

**Postponed: Introduction to
Accelerator Physics, 30 August
- 12 September 2020,
Chavannes-de-Bogis,
Switzerland**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Arrival day and registration

Postponed: Intr ... / Report of Contributions

Opening

Contribution ID: 2

Type: **not specified**

Opening

Monday 31 August 2020 08:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 3

Type: **not specified**

Electromagnetic Theory I

Monday 31 August 2020 09:45 (1 hour)

Presenter: HERR, Werner (CERN)

Contribution ID: 4

Type: **not specified**

History of particle acceleration

Monday 31 August 2020 11:15 (1 hour)

Presenter: LEBRUN, Philippe (European Scientific Institute (FR))

Contribution ID: 5

Type: **not specified**

Electromagnetic Theory II

Monday 31 August 2020 13:45 (1 hour)

Presenter: HERR, Werner (CERN)

Contribution ID: 6

Type: **not specified**

Accelerator Applications

Monday 31 August 2020 15:00 (1 hour)

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

Contribution ID: 7

Type: **not specified**

Kinematics of Particle Beams - Relativity

Monday 31 August 2020 16:30 (1 hour)

Presenter: HERR, Werner (CERN)

Contribution ID: 8

Type: **not specified**

Transverse Linear Beam Dynamics I

Tuesday 1 September 2020 08:30 (1 hour)

Presenter: HILLERT, Wolfgang (University of Hamburg)

Contribution ID: 9

Type: **not specified**

Transverse Linear Beam Dynamics II

Tuesday 1 September 2020 09:45 (1 hour)

Presenter: HILLERT, Wolfgang (University of Hamburg)

Contribution ID: **10**

Type: **not specified**

Particle motion in Hamiltonian Formalism I

Tuesday 1 September 2020 15:00 (1 hour)

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

Contribution ID: **11**

Type: **not specified**

Particle motion in Hamiltonian Formalism II

Tuesday 1 September 2020 17:30 (1 hour)

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

Contribution ID: 12

Type: **not specified**

Linear Accelerators I

Tuesday 1 September 2020 11:15 (1 hour)

Presenter: ALESINI, David

Contribution ID: 13

Type: **not specified**

Longitudinal BD in Circular Machines I

Tuesday 1 September 2020 16:30 (1 hour)

Presenter: TECKER, Frank (CERN)

Contribution ID: 14

Type: **not specified**

Linear Accelerators II

Tuesday 1 September 2020 13:45 (1 hour)

Presenter: ALESINI, David

Contribution ID: 15

Type: **not specified**

Longitudinal BD in Circular Machines II

Wednesday 2 September 2020 08:30 (1 hour)

Presenter: TECKER, Frank (CERN)

Contribution ID: 16

Type: **not specified**

Transverse Linear Beam Dynamics III

Wednesday 2 September 2020 09:45 (1 hour)

Presenter: HILLERT, Wolfgang (University of Hamburg)

Contribution ID: 17

Type: **not specified**

1 Slide - 1 Minute

Monday 31 August 2020 17:30 (1 hour)

Contribution ID: **18**

Type: **not specified**

Warm Magnets / power converters

Wednesday 2 September 2020 11:15 (1 hour)

Presenter: DE RIJK, Gijs (CERN)

Contribution ID: 19

Type: **not specified**

Transverse Linear Beam Dynamics IV

Wednesday 2 September 2020 13:45 (1 hour)

Presenter: HILLERT, Wolfgang (University of Hamburg)

Contribution ID: 20

Type: **not specified**

Injection and Extraction

Wednesday 2 September 2020 15:00 (1 hour)

Presenter: TECKER, Frank (CERN)

Contribution ID: 21

Type: **not specified**

Hands-ON Lattice calculations - Introduction

Wednesday 2 September 2020 16:30 (1 hour)

Presenters: STERBINI, Guido (CERN); ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 22

Type: **not specified**

Hands-ON Lattice calculations I

Wednesday 2 September 2020 17:30 (1 hour)

Presenters: STERBINI, Guido (CERN); ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 23

Type: **not specified**

Hands-ON Lattice calculations II

Wednesday 2 September 2020 18:30 (1 hour)

Presenters: STERBINI, Guido (CERN); ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 24

Type: **not specified**

Superconducting Magnets

Thursday 3 September 2020 08:30 (1 hour)

Presenters: DE RIJK, Gijs (CERN); DE RIJK, Gijs (CERN)

Contribution ID: 25

Type: **not specified**

Transverse Linear Beam Dynamics V

Thursday 3 September 2020 09:45 (1 hour)

Presenter: HILLERT, Wolfgang (University of Hamburg)

Contribution ID: 26

Type: **not specified**

Time and Frequency domain signals I

Thursday 3 September 2020 11:15 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 27

Type: **not specified**

Time and Frequency domain signals II

Thursday 3 September 2020 13:45 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 28

Type: **not specified**

Statistical Description of Particle Beams

Thursday 3 September 2020 15:00 (1 hour)

Presenter: FERRARIO, Massimo (INFN-LNF)

Contribution ID: 29

Type: **not specified**

Advanced accelerator concepts

Thursday 3 September 2020 16:30 (1 hour)

Presenter: FERRARIO, Massimo (INFN-LNF)

Contribution ID: **30**

Type: **not specified**

Discussion session

Thursday 3 September 2020 17:30 (1 hour)

Contribution ID: **31**

Type: **not specified**

Linear Imperfections I

Friday 4 September 2020 13:45 (1 hour)

Presenter: ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 32

Type: **not specified**

Linear Imperfections II

Friday 4 September 2020 15:00 (1 hour)

Presenter: ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 33

Type: **not specified**

Hands-ON Lattice calculations III

Friday 4 September 2020 16:30 (1 hour)

Presenters: STERBINI, Guido (CERN); ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 34

Type: **not specified**

Hands-ON Lattice calculations IV

Friday 4 September 2020 17:30 (1 hour)

Presenters: STERBINI, Guido (CERN); ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 35

Type: **not specified**

Collective Effects I

Saturday 5 September 2020 08:30 (1 hour)

Presenter: LI, Kevin Shing Bruce (CERN)

Contribution ID: **36**

Type: **not specified**

Collective Effects II

Saturday 5 September 2020 09:45 (1 hour)

Presenter: LI, Kevin Shing Bruce (CERN)

Contribution ID: 37

Type: **not specified**

Sources

Saturday 5 September 2020 11:15 (1 hour)

Presenter: FAIRCLOTH, Dan (STFC)

Contribution ID: **38**

Type: **not specified**

Linear Imperfections - Corrections

Saturday 5 September 2020 13:45 (1 hour)

Presenter: ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 39

Type: **not specified**

Secondary beams and targets

Saturday 5 September 2020 15:00 (1 hour)

Presenter: FAIRCLOTH, Dan (STFC)

Contribution ID: 40

Type: **not specified**

Hands-ON Lattice calculations V

Saturday 5 September 2020 16:30 (1 hour)

Presenters: STERBINI, Guido (CERN); ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 41

Type: **not specified**

Hands-ON Lattice calculations VI

Saturday 5 September 2020 17:30 (1 hour)

Presenters: STERBINI, Guido (CERN); ZIEMANN, Volker (Uppsala University (SE))

Contribution ID: 42

Type: **not specified**

Collective Effects III

Monday 7 September 2020 08:30 (1 hour)

Presenter: LI, Kevin Shing Bruce (CERN)

Contribution ID: 43

Type: **not specified**

Collective Effects IV

Monday 7 September 2020 09:45 (1 hour)

Presenter: LI, Kevin Shing Bruce (CERN)

Contribution ID: 44

Type: **not specified**

Discussion collective effects

Monday 7 September 2020 11:15 (1 hour)

Presenter: LI, Kevin Shing Bruce (CERN)

Contribution ID: 45

Type: **not specified**

RF systems I

Monday 7 September 2020 13:45 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 46

Type: **not specified**

Hands-ON calculations (longitudinal) - Intro

Monday 7 September 2020 15:00 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 47

Type: **not specified**

Hands-ON calculations (longitudinal) - I

Monday 7 September 2020 16:30 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 48

Type: **not specified**

Hands-ON calculations (longitudinal) - II

Monday 7 September 2020 17:30 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 49

Type: **not specified**

Electron Beam Dynamics I

Tuesday 8 September 2020 08:30 (1 hour)

Presenter: RIVKIN, Lenny (Paul Scherrer Institut (CH))

Contribution ID: 50

Type: **not specified**

Electron Beam Dynamics II

Tuesday 8 September 2020 09:45 (1 hour)

Presenter: RIVKIN, Lenny (Paul Scherrer Institut (CH))

Contribution ID: 51

Type: **not specified**

Discussion electron beam dynamics

Tuesday 8 September 2020 11:15 (1 hour)

Presenter: RIVKIN, Lenny (Paul Scherrer Institut (CH))

Contribution ID: 52

Type: **not specified**

RF systems II

Tuesday 8 September 2020 13:45 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 53

Type: **not specified**

Introduction to Non-Linear longitudinal Beam Dynamics

Tuesday 8 September 2020 15:00 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 54

Type: **not specified**

Hands-ON calculations (longitudinal) - III

Tuesday 8 September 2020 16:30 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 55

Type: **not specified**

Hands-ON calculations (longitudinal) - IV

Tuesday 8 September 2020 17:30 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 56

Type: **not specified**

Luminosity and Colliders

Wednesday 9 September 2020 13:45 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 57

Type: **not specified**

Beam Instrumentation

Wednesday 9 September 2020 15:00 (1 hour)

Presenter: FORCK, Peter (GSI)

Contribution ID: 58

Type: **not specified**

Q&A/study time I

Wednesday 9 September 2020 16:30 (1 hour)

Presenter: ALL

Contribution ID: 59

Type: **not specified**

Poster session

Wednesday 9 September 2020 17:30 (1 hour)

Contribution ID: **60**

Type: **not specified**

Machine & People Protection Issues

Thursday 10 September 2020 08:30 (1 hour)

Presenter: FORCK, Peter (GSI)

Contribution ID: **61**

Type: **not specified**

Cyclotrons I

Thursday 10 September 2020 09:45 (1 hour)

Presenter: SEIDEL, Mike (PSI)

Contribution ID: **62**

Type: **not specified**

A first taste of Non-Linear Beam Dynamics I

Thursday 10 September 2020 11:15 (1 hour)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: **63**

Type: **not specified**

Cyclotrons II/FFAs

Thursday 10 September 2020 13:45 (1 hour)

Presenter: SEIDEL, Mike (PSI)

Contribution ID: **64**

Type: **not specified**

Beam Diagnostics

Thursday 10 September 2020 15:00 (1 hour)

Presenter: FORCK, Peter (GSI)

Contribution ID: 65

Type: **not specified**

Q&A/study time II

Thursday 10 September 2020 16:30 (1 hour)

Presenter: ALL

Contribution ID: 66

Type: **not specified**

**** Seminar ** What is the source of acceleration for most of the relativistic particles in the Universe?**

Thursday 10 September 2020 17:30 (1 hour)

Presenter: Dr BOBIK, Pavol

Contribution ID: 67

Type: **not specified**

Vacuum

Friday 11 September 2020 08:30 (1 hour)

Presenter: SEIDEL, Mike (PSI)

Contribution ID: 68

Type: **not specified**

A first taste of Non-Linear Beam Dynamics II

Friday 11 September 2020 09:45 (1 hour)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: **69**

Type: **not specified**

Synchrotron light circular machines

Friday 11 September 2020 11:15 (1 hour)

Presenter: PRAT COSTA, Eduard (PSI - Paul Scherrer Institute)

Contribution ID: 70

Type: **not specified**

FELs

Friday 11 September 2020 13:45 (1 hour)

Presenter: PRAT COSTA, Eduard (PSI - Paul Scherrer Institute)

Contribution ID: 71

Type: **not specified**

Designing a synchrotron - a real life example

Friday 11 September 2020 15:00 (1 hour)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 72

Type: **not specified**

Closing

Friday 11 September 2020 16:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)