

**CAS Advanced Accelerator
Physics, 9-21 June 2019,
Slangerup, Denmark**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Arrival day and registration

Sunday, 9 June 2019 08:30 (11 hours)

Contribution ID: 2

Type: **not specified**

Opening

Monday, 10 June 2019 08:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 3

Type: **not specified**

Recap Transverse Beam Dynamics I

Monday, 10 June 2019 09:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 4

Type: **not specified**

Intro to RF measurement techniques I

Monday, 10 June 2019 11:00 (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: 5

Type: **not specified**

Intro to Beam Instrumentation and Diagnostics I

Monday, 10 June 2019 12:00 (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: 6

Type: **not specified**

Recap Transverse Beam Dynamics II

Monday, 10 June 2019 14:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 7

Type: **not specified**

Intro to Optics Design

Monday, 10 June 2019 15:30 (1 hour)

Presenter: STERBINI, Guido (CERN)

Contribution ID: 8

Type: **not specified**

One slide - one minute

Monday, 10 June 2019 17:00 (1 hour)

Contribution ID: 9

Type: **not specified**

Lattice Cells

Tuesday, 11 June 2019 08:30 (1 hour)

Presenter: STERBINI, Guido (CERN)

Contribution ID: **10**

Type: **not specified**

Intro to RF measurement techniques II

Tuesday, 11 June 2019 09:30 (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: 11

Type: **not specified**

Intro to Beam Instrumentation and Diagnostics II

Tuesday, 11 June 2019 11:00 (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: 12

Type: **not specified**

Insertions & Dispersion Suppressors

Tuesday, 11 June 2019 12:00 (1 hour)

Presenter: STERBINI, Guido (CERN)

Contribution ID: 13

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Tuesday, 11 June 2019 14:30 (2 hours)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 14

Type: **not specified**

Practical course: RF Measurement Techniques

Tuesday, 11 June 2019 14:30 (2 hours)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 15

Type: **not specified**

Practical course: Optics design and Correction

Tuesday, 11 June 2019 14:30 (1h 59m)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 16

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Tuesday, 11 June 2019 17:00 (1h 30m)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 17

Type: **not specified**

Practical course: RF Measurement Techniques

Tuesday, 11 June 2019 17:00 (1h 30m)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: **18**

Type: **not specified**

Practical course: Optics design and Correction

Tuesday, 11 June 2019 17:00 (1h 30m)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 19

Type: **not specified**

Recap Longitudinal Beam Dynamics I

Wednesday, 12 June 2019 08:30 (1 hour)

Presenter: TECKER, Frank (CERN)

Contribution ID: 20

Type: **not specified**

Space charge in linear machines

Wednesday, 12 June 2019 09:30 (1 hour)

Presenter: FERRARIO, Massimo (INFN-LNF)

Contribution ID: 21

Type: **not specified**

Recap Longitudinal Beam Dynamics II

Wednesday, 12 June 2019 11:00 (1 hour)

Presenter: TECKER, Frank (CERN)

Contribution ID: 22

Type: **not specified**

Space charge in circular machines

Wednesday, 12 June 2019 12:00 (1 hour)

Presenter: FERRARIO, Massimo (INFN-LNF)

Contribution ID: 23

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Wednesday, 12 June 2019 14:30 (2 hours)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 24

Type: **not specified**

Practical course: RF Measurement Techniques

Wednesday, 12 June 2019 14:30 (2 hours)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 25

Type: **not specified**

Practical course: Optics design and Correction

Wednesday, 12 June 2019 14:30 (2 hours)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 26

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Wednesday, 12 June 2019 17:00 (1h 30m)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 27

Type: **not specified**

Practical course: RF Measurement Techniques

Wednesday, 12 June 2019 17:00 (1h 30m)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 28

Type: **not specified**

Practical course: Optics design and Correction

Wednesday, 12 June 2019 17:00 (1h 30m)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 29

Type: **not specified**

Beam loading

Thursday, 13 June 2019 08:30 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: **30**

Type: **not specified**

Instabilities in Linacs

Thursday, 13 June 2019 09:30 (1 hour)

Presenter: FERRARIO, Massimo (INFN-LNF)

Contribution ID: **31**

Type: **not specified**

RF Feedbacks

Thursday, 13 June 2019 11:00 (1 hour)

Presenter: DAMERAU, Heiko (CERN)

Contribution ID: 32

Type: **not specified**

Overview of Wakefield Acceleration

Thursday, 13 June 2019 12:00 (1 hour)

Presenter: FERRARIO, Massimo (INFN-LNF)

Contribution ID: **33**

Type: **not specified**

Free afternoon

Thursday, 13 June 2019 14:30 (4 hours)

Contribution ID: **34**

Type: **not specified**

Wakefields and Impedances

Friday, 14 June 2019 08:30 (1 hour)

Presenter: RUMOLO, Giovanni (CERN)

Contribution ID: 35

Type: **not specified**

Low emittance lattices I

Friday, 14 June 2019 09:30 (1 hour)

Presenter: WOLSKI, Andrzej (University of Liverpool)

Contribution ID: **36**

Type: **not specified**

Beam Instabilities - Longitudinal

Friday, 14 June 2019 11:00 (1 hour)

Presenter: RUMOLO, Giovanni (CERN)

Contribution ID: 37

Type: **not specified**

Low emittance lattices II

Friday, 14 June 2019 12:00 (1 hour)

Presenter: WOLSKI, Andrzej (University of Liverpool)

Contribution ID: 38

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Friday, 14 June 2019 14:30 (2 hours)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 39

Type: **not specified**

Practical course: RF Measurement Techniques

Friday, 14 June 2019 14:30 (2 hours)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 40

Type: **not specified**

Practical course: Optics design and Correction

Friday, 14 June 2019 14:30 (2 hours)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 41

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Friday, 14 June 2019 17:00 (1h 30m)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 42

Type: **not specified**

Practical course: RF Measurement Techniques

Friday, 14 June 2019 17:00 (1h 30m)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 43

Type: **not specified**

Practical course: Optics design and Correction

Friday, 14 June 2019 17:00 (1h 30m)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 44

Type: **not specified**

Beam Instabilities - Transverse

Saturday, 15 June 2019 08:30 (1 hour)

Presenter: LI, Kevin Shing Bruce (CERN)

Contribution ID: 45

Type: **not specified**

Timing and synchronisation

Saturday, 15 June 2019 09:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 46

Type: **not specified**

Electron Cloud and Instabilities

Saturday, 15 June 2019 11:00 (1 hour)

Presenter: LI, Kevin Shing Bruce (CERN)

Contribution ID: 47

Type: **not specified**

Discussion on Instabilities

Saturday, 15 June 2019 12:00 (1 hour)

Presenters: RUMOLO, Giovanni (CERN); LI, Kevin Shing Bruce (CERN)

Contribution ID: 48

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Saturday, 15 June 2019 14:30 (2 hours)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 49

Type: **not specified**

Practical course: RF Measurement Techniques

Saturday, 15 June 2019 14:30 (2 hours)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 50

Type: **not specified**

Practical course: Optics design and Correction

Saturday, 15 June 2019 14:30 (2 hours)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 51

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Saturday, 15 June 2019 17:00 (1h 30m)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); GASIOR, Marek (CERN); JONES, Rhodri (CERN)

Contribution ID: 52

Type: **not specified**

Practical course: RF Measurement Techniques

Saturday, 15 June 2019 17:00 (1h 30m)

Presenters: VOLLINGER, Christine (CERN); DAMERAU, Heiko (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 53

Type: **not specified**

Practical course: Optics design and Correction

Saturday, 15 June 2019 17:00 (1h 30m)

Presenters: LATINA, Andrea (CERN); STERBINI, Guido (CERN); HERR, Werner (CERN)

Contribution ID: 54

Type: **not specified**

Excursion

Sunday, 16 June 2019 08:30 (11 hours)

Contribution ID: 55

Type: **not specified**

Beam cooling

Monday, 17 June 2019 08:30 (1 hour)

Presenter: STECK, Markus

Contribution ID: 56

Type: **not specified**

Optics Calculations

Monday, 17 June 2019 09:30 (1 hour)

Presenter: STERBINI, Guido (CERN)

Contribution ID: 57

Type: **not specified**

Non Linear Dynamics - Methods and Tools I

Monday, 17 June 2019 11:00 (1 hour)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 58

Type: **not specified**

Truncated Power Series Algebra I

Monday, 17 June 2019 12:00 (1 hour)

Presenter: Prof. FOREST, Etienne (KEK)

Contribution ID: 59

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Monday, 17 June 2019 14:30 (2 hours)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); SCHWICKERT, Marcus; LEFEVRE, Thibaut (CERN)

Contribution ID: **60**

Type: **not specified**

Practical course: RF Measurement Techniques

Monday, 17 June 2019 14:30 (2 hours)

Presenters: TECKER, Frank (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: **61**

Type: **not specified**

Practical course: Optics design and Correction

Monday, 17 June 2019 14:30 (2 hours)

Presenters: STERBINI, Guido (CERN); HERR, Werner (CERN); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 62

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Monday, 17 June 2019 17:00 (1h 30m)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); SCHWICKERT, Marcus; LEFEVRE, Thibaut (CERN)

Contribution ID: **63**

Type: **not specified**

Practical course: RF Measurement Techniques

Monday, 17 June 2019 17:00 (1h 30m)

Presenters: TECKER, Frank (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: **64**

Type: **not specified**

Practical course: Optics design and Correction

Monday, 17 June 2019 17:00 (1h 30m)

Presenters: STERBINI, Guido (CERN); HERR, Werner (CERN); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 65

Type: **not specified**

Landau Damping I

Tuesday, 18 June 2019 08:30 (1 hour)

Presenter: KORNILOV, Vladimir (GSI Helmholtzzentrum Darmstadt, Germany)

Contribution ID: **66**

Type: **not specified**

Stochastic Cooling

Tuesday, 18 June 2019 09:30 (1 hour)

Presenter: STECK, Markus

Contribution ID: 67

Type: **not specified**

Landau Damping II

Tuesday, 18 June 2019 11:00 (1 hour)

Presenter: KORNILOV, Vladimir (GSI Helmholtzzentrum Darmstadt, Germany)

Contribution ID: **68**

Type: **not specified**

Truncated Power Series Algebra II

Wednesday, 19 June 2019 08:30 (1 hour)

Presenter: Prof. FOREST, Etienne (KEK)

Contribution ID: 69

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Tuesday, 18 June 2019 14:30 (2 hours)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); SCHWICKERT, Marcus; LEFEVRE, Thibaut (CERN)

Contribution ID: 70

Type: **not specified**

Practical course: RF Measurement Techniques

Tuesday, 18 June 2019 14:30 (2 hours)

Presenters: TECKER, Frank (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 71

Type: **not specified**

Practical course: Optics design and Correction

Tuesday, 18 June 2019 14:30 (2 hours)

Presenters: STERBINI, Guido (CERN); HERR, Werner (CERN); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 72

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Tuesday, 18 June 2019 17:00 (1h 30m)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); SCHWICKERT, Marcus; LEFEVRE, Thibaut (CERN)

Contribution ID: 73

Type: **not specified**

Practical course: RF Measurement Techniques

Tuesday, 18 June 2019 17:00 (1h 30m)

Presenters: TECKER, Frank (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 74

Type: **not specified**

Practical course: Optics design and Correction

Tuesday, 18 June 2019 17:00 (1h 30m)

Presenters: STERBINI, Guido (CERN); HERR, Werner (CERN); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 75

Type: **not specified**

Non Linear Dynamics - Methods and Tools II

Tuesday, 18 June 2019 12:00 (1 hour)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 76

Type: **not specified**

Polarisation

Wednesday, 19 June 2019 09:30 (1 hour)

Presenter: Prof. BAI, Mei (GSI)

Contribution ID: 77

Type: **not specified**

Non Linear Dynamics - Phenomenology I

Wednesday, 19 June 2019 11:00 (1 hour)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 78

Type: **not specified**

High Brightness Beam Diagnostics

Wednesday, 19 June 2019 12:00 (1 hour)

Presenter: LEFEVRE, Thibaut (CERN)

Contribution ID: 79

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); SCHWICKERT, Marcus; LEFEVRE, Thibaut (CERN)

Contribution ID: **80**

Type: **not specified**

Practical course: RF Measurement Techniques

Presenters: TECKER, Frank (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: **81**

Type: **not specified**

Practical course: Optics design and Correction

Presenters: STERBINI, Guido (CERN); HERR, Werner (CERN); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: **82**

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); SCHWICKERT, Marcus; LEFEVRE, Thibaut (CERN)

Contribution ID: **83**

Type: **not specified**

Practical course: RF Measurement Techniques

Presenters: TECKER, Frank (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: **84**

Type: **not specified**

Practical course: Optics design and Correction

Presenters: STERBINI, Guido (CERN); HERR, Werner (CERN); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 85

Type: **not specified**

Deep Greenland Ice Core tells tales on the past climate

Tuesday, 18 June 2019 18:30 (1 hour)

Presenter: DORTHE, Dahl-Jensen

Contribution ID: **86**

Type: **not specified**

News from Ongoing and Planned Exploration of Mars

Wednesday, 12 June 2019 18:30 (1 hour)

Presenter: MORTEN, Bo Madsen

Contribution ID: **87**

Type: **not specified**

Departure day

Friday, 21 June 2019 07:00 (15 hours)

Contribution ID: **88**

Type: **not specified**

Beam-Beam effects

Thursday, 20 June 2019 08:30 (1 hour)

Presenter: BAI, Mei (GSI)

Contribution ID: **89**

Type: **not specified**

Longitudinal beam diagnostics

Thursday, 20 June 2019 09:30 (1 hour)

Presenter: LEFEVRE, Thibaut (CERN)

Contribution ID: **90**

Type: **not specified**

Non Linear Dynamics - Phenomenology II

Thursday, 20 June 2019 11:00 (1 hour)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: **91**

Type: **not specified**

Discussion on Non Linear Dynamics

Thursday, 20 June 2019 12:00 (1 hour)

Presenters: Prof. FOREST, Etienne (KEK); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 92

Type: **not specified**

Practical course: Beam Instrumentation and Diagnostics

Thursday, 20 June 2019 14:30 (2 hours)

Presenters: SCHMICKLER, Hermann (CERN); WITTENBURG, Kay (DESY); LEFEVRE, Thibaut (CERN)

Contribution ID: 93

Type: **not specified**

Practical course: RF Measurement Techniques

Thursday, 20 June 2019 14:30 (2 hours)

Presenters: TECKER, Frank (CERN); WENDT, Manfred (CERN); KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 94

Type: **not specified**

Practical course: Optics design and Correction

Thursday, 20 June 2019 14:30 (2 hours)

Presenters: STERBINI, Guido (CERN); HERR, Werner (CERN); PAPAPHILIPPOU, Yannis (CERN)

Contribution ID: 95

Type: **not specified**

Closing

Thursday, 20 June 2019 17:00 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **96**

Type: **not specified**

Free Afternoon

Wednesday, 19 June 2019 14:30 (4 hours)