID: **83**

Type: **not specified**

Daily meeting to discuss the plan of the day

Sunday 20 October 2019 10:00 (30 minutes)

Afterwards we will go together to the data analysis room as well as the experimental hall, where the first shift crew will stay.

Summary

Contribution ID: **84**

Type: **not specified**

Welcome reception

Thursday 17 October 2019 18:00 (1 hour)

Contribution ID: 85

Type: **not specified**

Daily meeting to discuss the plan of the day

Monday 21 October 2019 09:00 (30 minutes)

Contribution ID: **86**

Type: **not specified**

Daily meeting to discuss the plan of the day

Tuesday 22 October 2019 09:00 (30 minutes)

Contribution ID: 87

Type: **not specified**

Daily meeting to discuss the plan of the day

Wednesday 23 October 2019 09:00 (30 minutes)

Contribution ID: **88**

Type: **not specified**

Daily meeting to discuss the plan of the day

Friday 25 October 2019 09:00 (30 minutes)

The film crew will accompany us in the morning for the BL4S documentary.

Contribution ID: **89**

Type: **not specified**

Daily meeting to discuss the plan of the day

Saturday 26 October 2019 09:00 (30 minutes)

Do not forget the time shift from Saturday to Sunday. You will have to set your watches one hour backwards during the next night, so you will have one hour more. :)

Contribution ID: **90**

Type: **not specified**

Daily meeting to discuss the plan of the day

Sunday 27 October 2019 09:00 (30 minutes)

Contribution ID: **113**

Type: **not specified**

Arrival at CERN Globe of Science and Innovation

Visit the Universe of Particles exhibit.

View the scale images in the Globe of Science and Innovation internal ramp.

Contribution ID: **114**

Type: **not specified**

Presentation of the BL4S project

Presenter: JOOS, Markus (CERN)

Contribution ID: 115

Type: **not specified**

Presentation of the team "Relatively special"

Contribution ID: **116**

Type: **not specified**

Presentation of the team "Pyramid hunters"

Contribution ID: **117**

Type: **not specified**

Presentation of ALCOA

Contribution ID: **119**

Type: **not specified**

Presentation of National Instruments

Contribution ID: **120**

Type: **not specified**

Coffee

Contribution ID: **121**

Type: **not specified**

Visit to T9

Contribution ID: **125**

Type: **not specified**

Time for discussion

Contribution ID: **126**

Type: **not specified**

Transfer to building 157 (East Hall)

Contribution ID: **127**

Type: **not specified**

Continuation of the visit at the AD (only for the company representatives)

Contribution ID: **128**

Type: **not specified**

Message from Motorola

Contribution ID: 133

Type: **not specified**

A word from the Director for International Relations

Presenter: WARAKAULLE, Charlotte Lindberg (CERN)

Contribution ID: **139**

Type: **not specified**

Beam day 6

Thursday 24 October 2019 08:00 (1 minute)

Contribution ID: **140**

Type: **not specified**

Daily meeting to discuss the plan of the day

Thursday 24 October 2019 09:00 (30 minutes)

Contribution ID: **145**

Type: **not specified**

Presentation of team Particle Peers' experiment

Saturday 19 October 2019 09:00 (15 minutes)

Meeting point: seminar room 1

Contribution ID: **146**

Type: **not specified**

Presentation of team DESY Chain's experiment

Saturday 19 October 2019 09:15 (15 minutes)

Contribution ID: **147**

Type: **not specified**

The DESY beamline and the particle beam provided to the experiments

Saturday 19 October 2019 10:00 (30 minutes)

Presenter: STANITZKI, Marcel (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: **148**

Type: **not specified**

An introduction to the data acquisition system

Saturday 19 October 2019 11:15 (1 hour)

Presenters: BEIRAO DA CRUZ E SILVA, Cristovao (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part); SCHÜTZE, Paul (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: **151**

Type: **not specified**

Official dinner

Saturday 19 October 2019 19:00 (3 hours)

Restaurant: Hamburger Elbspeicher (<https://www.hamburger-elbspeicher.de>)

Address: Große Elbstraße 39, 22767 Hamburg

Contribution ID: **156**

Type: **not specified**

Arrival of the teams, registration and check-in

Wednesday 16 October 2019 11:00 (5 hours)

Check In Time: 14h

Contribution ID: **157**

Type: **not specified**

Welcome and organisation

Wednesday 16 October 2019 16:00 (40 minutes)

Introduction and distribution of welcome bags

Presenters: ARETZ, Sarah (CERN); WARMBEIN, Barbara (DESY)

Contribution ID: **159**

Type: **not specified**

First beam with the students

Saturday 19 October 2019 13:45 (3h 15m)

The film crew will accompany us in the afternoon for the BL4S documentary.

Schedule: Interviews with students, visiting the experiments for the first time, first beam through the experiments.

Contribution ID: **160**

Type: **not specified**

Introduction to data analysis

Sunday 20 October 2019 09:00 (1 hour)

Presenters: BEIRAO DA CRUZ E SILVA, Cristovao (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part); SCHÜTZE, Paul (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: **161**

Type: **not specified**

Departure for the official dinner

Saturday 19 October 2019 18:00 (1 hour)

Meeting point: 18h at DESY gate

Summary

Contribution ID: **166**

Type: **not specified**

Focus group

Wednesday 23 October 2019 09:30 (1 hour)

The CERN & Society foundation (our sponsors) would like to get some feedback from you. At least half of each team should be present.

Summary

Contribution ID: **171**

Type: **not specified**

Visit: XFEL

Friday 25 October 2019 13:00 (3 hours)

Meeting point: 13h at the roundabout

Please do not forget your ticket for public transportation and wear closed, flat shoes.

Contribution ID: **185**

Type: **not specified**

Departure of teams

Tuesday 29 October 2019 04:00 (8 hours)

Please hand over the room keys at the main gate just before we meet there.

DESY Chain: we meet at 4 am at the main gate

Particle peers: we meet at 11 am at the main gate

Contribution ID: **196**

Type: **not specified**

Beam day 1

Saturday 19 October 2019 08:59 (1 minute)

Summary

Contribution ID: **201**

Type: **not specified**

Detector museum at HERA West

Friday 18 October 2019 16:15 (30 minutes)

Presenter: SCHÜTZE, Paul (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Visits

Contribution ID: **202**

Type: **not specified**

HERA accelerator

Friday 18 October 2019 16:45 (45 minutes)

Presenter: SCHÜTZE, Paul (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Visits

Contribution ID: **203**

Type: **not specified**

Fire safety

Friday 18 October 2019 08:45 (1h 45m)

Summary

Presenter: SARETZKI, Fabian

Session Classification: Safety day

Contribution ID: **204**

Type: **not specified**

Cryogenic safety

Friday 18 October 2019 11:15 (45 minutes)

Presenter: SCHNAUTZ, Tobias (DESY)

Session Classification: Safety day

Contribution ID: **205**

Type: **not specified**

Computing safety

Friday 18 October 2019 13:30 (45 minutes)

Summary

Presenters: STERNBERGER, Sven (DESY); KEMP, Yves (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Safety day

Contribution ID: **207**

Type: **not specified**

Presentation of teams

Wednesday 16 October 2019 16:40 (20 minutes)

Both teams should briefly introduce themselves and where they are coming from.

Contribution ID: **208**

Type: **not specified**

Visit of teachers at DESY

Tuesday 22 October 2019 17:30 (1 hour)

Local teachers are at DESY for a training and will visit us at the beamline. Students not being on shift are also welcome to join to explain your experiments.

Contribution ID: **210**

Type: **not specified**

Radiation protection

Friday 18 October 2019 14:15 (1h 45m)

School lab (physik.begreifen)

Presenter: ONG, Karen

Session Classification: Safety day

Contribution ID: **211**

Type: **not specified**

Safety at the beamline

Saturday 19 October 2019 10:30 (30 minutes)

Presenter: STANITZKI, Marcel (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: **212**

Type: **not specified**

Travel to city center

Thursday 17 October 2019 08:45 (45 minutes)

Session Classification: Sightseeing tour Hamburg

Contribution ID: **213**

Type: **not specified**

Visit of city center

Thursday 17 October 2019 09:30 (2 hours)

Visit includes view into town hall, Memorial St. Nikolai and St. Michaelis church

Session Classification: Sightseeing tour Hamburg

Contribution ID: 214

Type: **not specified**

Walk to museum ship San Diego

Thursday 17 October 2019 13:30 (15 minutes)

Session Classification: Sightseeing tour Hamburg

Contribution ID: **215**

Type: **not specified**

Big harbour circuit tour

Thursday 17 October 2019 11:30 (2 hours)

Lunch on ship with brought lunch packages from DESY

Session Classification: Sightseeing tour Hamburg

Contribution ID: **216**

Type: **not specified**

Museum ship San Diego

Thursday 17 October 2019 13:45 (1 hour)

Audioguides will be available

Session Classification: Sightseeing tour Hamburg

Contribution ID: **217**

Type: **not specified**

Walk to Elbphilharmonie

Thursday 17 October 2019 14:45 (15 minutes)

Session Classification: Sightseeing tour Hamburg

Contribution ID: **218**

Type: **not specified**

Plaza Elbphilharmonie

Thursday 17 October 2019 15:00 (45 minutes)

Session Classification: Sightseeing tour Hamburg

Contribution ID: **219**

Type: **not specified**

Travel back to DESY

Thursday 17 October 2019 15:45 (45 minutes)

Session Classification: Sightseeing tour Hamburg

Contribution ID: **220**

Type: **not specified**

Get your lunch packages

Thursday 17 October 2019 08:15 (30 minutes)

Please get your lunch packages until 8h20 latest in the restaurant. Then we will go together to the bus station for the bus leaving at 08h41.

Contribution ID: **221**

Type: **not specified**

Directorate welcome

Friday 18 October 2019 10:30 (30 minutes)

Presenter: DOSCH, Helmut

Session Classification: Safety day

Contribution ID: **222**

Type: **not specified**

Welcome Addresses

Wednesday 23 October 2019 14:30 (15 minutes)

Addresses by DESY, CERN&Society and VIPS

Session Classification: Sponsor/VIP day

Contribution ID: **223**

Type: **not specified**

Introductions of Beamline for Schools teams

Wednesday 23 October 2019 14:45 (15 minutes)

5 minutes each for short team introductions of the teams “DESY Chain” and “Particle Peers”

Summary

Session Classification: Sponsor/VIP day

Contribution ID: **224**

Type: **not specified**

Addresses by this year's sponsors

Wednesday 23 October 2019 14:55 (20 minutes)

5 minutes from Arconic Foundation and Wilhelm und Else Heräus-Stiftung

Summary

Session Classification: Sponsor/VIP day

Contribution ID: 225

Type: **not specified**

Transport from building 1 to 48f

Wednesday 23 October 2019 15:20 (5 minutes)

Session Classification: Sponsor/VIP day

Contribution ID: **226**

Type: **not specified**

Introduction to DESY, walk to 47c, visit PETRA III

Wednesday 23 October 2019 15:25 (35 minutes)

Session Classification: Sponsor/VIP day

Contribution ID: **227**

Type: **not specified**

Transport from PETRA III (47c) to Testbeam (27)

Wednesday 23 October 2019 16:00 (10 minutes)

Session Classification: Sponsor/VIP day

Contribution ID: 228

Type: **not specified**

Visit of test beam area, project presentation and discussion with students, snacks

Wednesday 23 October 2019 16:10 (50 minutes)

Session Classification: Sponsor/VIP day

Contribution ID: **229**

Type: **not specified**

Visit: PETRA III synchrotron radiation facility

Saturday 26 October 2019 17:30 (1 hour)

Meeting point: control room

This visit is for shift crew 1. Shift crew 3 has this visit on Thursday. People in shift crew 2 can choose, in which of the visits to take part, the same applies to the team coaches.

Presenter: SCHÜTZE, Paul (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: **230**

Type: **not specified**

Visit: PETRA III synchrotron radiation facility

Thursday 24 October 2019 17:30 (1 hour)

Meeting point: control room

This visit is for shift crew 3. Shift crew 1 will have this visit on Saturday. People in shift crew 2 can choose, in which of the visits to take part, the same applies to the team coaches.

Presenter: SCHÜTZE, Paul (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: **231**

Type: **not specified**

Introduction: DESY

Wednesday 16 October 2019 17:00 (1 hour)

Presenter: STANITZKI, Marcel (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: **232**

Type: **not specified**

Dinner

Saturday 26 October 2019 19:00 (2 hours)

Cold food will be stored for us in the bistro (where the welcome reception took place).

Contribution ID: **233**

Type: **not specified**

Lunch

Saturday 26 October 2019 12:00 (2 hours)

Vegetarian lasagne is made only for our group, additional snacks can be taken as usual.

Contribution ID: 234

Type: **not specified**

Closing evening

Monday 28 October 2019 20:00 (1h 30m)

After dinner we will have a common evening together with a little closing concert at the ground floor of the restaurant.

Contribution ID: 235

Type: **not specified**

Lecture about computing and engineering at CERN (optional)

Monday 28 October 2019 10:00 (1h 15m)

Presenter: JOOS, Markus (CERN)