

Beam Instrumentation 2018

Report of Contributions

Contribution ID: 1

Type: **not specified**

Arrival day and registration

Saturday, June 2, 2018 5:00 PM (1 hour)

Presenter: RIVOIRON, Delphine (CERN)

Contribution ID: 2

Type: **not specified**

Opening

Sunday, June 3, 2018 8:30 AM (1 hour)

Contribution ID: 3

Type: **not specified**

BD Requirements Overview/Measurement Principles I

Sunday, June 3, 2018 9:30 AM (1 hour)

Presenter: KUBE, Gero (DESY)

Contribution ID: 4

Type: **not specified**

Coffee Break

Sunday, June 3, 2018 10:30 AM (30 minutes)

Contribution ID: 5

Type: **not specified**

Transverse beam dynamics recap I

Sunday, June 3, 2018 11:00 AM (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 6

Type: **not specified**

BD Requirements Overview/Measurement Principles II

Sunday, June 3, 2018 12:00 PM (1 hour)

Presenter: KUBE, Gero (DESY)

Contribution ID: 7

Type: **not specified**

Lunch

Sunday, June 3, 2018 1:00 PM (1h 30m)

Contribution ID: 8

Type: **not specified**

Transverse beam dynamics recap II

Sunday, June 3, 2018 2:30 PM (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 9

Type: **not specified**

Longitudinal beam dynamics recap

Sunday, June 3, 2018 3:30 PM (1 hour)

Presenters: TECKER, Frank (CERN); TECKER, Frank (CERN)

Contribution ID: **10**

Type: **not specified**

Coffee Break

Sunday, June 3, 2018 4:30 PM (30 minutes)

Contribution ID: **11**

Type: **not specified**

OneS-OneM

Sunday, June 3, 2018 6:00 PM (1 hour)

Contribution ID: 12

Type: **not specified**

BD Requirements Overview/Measurement Principles III

Monday, June 4, 2018 8:30 AM (1 hour)

Presenter: KUBE, Gero (DESY)

Contribution ID: 13

Type: **not specified**

Analog Electronics I

Monday, June 4, 2018 9:30 AM (1 hour)

Presenter: BELLEMAN, Jeroen (CERN)

Contribution ID: **14**

Type: **not specified**

Coffee Break

Monday, June 4, 2018 10:30 AM (30 minutes)

Contribution ID: 15

Type: **not specified**

RF Measurement techniques

Monday, June 4, 2018 11:00 AM (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: **16**

Type: **not specified**

Video Cameras (signal generation and transmission)

Monday, June 4, 2018 12:00 PM (1 hour)

Presenter: Ms WALASEK-HÖHNE, Beata

Contribution ID: 17

Type: **not specified**

Lunch

Monday, June 4, 2018 1:00 PM (1h 30m)

Contribution ID: **18**

Type: **not specified**

Block A -1 DSP

Monday, June 4, 2018 2:30 PM (1 hour)

Contribution ID: **19**

Type: **not specified**

Block A- 2 BPM

Monday, June 4, 2018 3:30 PM (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: **20**

Type: **not specified**

Coffee Break

Monday, June 4, 2018 4:30 PM (30 minutes)

Contribution ID: **21**

Type: **not specified**

Block A -3 Pepper pot - emittance

Monday, June 4, 2018 5:00 PM (30 minutes)

Presenter: KUBE, Gero (DESY)

Contribution ID: 22

Type: **not specified**

Numerical methods, mathematical background I

Tuesday, June 5, 2018 8:30 AM (1 hour)

Presenters: Dr NADOLSKI, Laurent (Synchrotron SOLEIL); NADOLSKI, Laurent (SOLEIL)

Contribution ID: 23

Type: **not specified**

Tune, Chromaticity & Coupling Measurements

Tuesday, June 5, 2018 9:30 AM (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: 24

Type: **not specified**

Coffee Break

Tuesday, June 5, 2018 10:30 AM (30 minutes)

Contribution ID: 25

Type: **not specified**

Analog Electronics II

Tuesday, June 5, 2018 11:00 AM (1 hour)

Presenter: BELLEMAN, Jeroen (CERN)

Contribution ID: 26

Type: **not specified**

Discussion/Q&A I

Tuesday, June 5, 2018 12:00 PM (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 27

Type: **not specified**

Lunch

Tuesday, June 5, 2018 1:00 PM (1h 30m)

Contribution ID: **28**

Type: **not specified**

Block A- 4

Tuesday, June 5, 2018 2:30 PM (1 hour)

Contribution ID: 29

Type: **not specified**

Block A -5

Tuesday, June 5, 2018 3:30 PM (1 hour)

Contribution ID: **30**

Type: **not specified**

Coffee Break

Tuesday, June 5, 2018 4:30 PM (30 minutes)

Contribution ID: **31**

Type: **not specified**

Block A- 6

Tuesday, June 5, 2018 5:00 PM (1 hour)

Contribution ID: **32**

Type: **not specified**

Seminar I

Contribution ID: 33

Type: **not specified**

Numerical methods, mathematical background II

Wednesday, June 6, 2018 8:30 AM (1 hour)

Presenter: NADOLSKI, Laurent (SOLEIL)

Contribution ID: 34

Type: **not specified**

Diagnostics examples from HE colliders

Wednesday, June 6, 2018 9:30 AM (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: 35

Type: **not specified**

Coffee Break

Wednesday, June 6, 2018 10:30 AM (30 minutes)

Contribution ID: 36

Type: **not specified**

Linear Imperfections and Corrections I

Wednesday, June 6, 2018 11:00 AM (1 hour)

Presenter: WENNINGER, Jorg (CERN)

Contribution ID: 37

Type: **not specified**

Introduction to Optics (basics, components, diffraction)

Wednesday, June 6, 2018 12:00 PM (1 hour)

Presenter: GIBSON, Stephen (Royal Holloway, University of London)

Contribution ID: **38**

Type: **not specified**

Lunch

Wednesday, June 6, 2018 1:00 PM (1h 30m)

Contribution ID: **39**

Type: **not specified**

Free afternoon

Wednesday, June 6, 2018 2:30 PM (4 hours)

Contribution ID: 40

Type: **not specified**

Diagnostics Examples from CTF3

Thursday, June 7, 2018 8:30 AM (1 hour)

Presenters: TECKER, Frank (CERN); TECKER, Frank (CERN)

Contribution ID: 41

Type: **not specified**

Bunch Length Diagnostics I

Thursday, June 7, 2018 9:30 AM (1 hour)

Presenter: GILLESPIE, Allan (University of Dundee, Scotland, UK)

Contribution ID: 42

Type: **not specified**

Coffee Break

Thursday, June 7, 2018 10:30 AM (30 minutes)

Contribution ID: 43

Type: **not specified**

Lasers (technologies & setups)

Thursday, June 7, 2018 11:00 AM (1 hour)

Presenter: GIBSON, Stephen (Royal Holloway, University of London)

Contribution ID: 44

Type: **not specified**

Linear Imperfections and Corrections II

Thursday, June 7, 2018 12:00 PM (1 hour)

Presenter: WENNINGER, Jorg (CERN)

Contribution ID: 45

Type: **not specified**

Lunch

Thursday, June 7, 2018 1:00 PM (1h 30m)

Contribution ID: 46

Type: **not specified**

Block B -1

Thursday, June 7, 2018 2:30 PM (1 hour)

Contribution ID: 47

Type: **not specified**

Block B- 2

Thursday, June 7, 2018 3:30 PM (1 hour)

Contribution ID: **48**

Type: **not specified**

Coffee Break

Thursday, June 7, 2018 4:30 PM (30 minutes)

Contribution ID: 49

Type: **not specified**

Block B -3

Thursday, June 7, 2018 5:00 PM (1 hour)

Contribution ID: **50**

Type: **not specified**

Poster session

Friday, June 8, 2018 6:00 PM (1h 30m)

Contribution ID: 51

Type: **not specified**

Bunch Length Diagnostics II

Friday, June 8, 2018 8:30 AM (1 hour)

Presenter: GILLESPIE, Allan (University of Dundee, Scotland, UK)

Contribution ID: 52

Type: **not specified**

Application of Lasers in Beam Instrumentation

Friday, June 8, 2018 9:30 AM (1 hour)

Presenter: GIBSON, Stephen (Royal Holloway, University of London)

Contribution ID: 53

Type: **not specified**

Coffee Break

Friday, June 8, 2018 10:30 AM (30 minutes)

Contribution ID: 54

Type: **not specified**

Transverse Profile Measurements I

Friday, June 8, 2018 11:00 AM (1 hour)

Presenter: BRAVIN, Enrico (CERN)

Contribution ID: 55

Type: **not specified**

Discussion Q&A II

Friday, June 8, 2018 12:00 PM (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **56**

Type: **not specified**

Lunch

Friday, June 8, 2018 1:00 PM (1h 30m)

Contribution ID: 57

Type: **not specified**

Block B- 4

Friday, June 8, 2018 2:30 PM (1 hour)

Contribution ID: **58**

Type: **not specified**

Block B -5

Friday, June 8, 2018 3:30 PM (1 hour)

Contribution ID: 59

Type: **not specified**

Coffee Break

Friday, June 8, 2018 4:30 PM (30 minutes)

Contribution ID: **60**

Type: **not specified**

Block B- 6

Friday, June 8, 2018 5:00 PM (1 hour)

Contribution ID: **61**

Type: **not specified**

Excursion

Saturday, June 9, 2018 8:30 AM (10 hours)

Contribution ID: 62

Type: **not specified**

Diagnostics examples from light sources

Sunday, June 10, 2018 8:30 AM (1 hour)

Presenter: WITTENBURG, Kay (DESY)

Contribution ID: **63**

Type: **not specified**

BPM systems I

Sunday, June 10, 2018 9:30 AM (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: **64**

Type: **not specified**

Coffee Break

Sunday, June 10, 2018 10:30 AM (30 minutes)

Contribution ID: 65

Type: **not specified**

Transverse Profile Measurements II

Sunday, June 10, 2018 11:00 AM (1 hour)

Presenter: BRAVIN, Enrico (CERN)

Contribution ID: **66**

Type: **not specified**

Intensity Measurements

Sunday, June 10, 2018 12:00 PM (1 hour)

Presenter: PETERS, Andreas (HIT GmbH)

Contribution ID: **67**

Type: **not specified**

Lunch

Sunday, June 10, 2018 1:00 PM (1h 30m)

Contribution ID: **68**

Type: **not specified**

Block C -1

Sunday, June 10, 2018 2:30 PM (1 hour)

Contribution ID: **69**

Type: **not specified**

Block C- 2

Sunday, June 10, 2018 3:30 PM (1 hour)

Contribution ID: **70**

Type: **not specified**

Coffee Break

Sunday, June 10, 2018 4:30 PM (30 minutes)

Contribution ID: 71

Type: **not specified**

Block C -3

Sunday, June 10, 2018 5:00 PM (1 hour)

Contribution ID: 72

Type: **not specified**

BPM systems II

Monday, June 11, 2018 8:30 AM (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: 73

Type: **not specified**

Medical Applications Instrumentation & Diagnostics

Monday, June 11, 2018 9:30 AM (1 hour)

Presenter: PETERS, Andreas (HIT GmbH)

Contribution ID: 74

Type: **not specified**

Coffee Break

Monday, June 11, 2018 10:30 AM (30 minutes)

Contribution ID: 75

Type: **not specified**

Analog Digital Conversion

Monday, June 11, 2018 11:00 AM (1 hour)

Presenter: GASIOR, Marek (CERN)

Contribution ID: 76

Type: **not specified**

Emittance Measurements

Monday, June 11, 2018 12:00 PM (1 hour)

Presenter: BRAVIN, Enrico (CERN)

Contribution ID: 77

Type: **not specified**

Lunch

Monday, June 11, 2018 1:00 PM (1h 30m)

Contribution ID: 78

Type: **not specified**

Block C- 4

Monday, June 11, 2018 2:30 PM (1 hour)

Contribution ID: 79

Type: **not specified**

Block C -5

Monday, June 11, 2018 3:30 PM (1 hour)

Contribution ID: **80**

Type: **not specified**

Coffee Break

Monday, June 11, 2018 4:30 PM (30 minutes)

Contribution ID: **81**

Type: **not specified**

Block C- 6

Monday, June 11, 2018 5:00 PM (1 hour)

Contribution ID: **82**

Type: **not specified**

Seminar II

Monday, June 11, 2018 6:00 PM (1h 30m)

Contribution ID: **83**

Type: **not specified**

Free

Tuesday, June 12, 2018 8:30 AM (1 hour)

Contribution ID: **84**

Type: **not specified**

Beam Loss Monitors

Tuesday, June 12, 2018 9:30 AM (1 hour)

Presenter: WITTENBURG, Kay (DESY)

Contribution ID: **85**

Type: **not specified**

Coffee Break

Tuesday, June 12, 2018 10:30 AM (30 minutes)

Contribution ID: **86**

Type: **not specified**

Schottky Diagnostics

Tuesday, June 12, 2018 11:00 AM (1 hour)

Presenter: KOWINA, Piotr (GSI Darmstadt)

Contribution ID: 87

Type: **not specified**

Diagnostics Examples from lepton-linacs and FELs

Tuesday, June 12, 2018 12:00 PM (1 hour)

Presenter: CIANCHI, Alessandro (INFN - Sezione Roma Tor Vergata)

Contribution ID: **88**

Type: **not specified**

Lunch

Tuesday, June 12, 2018 1:00 PM (1h 30m)

Contribution ID: **89**

Type: **not specified**

Free afternoon

Tuesday, June 12, 2018 2:30 PM (4 hours)

Contribution ID: **90**

Type: **not specified**

Collective Effects & its diagnostics I

Wednesday, June 13, 2018 8:30 AM (1 hour)

Contribution ID: 91

Type: **not specified**

Timing and Synchronization I

Wednesday, June 13, 2018 9:30 AM (1 hour)

Presenter: GALLO, Alessandro (INFN LNF)

Contribution ID: **92**

Type: **not specified**

Coffee Break

Wednesday, June 13, 2018 10:30 AM (30 minutes)

Contribution ID: 93

Type: **not specified**

Halo diagnostics

Wednesday, June 13, 2018 11:00 AM (1 hour)

Presenter: WITTENBURG, Kay (DESY)

Contribution ID: 94

Type: **not specified**

Discussion Q&A III

Wednesday, June 13, 2018 12:00 PM (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 95

Type: **not specified**

Lunch

Wednesday, June 13, 2018 1:00 PM (1h 30m)

Contribution ID: **96**

Type: **not specified**

Block D -1

Wednesday, June 13, 2018 2:30 PM (1 hour)

Contribution ID: 97

Type: **not specified**

Block D- 2

Wednesday, June 13, 2018 3:30 PM (1 hour)

Contribution ID: **98**

Type: **not specified**

Coffee Break

Wednesday, June 13, 2018 4:30 PM (30 minutes)

Contribution ID: **99**

Type: **not specified**

Block D -3

Wednesday, June 13, 2018 5:00 PM (1 hour)

Contribution ID: **100**

Type: **not specified**

Timing and Synchronization II

Thursday, June 14, 2018 8:30 AM (1 hour)

Presenter: GALLO, Alessandro (INFN LNF)

Contribution ID: **101**

Type: **not specified**

Collective Effects and its diagnostics II

Thursday, June 14, 2018 9:30 AM (1 hour)

Contribution ID: **102**

Type: **not specified**

Coffee Break

Thursday, June 14, 2018 10:30 AM (30 minutes)

Contribution ID: **103**

Type: **not specified**

Diagnostic Needs for Wakefield Accelerator Experiments

Thursday, June 14, 2018 11:00 AM (1 hour)

Presenter: CIANCHI, Alessandro (INFN - Sezione Roma Tor Vergata)

Contribution ID: **104**

Type: **not specified**

Transverse Feedbacks

Thursday, June 14, 2018 12:00 PM (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **105**

Type: **not specified**

Lunch

Thursday, June 14, 2018 1:00 PM (1h 30m)

Contribution ID: **106**

Type: **not specified**

Block D- 4

Thursday, June 14, 2018 2:30 PM (1 hour)

Contribution ID: **107**

Type: **not specified**

Block D -5

Thursday, June 14, 2018 3:30 PM (1 hour)

Contribution ID: **108**

Type: **not specified**

Coffee Break

Thursday, June 14, 2018 4:30 PM (30 minutes)

Contribution ID: **109**

Type: **not specified**

Block D- 6

Thursday, June 14, 2018 5:00 PM (1 hour)

Contribution ID: **110**

Type: **not specified**

Closing

Thursday, June 14, 2018 6:00 PM (1 hour)

Contribution ID: 112

Type: **not specified**

Transverse beam dynamics recap III

Sunday, June 3, 2018 5:00 PM (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **113**

Type: **not specified**

Bock D

Monday, June 4, 2018 5:30 PM (30 minutes)

Presenter: WITTENBURG, Kay (DESY)

Contribution ID: 114

Type: **not specified**

**The importance of atmospheric clusters: from
molecular processes to global climate and air quality,
Markku Kulmala**

Thursday, June 7, 2018 6:00 PM (35 minutes)