

2nd ARD ST3 workshop: fs - ps electron and photon beams

Report of Contributions

Contribution ID: 0

Type: **not specified**

Status TELBE

Wednesday 26 February 2014 09:05 (20 minutes)

Presenter: Dr GENSCH, Michael (DESY)

Session Classification: Status of accelerator facilities in ST3

Contribution ID: 1

Type: **not specified**

Status ANKA/FLUTE

Wednesday 26 February 2014 09:25 (25 minutes)

Presenter: Mr SCHUH, Marcel (KIT)

Session Classification: Status of accelerator facilities in ST3

Contribution ID: 2

Type: **not specified**

Status PITZ

Wednesday 26 February 2014 09:50 (25 minutes)

Presenter: Dr KRASILNIKOV, Mikhail (DESY)

Session Classification: Status of accelerator facilities in ST3

Contribution ID: 3

Type: **not specified**

AXSIS

Wednesday 26 February 2014 11:25 (25 minutes)

Presenter: FALLAHI, Arya (CFEL-DESY)

Session Classification: Status of accelerator facilities in ST3

Contribution ID: 4

Type: **not specified**

Status SINBAD: distributed test facility

Wednesday 26 February 2014 11:00 (25 minutes)

Presenter: Dr ASSMANN, Ralph (DESY)

Session Classification: Status of accelerator facilities in ST3

Contribution ID: 5

Type: **not specified**

Status: DELTA

Wednesday 26 February 2014 10:35 (25 minutes)

Presenter: Prof. KHAN, Shaukat (Technische Universitaet Dortmund)

Session Classification: Status of accelerator facilities in ST3

Contribution ID: 6

Type: **not specified**

Optical Synhronization and new BAM developments @ FLASH

Wednesday 26 February 2014 13:20 (20 minutes)

Presenter: CZWALINNA, Marie Christine (DESY)

Session Classification: Seeding and Synchronization

Contribution ID: 7

Type: **not specified**

Plans for Synchronization at the European X-FEL

Wednesday 26 February 2014 13:40 (20 minutes)

Presenter: Mr SYDLO, Cezary (DESY)

Session Classification: Seeding and Synchronization

Contribution ID: 8

Type: **not specified**

Compact laser synchronization

Wednesday 26 February 2014 14:40 (20 minutes)

Presenter: Dr PEIER, Peter (DESY)

Session Classification: Seeding and Synchronization

Contribution ID: 9

Type: **not specified**

Recent pulsed synchronization results

Wednesday 26 February 2014 14:00 (20 minutes)

Presenter: KEMAL, Ahmed (DESY)

Session Classification: Seeding and Synchronization

Contribution ID: **10**

Type: **not specified**

Optical synchronization: Status ELBE

Wednesday 26 February 2014 14:20 (20 minutes)

Presenter: KUNTZSCH, Michael

Session Classification: Seeding and Synchronization

Contribution ID: **11**

Type: **not specified**

Seeding progress @ FLASH

Wednesday 26 February 2014 13:00 (20 minutes)

Presenter: Dr EKANAYAKE, Nagitha (DESY, FS-LA)

Session Classification: Seeding and Synchronization

Contribution ID: 12

Type: **not specified**

Cavity-based bunch arrivaltime monitor for few 10 pC bunches

Presenter: Dr HANSLI, Matthias (IMP / TU Darmstadt)

Contribution ID: **13**

Type: **not specified**

Cavity-based Bunch Arrivalttime Monitor

Wednesday 26 February 2014 16:40 (20 minutes)

Presenter: Dr HANSLI, Matthias (IMP / TU Darmstadt)

Session Classification: Accelerator controls and LLRF

Contribution ID: 14

Type: **not specified**

LLRF controls upgrade @ FLASH

Wednesday 26 February 2014 16:00 (20 minutes)

Presenters: SCHMIDT, Christian (DESY); Mr SCHMIDT, Christian (DESY)

Session Classification: Accelerator controls and LLRF

Contribution ID: 15

Type: **not specified**

Towards attosecond RF controls

Wednesday 26 February 2014 15:20 (20 minutes)

Presenter: Dr HOFFMANN, Matthias (DESY)

Session Classification: Accelerator controls and LLRF

Contribution ID: **16**

Type: **not specified**

High speed beam-based feedback

Wednesday 26 February 2014 15:40 (20 minutes)

Presenter: Mr PFEIFFER, Sven (DESY)

Session Classification: Accelerator controls and LLRF

Contribution ID: 17

Type: **not specified**

LLRF tests @ ELBE

Wednesday 26 February 2014 16:20 (20 minutes)

Presenter: Mr RUTKOWSKI, Igor (ISE, Warsaw University of Technology)

Session Classification: Accelerator controls and LLRF

Contribution ID: **18**

Type: **not specified**

Introduction to ARD test facilities in subtopic 3

Thursday 27 February 2014 08:55 (10 minutes)

Presenter: Dr GENSCH, Michael (DESY)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: **19**

Type: **not specified**

Fast THz detectors

Presenter: N.N. (KIT)

Contribution ID: 20

Type: **not specified**

Fast THz detectors

Thursday 27 February 2014 09:05 (20 minutes)

Presenter: RAASCH, Juliane (KIT)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 21

Type: **not specified**

Electron bunch diagnostic @ PITZ

Thursday 27 February 2014 09:25 (20 minutes)

Presenter: Dr OPPELT, Anne (DESY)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 22

Type: **not specified**

THz-based longitudinal electron bunch diagnostic at the quasi-cw accelerator ELBE

Thursday 27 February 2014 09:45 (20 minutes)

Presenter: GREEN, Bertram (HZDR)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 23

Type: **not specified**

Transverse deflecting cavity @ FLASH: recent developments

Thursday 27 February 2014 10:05 (20 minutes)

Presenter: Dr GERTH, Christopher (DESY)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 24

Type: **not specified**

Optical afterburner for ONLINE X-ray pulse duration measurements

Thursday 27 February 2014 10:45 (20 minutes)

Presenter: Dr STOJANOVIC, Nikola (DESY)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 25

Type: **not specified**

Few Femtosecondlevel arrivaltime measurements at high quasi-cw reprates and low charges

Thursday 27 February 2014 11:05 (20 minutes)

Presenter: KOVALEV, Sergey

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 26

Type: **not specified**

Electro-optic sampling for electron bunch diagnostic @ ANKA and FLUTE

Thursday 27 February 2014 11:25 (20 minutes)

Presenter: HILLER, Nicole (KIT)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 27

Type: **not specified**

A double-prism spectrometer for longitudinal electron bunch diagnostics with mid-infrared transition radiation

Thursday 27 February 2014 11:45 (20 minutes)

Presenter: Mr WUNDERLICH, Steffen (Deutsches Elektronen-Synchrotron DESY)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: **28**

Type: **not specified**

Fast board electronics

Thursday 27 February 2014 12:05 (20 minutes)

Presenter: Dr CASELLE, Michele (KIT)

Session Classification: Ultra-fast pulse diagnostics

Contribution ID: 29

Type: **not specified**

Calculation of Xtreme near field IR/THz radiation for beamline design

Thursday 27 February 2014 14:45 (20 minutes)

Presenter: RIEGER, Peter (KIT)

Session Classification: Beam dynamics

Contribution ID: **30**

Type: **not specified**

Short pulse dynamics @ FLASH

Thursday 27 February 2014 15:25 (20 minutes)

Presenter: Ms REHDEERS, Marie (University of Hamburg)

Session Classification: Beam dynamics

Contribution ID: **31**

Type: **not specified**

THz electric field calculations

Thursday 27 February 2014 15:05 (20 minutes)

Presenter: Dr SCHWARZ, Markus (KIT)

Session Classification: Beam dynamics

Contribution ID: **32**

Type: **not specified**

tbd

Presenter: N.N.

Contribution ID: 33

Type: **not specified**

Analysis of CSR multibunch studies

Thursday 27 February 2014 13:25 (20 minutes)

Presenter: BROSI, Miriam (KIT)

Session Classification: Beam dynamics

Contribution ID: **34**

Type: **not specified**

tbd

Presenter: N.N.

Contribution ID: 35

Type: **not specified**

Electron beam dynamics: Status ELBE

Thursday 27 February 2014 13:45 (20 minutes)

Presenter: LEHNERT, Ulf (HZDR)

Session Classification: Beam dynamics

Contribution ID: **36**

Type: **not specified**

Beam dynamics calculation for BESSY-VSR

Thursday 27 February 2014 14:05 (20 minutes)

Presenter: Mr RUPRECHT, Martin (Helmholtz-Zentrum Berlin)

Session Classification: Beam dynamics

Contribution ID: 37

Type: **not specified**

Final Discussion

Thursday 27 February 2014 16:05 (1 hour)

Presenters: MUELLER, Anke-Susanne (KIT); Dr SCHLARB, Holger (DESY); Dr GENSCH, Michael (DESY)

Session Classification: Final discussion

Contribution ID: **38**

Type: **not specified**

Beam dynamics studies @ DELTA

Thursday 27 February 2014 14:25 (20 minutes)

Presenter: Prof. KHAN, Shaukat (Technische Universitaet Dortmund)

Session Classification: Beam dynamics

Contribution ID: 39

Type: **not specified**

Brief introduction to ARD-ST3 Workshop Series

Wednesday 26 February 2014 09:00 (5 minutes)

Presenter: MUELLER, Anke-Susanne (KIT)

Session Classification: Status of accelerator facilities in ST3