Beam Instrumentation 2018

Report of Contributions

https://indico.cern.ch/e/664166

Contribution ID: **1** Type: **not specified**

Arrival day and registration

Saturday 2 June 2018 17:00 (1 hour)

Presenter: RIVOIRON, Delphine (CERN)

Contribution ID: **2** Type: **not specified**

Opening

Sunday 3 June 2018 08:30 (1 hour)

Contribution ID: **3** Type: **not specified**

BD Requirements Overview/Measurement Principles I

Sunday 3 June 2018 09:30 (1 hour)

Presenter: KUBE, Gero (DESY)

Contribution ID: **4** Type: **not specified**

Coffee Break

Sunday 3 June 2018 10:30 (30 minutes)

Contribution ID: **5** Type: **not specified**

Transverse beam dynamics recap I

Sunday 3 June 2018 11:00 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **6** Type: **not specified**

BD Requirements Overview/Measurement Principles II

Sunday 3 June 2018 12:00 (1 hour)

Presenter: KUBE, Gero (DESY)

Contribution ID: **7** Type: **not specified**

Lunch

Sunday 3 June 2018 13:00 (1h 30m)

Contribution ID: **8** Type: **not specified**

Transverse beam dynamics recap II

Sunday 3 June 2018 14:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **9** Type: **not specified**

Longitudinal beam dynamics recap

Sunday 3 June 2018 15:30 (1 hour)

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

Contribution ID: **10** Type: **not specified**

Coffee Break

Sunday 3 June 2018 16:30 (30 minutes)

Contribution ID: **11** Type: **not specified**

OneS-OneM

Sunday 3 June 2018 18:00 (1 hour)

Contribution ID: **12** Type: **not specified**

BD Requirements Overview/Measurement Principles III

Monday 4 June 2018 08:30 (1 hour)

Presenter: KUBE, Gero (DESY)

Contribution ID: **13** Type: **not specified**

Analog Electronics I

Monday 4 June 2018 09:30 (1 hour)

Presenter: BELLEMAN, Jeroen (CERN)

Contribution ID: **14** Type: **not specified**

Coffee Break

Monday 4 June 2018 10:30 (30 minutes)

Contribution ID: **15** Type: **not specified**

RF Measurement techniques

Monday 4 June 2018 11:00 (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: **16** Type: **not specified**

Video Cameras (signal generation and transmission)

Monday 4 June 2018 12:00 (1 hour)

Presenter: Ms WALASEK-HÖHNE, Beata

Contribution ID: **17** Type: **not specified**

Lunch

Monday 4 June 2018 13:00 (1h 30m)

Contribution ID: **18** Type: **not specified**

Block A -1 DSP

Monday 4 June 2018 14:30 (1 hour)

Contribution ID: **19** Type: **not specified**

Block A- 2 BPM

Monday 4 June 2018 15:30 (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: **20** Type: **not specified**

Coffee Break

Monday 4 June 2018 16:30 (30 minutes)

Contribution ID: **21** Type: **not specified**

Block A -3 Pepper pot - emittance

Monday 4 June 2018 17:00 (30 minutes)

Presenter: KUBE, Gero (DESY)

Contribution ID: **22** Type: **not specified**

Numerical methods, mathematical background I

Tuesday 5 June 2018 08:30 (1 hour)

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

Contribution ID: **23** Type: **not specified**

Tune, Chromaticity & Coupling Measurements

Tuesday 5 June 2018 09:30 (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: **24** Type: **not specified**

Coffee Break

Tuesday 5 June 2018 10:30 (30 minutes)

Contribution ID: **25** Type: **not specified**

Analog Electronics II

Tuesday 5 June 2018 11:00 (1 hour)

Presenter: BELLEMAN, Jeroen (CERN)

Contribution ID: **26** Type: **not specified**

Discussion/Q&A I

Tuesday 5 June 2018 12:00 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **27** Type: **not specified**

Lunch

Tuesday 5 June 2018 13:00 (1h 30m)

Contribution ID: **28** Type: **not specified**

Block A- 4

Tuesday 5 June 2018 14:30 (1 hour)

Contribution ID: **29** Type: **not specified**

Block A -5

Tuesday 5 June 2018 15:30 (1 hour)

Contribution ID: **30** Type: **not specified**

Coffee Break

Tuesday 5 June 2018 16:30 (30 minutes)

Contribution ID: **31** Type: **not specified**

Block A- 6

Tuesday 5 June 2018 17:00 (1 hour)

Contribution ID: **32** Type: **not specified**

Seminar I

Contribution ID: **33** Type: **not specified**

Numerical methods, mathematical background II

Wednesday 6 June 2018 08:30 (1 hour)

Presenter: NADOLSKI, Laurent (SOLEIL)

Contribution ID: **34** Type: **not specified**

Diagnostics examples from HE colliders

Wednesday 6 June 2018 09:30 (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: **35** Type: **not specified**

Coffee Break

Wednesday 6 June 2018 10:30 (30 minutes)

Contribution ID: **36** Type: **not specified**

Linear Imperfections and Corrections I

Wednesday 6 June 2018 11:00 (1 hour)

Presenter: WENNINGER, Jorg (CERN)

Contribution ID: **37** Type: **not specified**

Introduction to Optics (basics, components, diffraction)

Wednesday 6 June 2018 12:00 (1 hour)

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

Contribution ID: **38** Type: **not specified**

Lunch

Wednesday 6 June 2018 13:00 (1h 30m)

Contribution ID: **39** Type: **not specified**

Free afternoon

Wednesday 6 June 2018 14:30 (4 hours)

Contribution ID: **40** Type: **not specified**

Diagnostics Examples from CTF3

Thursday 7 June 2018 08:30 (1 hour)

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

Contribution ID: **41** Type: **not specified**

Bunch Length Diagnostics I

Thursday 7 June 2018 09:30 (1 hour)

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

Contribution ID: **42** Type: **not specified**

Coffee Break

Thursday 7 June 2018 10:30 (30 minutes)

Contribution ID: **43** Type: **not specified**

Lasers (technologies & setups)

Thursday 7 June 2018 11:00 (1 hour)

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

Contribution ID: **44** Type: **not specified**

Linear Imperfections and Corrections II

Thursday 7 June 2018 12:00 (1 hour)

Presenter: WENNINGER, Jorg (CERN)

Contribution ID: **45** Type: **not specified**

Lunch

Thursday 7 June 2018 13:00 (1h 30m)

Contribution ID: **46** Type: **not specified**

Block B -1

Thursday 7 June 2018 14:30 (1 hour)

Contribution ID: **47** Type: **not specified**

Block B- 2

Thursday 7 June 2018 15:30 (1 hour)

Contribution ID: **48** Type: **not specified**

Coffee Break

Thursday 7 June 2018 16:30 (30 minutes)

Contribution ID: **49** Type: **not specified**

Block B -3

Thursday 7 June 2018 17:00 (1 hour)

Contribution ID: **50** Type: **not specified**

Poster session

Friday 8 June 2018 18:00 (1h 30m)

Contribution ID: **51** Type: **not specified**

Bunch Length Diagnostics II

Friday 8 June 2018 08:30 (1 hour)

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

Contribution ID: **52** Type: **not specified**

Application of Lasers in Beam Instrumentation

Friday 8 June 2018 09:30 (1 hour)

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

Contribution ID: **53** Type: **not specified**

Coffee Break

Friday 8 June 2018 10:30 (30 minutes)

Contribution ID: **54** Type: **not specified**

Transverse Profile Measurements I

Friday 8 June 2018 11:00 (1 hour)

Presenter: BRAVIN, Enrico (CERN)

Contribution ID: **55** Type: **not specified**

Discussion Q&A II

Friday 8 June 2018 12:00 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **56** Type: **not specified**

Lunch

Friday 8 June 2018 13:00 (1h 30m)

Contribution ID: **57** Type: **not specified**

Block B- 4

Friday 8 June 2018 14:30 (1 hour)

Contribution ID: **58** Type: **not specified**

Block B -5

Friday 8 June 2018 15:30 (1 hour)

Contribution ID: **59** Type: **not specified**

Coffee Break

Friday 8 June 2018 16:30 (30 minutes)

Contribution ID: **60** Type: **not specified**

Block B- 6

Friday 8 June 2018 17:00 (1 hour)

Contribution ID: **61** Type: **not specified**

Excursion

Saturday 9 June 2018 08:30 (10 hours)

Contribution ID: **62** Type: **not specified**

Diagnostics examples from light sources

Sunday 10 June 2018 08:30 (1 hour)

Presenter: WITTENBURG, Kay (DESY)

Contribution ID: **63** Type: **not specified**

BPM systems I

Sunday 10 June 2018 09:30 (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: **64** Type: **not specified**

Coffee Break

Sunday 10 June 2018 10:30 (30 minutes)

Contribution ID: **65** Type: **not specified**

Transverse Profile Measurements II

Sunday 10 June 2018 11:00 (1 hour)

Presenter: BRAVIN, Enrico (CERN)

Contribution ID: **66** Type: **not specified**

Intensity Measurements

Sunday 10 June 2018 12:00 (1 hour)

Presenter: PETERS, Andreas (HIT GmbH)

Contribution ID: **67** Type: **not specified**

Lunch

Sunday 10 June 2018 13:00 (1h 30m)

Contribution ID: **68** Type: **not specified**

Block C -1

Sunday 10 June 2018 14:30 (1 hour)

Contribution ID: **69** Type: **not specified**

Block C- 2

Sunday 10 June 2018 15:30 (1 hour)

Contribution ID: **70** Type: **not specified**

Coffee Break

Sunday 10 June 2018 16:30 (30 minutes)

Contribution ID: **71** Type: **not specified**

Block C -3

Sunday 10 June 2018 17:00 (1 hour)

Contribution ID: **72** Type: **not specified**

BPM systems II

Monday 11 June 2018 08:30 (1 hour)

Presenter: WENDT, Manfred (CERN)

Contribution ID: **73** Type: **not specified**

Medical Applications Instrumentation & Diagnostics

Monday 11 June 2018 09:30 (1 hour)

Presenter: PETERS, Andreas (HIT GmbH)

Contribution ID: **74** Type: **not specified**

Coffee Break

Monday 11 June 2018 10:30 (30 minutes)

Contribution ID: **75** Type: **not specified**

Analog Digital Conversion

Monday 11 June 2018 11:00 (1 hour)

Presenter: GASIOR, Marek (CERN)

Contribution ID: **76** Type: **not specified**

Emittance Measurements

Monday 11 June 2018 12:00 (1 hour)

Presenter: BRAVIN, Enrico (CERN)

Contribution ID: **77** Type: **not specified**

Lunch

Monday 11 June 2018 13:00 (1h 30m)

Contribution ID: **78** Type: **not specified**

Block C- 4

Monday 11 June 2018 14:30 (1 hour)

Contribution ID: **79** Type: **not specified**

Block C -5

Monday 11 June 2018 15:30 (1 hour)

Contribution ID: **80** Type: **not specified**

Coffee Break

Monday 11 June 2018 16:30 (30 minutes)

Contribution ID: **81** Type: **not specified**

Block C- 6

Monday 11 June 2018 17:00 (1 hour)

Contribution ID: **82** Type: **not specified**

Seminar II

Monday 11 June 2018 18:00 (1h 30m)

Contribution ID: **83** Type: **not specified**

Free

Tuesday 12 June 2018 08:30 (1 hour)

Contribution ID: **84** Type: **not specified**

Beam Loss Monitors

Tuesday 12 June 2018 09:30 (1 hour)

Presenter: WITTENBURG, Kay (DESY)

Contribution ID: **85** Type: **not specified**

Coffee Break

Tuesday 12 June 2018 10:30 (30 minutes)

Contribution ID: **86** Type: **not specified**

Schottky Diagnostics

Tuesday 12 June 2018 11:00 (1 hour)

Presenter: KOWINA, Piotr (GSI Darmstadt)

Contribution ID: **87** Type: **not specified**

Diagnostics Examples from lepton-linacs and FELs

Tuesday 12 June 2018 12:00 (1 hour)

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

Contribution ID: **88** Type: **not specified**

Lunch

Tuesday 12 June 2018 13:00 (1h 30m)

Contribution ID: **89** Type: **not specified**

Free afternoon

Tuesday 12 June 2018 14:30 (4 hours)

Contribution ID: **90** Type: **not specified**

Collective Effects & its diagnostics I

Wednesday 13 June 2018 08:30 (1 hour)

Contribution ID: **91** Type: **not specified**

Timing and Synchronization I

Wednesday 13 June 2018 09:30 (1 hour)

Presenter: GALLO, Alessandro (INFN LNF)

Contribution ID: **92** Type: **not specified**

Coffee Break

Wednesday 13 June 2018 10:30 (30 minutes)

Contribution ID: **93** Type: **not specified**

Halo diagnostics

Wednesday 13 June 2018 11:00 (1 hour)

Presenter: WITTENBURG, Kay (DESY)

Contribution ID: **94** Type: **not specified**

Discussion Q&A III

Wednesday 13 June 2018 12:00 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **95** Type: **not specified**

Lunch

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

Contribution ID: **96** Type: **not specified**

Block D -1

Wednesday 13 June 2018 14:30 (1 hour)

Contribution ID: **97** Type: **not specified**

Block D- 2

Wednesday 13 June 2018 15:30 (1 hour)

Contribution ID: **98** Type: **not specified**

Coffee Break

Wednesday 13 June 2018 16:30 (30 minutes)

Contribution ID: **99** Type: **not specified**

Block D -3

Wednesday 13 June 2018 17:00 (1 hour)

Contribution ID: **100** Type: **not specified**

Timing and Synchronization II

Thursday 14 June 2018 08:30 (1 hour)

Presenter: GALLO, Alessandro (INFN LNF)

Contribution ID: **101** Type: **not specified**

Collective Effects and its diagnostics II

Thursday 14 June 2018 09:30 (1 hour)

Contribution ID: **102** Type: **not specified**

Coffee Break

Thursday 14 June 2018 10:30 (30 minutes)

Contribution ID: **103** Type: **not specified**

Diagnostic Needs for Wakefield Accelerator Experiments

Thursday 14 June 2018 11:00 (1 hour)

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

Contribution ID: **104** Type: **not specified**

Transverse Feedbacks

Thursday 14 June 2018 12:00 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **105** Type: **not specified**

Lunch

Thursday 14 June 2018 13:00 (1h 30m)

Contribution ID: **106** Type: **not specified**

Block D- 4

Thursday 14 June 2018 14:30 (1 hour)

Contribution ID: **107** Type: **not specified**

Block D -5

Thursday 14 June 2018 15:30 (1 hour)

Contribution ID: **108** Type: **not specified**

Coffee Break

Thursday 14 June 2018 16:30 (30 minutes)

Contribution ID: **109** Type: **not specified**

Block D- 6

Thursday 14 June 2018 17:00 (1 hour)

Contribution ID: **110** Type: **not specified**

Closing

Thursday 14 June 2018 18:00 (1 hour)

Contribution ID: **112** Type: **not specified**

Transverse beam dynamics recap III

Sunday 3 June 2018 17:00 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: **113** Type: **not specified**

Bock D

Monday 4 June 2018 17:30 (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 Kulmula

Thursday 7 June 2018 18:00 (35 minutes)