

Advanced Accelerator Physics Course 2009



Report of Contributions

Contribution ID: **0**

Type: **not specified**

Registration

Sunday, 27 September 2009 18:30 (4 hours)

This will take place in the Welcome Hotel Darmstadt from 18:00 - 22:00

Contribution ID: 1

Type: **not specified**

Buffet Dinner

This will be taken at the Welcome Hotel, Darmstadt from 19:30 - 22:30. After this time there is a possibility of having a cold meal.

Contribution ID: 2

Type: **not specified**

Opening Talk

Monday, 28 September 2009 08:30 (1 hour)

Presenter: Prof. LANGAKE, Karlheinz (GSI)

Contribution ID: 3

Type: **not specified**

Recap. Transverse Dynamics

Monday, 28 September 2009 09:30 (1 hour)

Primary author: HOLZER, Bernhard (CERN)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: 5

Type: **not specified**

Recap. Longitudinal Dynamics I

Monday, 28 September 2009 11:00 (1 hour)

Presenter: LE DUFF, Joel (LAL (retired))

Contribution ID: 6

Type: **not specified**

Introduction to Beam Instrumentation

Monday, 28 September 2009 12:00 (1 hour)

Presenter: JONES, Rhodri (CERN)

Contribution ID: 7

Type: **not specified**

LUNCH

Contribution ID: **8**

Type: **not specified**

Lattice Cells

Monday, 28 September 2009 14:30 (1 hour)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: 9

Type: **not specified**

RF Basic Concepts

Monday, 28 September 2009 15:30 (1 hour)

Presenter: CASPERS, Fritz (CERN)

Contribution ID: **10**

Type: **not specified**

TEA

Contribution ID: **11**

Type: **not specified**

Recap. Longitudinal Dynamics II

Monday, 28 September 2009 17:00 (1 hour)

Presenter: LE DUFF, Joel (LAL (retired))

Contribution ID: **12**

Type: **not specified**

Welcome Drink

Monday, 28 September 2009 19:30 (30 minutes)

Contribution ID: **13**

Type: **not specified**

Dinner

Contribution ID: **14**

Type: **not specified**

Buffet Dinner

Sunday, 27 September 2009 20:00 (2h 30m)

This will take place at the Welcome Hotel from 20:00 h. After 22:30 there will be the possibility of a cold meal or sandwiches

Contribution ID: 15

Type: **not specified**

Recap. Transverse Dynamics II

Tuesday, 29 September 2009 08:30 (1 hour)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: 16

Type: **not specified**

Introduction to Beam Diagnostics

Tuesday, 29 September 2009 09:30 (1 hour)

Presenter: SCHMICKLER, Hermann (CERN)

Contribution ID: 17

Type: **not specified**

RF Cavity Design

Tuesday, 29 September 2009 11:00 (1 hour)

Presenter: JENSEN, Erk (CERN)

Contribution ID: **18**

Type: **not specified**

Insertions

Tuesday, 29 September 2009 12:00 (1 hour)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **19**

Type: **not specified**

Short Courses C1, C2, C3

Tuesday, 29 September 2009 14:30 (2 hours)

C1 = RF Measurements Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: **20**

Type: **not specified**

Short Courses C1, C2, C3

Tuesday, 29 September 2009 17:00 (1 hour)

C1 = RF Measurements Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: **21**

Type: **not specified**

Dinner

Contribution ID: 22

Type: **not specified**

Linear Imperfections & Coupling

Wednesday, 30 September 2009 08:30 (1 hour)

Presenter: BRUNING, Oliver (CERN)

Contribution ID: 23

Type: **not specified**

Linear Accelerators I

Wednesday, 30 September 2009 09:30 (1 hour)

Presenter: VRETENAR, Maurizio (CERN)

Contribution ID: 24

Type: **not specified**

RFQ

Wednesday, 30 September 2009 11:00 (1 hour)

Presenter: VRETENAR, Maurizio (CERN)

Contribution ID: 25

Type: **not specified**

Guided Study 1

Wednesday, 30 September 2009 12:00 (1 hour)

Longitudinal Dynamics

Contribution ID: 26

Type: **not specified**

Short Courses C1, C2, C3

Wednesday, 30 September 2009 14:30 (2 hours)

C1 = RF Measurement Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: 27

Type: **not specified**

Short Courses C1, C2, C3

Wednesday, 30 September 2009 17:00 (1 hour)

C1 = RF Measurements Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: 28

Type: **not specified**

Non-Linear Imperfections I

Thursday, 1 October 2009 08:30 (1 hour)

Presenter: BRUNING, Oliver (CERN)

Contribution ID: 29

Type: **not specified**

Linear Colliders

Thursday, 1 October 2009 09:30 (1 hour)

Presenter: TECKER, Frank (CERN)

Contribution ID: **30**

Type: **not specified**

Non-Linear Imperfections II

Thursday, 1 October 2009 11:00 (1 hour)

Presenter: BRUNING, Oliver (CERN)

Contribution ID: **31**

Type: **not specified**

Tutorial 1

Thursday, 1 October 2009 12:00 (1 hour)

Longitudinal Dynamics

Contribution ID: 32

Type: **not specified**

Longitudinal Instabilities

Friday, 2 October 2009 08:30 (1 hour)

Presenter: METRAL, Elias (CERN)

Contribution ID: 33

Type: **not specified**

Space Charge

Friday, 2 October 2009 09:30 (1 hour)

Presenter: FERRARIO, Massimo (INFN)

Contribution ID: 34

Type: **not specified**

Sources of Emittance Growth (Hadrons)

Friday, 2 October 2009 11:00 (1 hour)

Presenter: GIOVANNOZZI, Massimo (CERN)

Contribution ID: 35

Type: **not specified**

High Field Magnets

Friday, 2 October 2009 12:00 (1 hour)

Presenter: ROSSI, Lucio (CERN)

Contribution ID: **36**

Type: **not specified**

Low Emittance Machines I

Friday, 2 October 2009 14:30 (1 hour)

Presenter: WOLSKI, Andy (Cockcroft Institute)

Contribution ID: 37

Type: **not specified**

Introduction to Feedback Systems I

Friday, 2 October 2009 15:30 (1 hour)

Presenter: Dr HOFLE, Wolfgang (CERN)

Contribution ID: **38**

Type: **not specified**

Guided Study 2

Friday, 2 October 2009 17:00 (1 hour)

Transverse Dynamics

Contribution ID: 39

Type: **not specified**

Transverse Instabilities

Saturday, 3 October 2009 08:30 (1 hour)

Presenter: METRAL, Elias (CERN)

Contribution ID: 40

Type: **not specified**

Closed Orbit Feedback

Saturday, 3 October 2009 09:30 (1 hour)

Presenter: Dr BOEGE, Michael (PSI)

Contribution ID: 41

Type: **not specified**

Low Emittance Machines II

Saturday, 3 October 2009 11:00 (1 hour)

Presenter: Dr WOLSKI, Andy (Cockcroft Institute)

Contribution ID: 42

Type: **not specified**

Tutorial 2

Saturday, 3 October 2009 12:00 (1 hour)

Transverse Dynamics

Contribution ID: 43

Type: **not specified**

Short Courses C1, C2, C3

Saturday, 3 October 2009 14:30 (2 hours)

C1 = RF Measurement Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: 44

Type: **not specified**

Instabilities in Linacs

Monday, 5 October 2009 08:30 (1 hour)

Presenter: FERRARIO, Massimo (INFN)

Contribution ID: 45

Type: **not specified**

Low Emittance Machines III

Monday, 5 October 2009 09:30 (1 hour)

Presenter: Dr WOLSKI, Andy (Cockcroft Institute)

Contribution ID: 46

Type: **not specified**

Introduction to E.M. Simulations

Monday, 5 October 2009 11:00 (1 hour)

Presenter: WEILAND, Thomas (TU Darmstadt)

Contribution ID: 47

Type: **not specified**

Guided Study 3

Monday, 5 October 2009 12:00 (1 hour)

Low Emittance Machines

Contribution ID: 48

Type: **not specified**

Short Courses C1, C2, C3

Monday, 5 October 2009 14:30 (2 hours)

C1 = RF Measurements Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: 49

Type: **not specified**

Landau Damping I

Tuesday, 6 October 2009 08:30 (1 hour)

Presenter: Dr HOFMANN, Albert

Contribution ID: 50

Type: **not specified**

Insertion Devices

Tuesday, 6 October 2009 09:30 (1 hour)

Presenter: ELLEAUME, Pascal (ESRF)

Contribution ID: 51

Type: **not specified**

FELs

Tuesday, 6 October 2009 11:00 (1 hour)

Presenter: REICHE, Sven (PSI)

Contribution ID: 52

Type: **not specified**

Tutorial 3

Tuesday, 6 October 2009 12:00 (1 hour)

Low Emittance Machines

Contribution ID: 53

Type: **not specified**

Short Courses C1, C2, C3

Tuesday, 6 October 2009 14:30 (2 hours)

C1 = RF Measurements Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: 54

Type: **not specified**

Landau Damping II

Wednesday, 7 October 2009 08:30 (1 hour)

Presenter: HOFMANN, Albert

Contribution ID: 55

Type: **not specified**

Concept of Luminosity

Wednesday, 7 October 2009 09:30 (1 hour)

Presenter: HERR, Werner (CERN)

Contribution ID: 56

Type: **not specified**

Beam Cooling

Wednesday, 7 October 2009 11:00 (1 hour)

Presenter: STECK, Markus (GSI)

Contribution ID: 57

Type: **not specified**

Machine Protection & Collimation

Wednesday, 7 October 2009 12:00 (1 hour)

Presenter: SCHMIDT, Rudiger (CERN)

Contribution ID: **58**

Type: **not specified**

FREE AFTERNOON

Thursday, 1 October 2009 14:30 (4 hours)

Contribution ID: 59

Type: **not specified**

POSTER SESSION

Saturday, 3 October 2009 17:00 (1 hour)

Contribution ID: **60**

Type: **not specified**

DISCUSSION SESSION

Monday, 5 October 2009 17:00 (1 hour)

Contribution ID: **61**

Type: **not specified**

Seminar

Tuesday, 6 October 2009 17:00 (1 hour)

Cancer Therapy with Ion Accelerators

Presenter: Prof. HABERER, Thomas (Heidelberg Ion Therapy Center)

Contribution ID: **62**

Type: **not specified**

VISIT GSI

Wednesday, 7 October 2009 14:30 (3h 30m)

Contribution ID: **63**

Type: **not specified**

Beam-Beam Effects

Thursday, 8 October 2009 08:30 (1 hour)

Presenter: HERR, Werner (CERN)

Contribution ID: 64

Type: **not specified**

High Brilliance Beam Diagnostics

Thursday, 8 October 2009 09:30 (1 hour)

Presenter: CIANCHI, Alessandro (University of Rome "Tor Vergata")

Contribution ID: 65

Type: **not specified**

Muon Colliders & Neutrino Factories

Thursday, 8 October 2009 11:00 (1 hour)

Presenter: LONG, Ken (Imperial College London)

Contribution ID: **66**

Type: **not specified**

Questions and Answers

Thursday, 8 October 2009 12:00 (1 hour)

Contribution ID: 67

Type: **not specified**

Short Courses C1, C2, C3

Thursday, 8 October 2009 14:30 (2 hours)

C1 = RF Measurements Techniques

C2 = Beam Instrumentation and Diagnostics

C3 = Optics Design and Corrections

Contribution ID: **68**

Type: **not specified**

Seminar

Thursday, 8 October 2009 17:00 (1 hour)

3DEM Simulations

Presenter: Dr BALK, Monika (CST AG)

Contribution ID: **69**

Type: **not specified**

Departure after breakfast

Friday, 9 October 2009 08:30 (10 hours)