5th Mini-Workshop on Longitudinal Diagnostics for FELs

Report of Contributions

https://indico.desy.de/e/13339

Contribution ID: **0** Type: **not specified**

Welcome

Thursday, 19 November 2015 09:00 (15 minutes)

Presenter: Dr GERTH, Christopher (DESY)

Session Classification: Facility Report & Overview

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

European XFEL - Status

Thursday, 19 November 2015 09:15 (15 minutes)

Presenter: DECKING, Winfried (DESY)

Session Classification: Facility Report & Overview

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

SwissFEL - Status

Thursday, 19 November 2015 09:30 (15 minutes)

Presenter: SCHLOTT, Volker (PSI)

Session Classification: Facility Report & Overview

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

FLUTE - Status

Thursday, 19 November 2015 09:45 (15 minutes)

Presenter: Dr SMIT, Bennie (KIT)

Session Classification: Facility Report & Overview

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

MAX4 - Status

Thursday, 19 November 2015 10:00 (15 minutes)

Presenter: Dr CURBIS, Francesca (MAX IV laboratory, Lund University)

Session Classification: Facility Report & Overview

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

Discussion

Thursday, 19 November 2015 10:30 (10 minutes)

Presenter: Dr GERTH, Christopher (DESY)

Session Classification: Facility Report & Overview

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

EO at XFEL

Thursday, 19 November 2015 11:22 (4 minutes)

Presenter: STEFFEN, Bernd

Session Classification: EO Diagnostics

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

The DELTA Short-Pulse Facility

Thursday, 19 November 2015 10:15 (15 minutes)

Presenter: MAI, Carsten

Session Classification: Facility Report & Overview

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

EO experiments / results at ALICE

Thursday, 19 November 2015 11:30 (4 minutes)

Presenter: WALSH, David

Session Classification: EO Diagnostics

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

EO new ideas and developments

Presenter: Dr JAMISON, Steven (STFC)

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

EO at FLUTE (introduction)

Thursday, 19 November 2015 11:14 (4 minutes)

Presenter: NIEHUES, Gudrun

Session Classification: EO Diagnostics

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

Wakefield optimized EO Arm

Thursday, 19 November 2015 11:18 (4 minutes)

Presenter: SCHOENFELDT, Patrick

Session Classification: EO Diagnostics

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

Simulations for BC3 (aka ECOL) Compression monitor

Thursday, 19 November 2015 14:00 (5 minutes)

Presenter: FREI, Franziska

Session Classification: Coherent Radiation Diagnostics

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

THz spectrometer calibration at FELIX

Thursday, 19 November 2015 14:05 (5 minutes)

Presenter: KÖVENER, Toke

Session Classification: Coherent Radiation Diagnostics

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

Status of the double-prism spectrometer for the diagnosis of fs electron bunches

Thursday, 19 November 2015 14:10 (5 minutes)

Presenter: WUNDERLICH, Steffen

Session Classification: Coherent Radiation Diagnostics

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

CRISP4 at FLASH

Presenter: HASS, Eugen

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

THz antenna development

Thursday, 19 November 2015 14:15 (5 minutes)

Presenter: SCHISELSKI, Mario

Session Classification: Coherent Radiation Diagnostics

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

Coherent radiation diagnostics at XFEL

Thursday, 19 November 2015 14:20 (5 minutes)

Presenter: PEIER, Peter

Session Classification: Coherent Radiation Diagnostics

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

Response matrix measurements at FLASH

Thursday, 19 November 2015 14:25 (5 minutes)

Presenter: DINTER, Hannes

Session Classification: Coherent Radiation Diagnostics

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

SwissFEL Synchrotron Radiation Monitors: Design and Concept

Thursday, 19 November 2015 14:30 (5 minutes)

Presenter: ORLANDI, Gianluca

Session Classification: Coherent Radiation Diagnostics

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

KALYPSO as EOD spectrometer based on MTCA.4

Friday, 20 November 2015 09:00 (5 minutes)

Presenter: MAKOWSKI, Dariusz

Session Classification: Fast 1D Detectors

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

Status prototype development of KALYPSO EO Detector

Friday, 20 November 2015 09:05 (5 minutes)

Presenter: MIELCZAREK, Aleksander

Session Classification: Fast 1D Detectors

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

FAST 1D detector development KIT version: KALYPSO

Friday, 20 November 2015 09:10 (5 minutes)

Presenter: CASELLE, Michelle

Session Classification: Fast 1D Detectors

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

FAST 1D detector development KIT version

Friday, 20 November 2015 09:15 (5 minutes)

Presenter: ROTA, Lorenzo

Session Classification: Fast 1D Detectors

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

Gotthard Modul

Friday, 20 November 2015 09:20 (5 minutes)

Presenter: CORREA, Jonathan

Session Classification: Fast 1D Detectors

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

Development of an Arrival Time Detector for Time-of-Flight Spectrometers

Friday, 20 November 2015 10:30 (4 minutes)

Presenter: OZKAN, Cigdem

Session Classification: Special Topics

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

Plasma-based peak current monitor for the ultra-short FEL bunches.

Friday, 20 November 2015 10:46 (4 minutes)

Presenter: TARKESHIAN, Roxana

Session Classification: Special Topics

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

Laser-based acceleration experiments

Friday, 20 November 2015 10:50 (4 minutes)

Presenter: ISCHBECK, Rasmus

Session Classification: Special Topics

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

The Bunch-Arrival Time Monitors for SwissFEL

Friday, 20 November 2015 10:34 (4 minutes)

Presenter: Dr ARSOV, Vladimir (PSI)

Session Classification: Special Topics

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

THz driven Acceleration programme at STFC

Friday, 20 November 2015 10:38 (4 minutes)

Presenter: Dr JAMISON, Steven (STFC)

Session Classification: Special Topics

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

Design concept for a THz driven streak camera

Friday, 20 November 2015 10:42 (4 minutes)

Presenter: DEHLER, M.

Session Classification: Special Topics

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

Ultra-Fast Single-Shot Electro-Optical Diagnostics with KALYPSO at ANKA

Thursday, 19 November 2015 11:10 (4 minutes)

Presenter: HILLER, Nicole (KIT)

Session Classification: EO Diagnostics

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

EO Diagnostics at DELTA

Thursday, 19 November 2015 11:26 (4 minutes)

Presenter: NIEMCZYK, Raffael (TU Dortmund)

Session Classification: EO Diagnostics

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

Laser Synchronisation based on MTCA standard

Thursday, 19 November 2015 11:34 (4 minutes)

Presenters: Dr PRZYGODA, Konrad (DESY); Mr HEUER, Michael (German)

Session Classification: EO Diagnostics

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

EOD Poster Session

Thursday, 19 November 2015 11:42 (38 minutes)

Session Classification: EO Diagnostics

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

Discussion/Conclusions/Future Collaborations

Thursday, 19 November 2015 12:20 (20 minutes)

Session Classification: EO Diagnostics

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

ASICs Design for Detectors

Thursday, 19 November 2015 16:00 (1 hour)

Presenter: CASELLE, Michele (KIT)

Session Classification: Tutorial: ASICs Design for Detectors

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

GOTTHARD modul for shot-to-shot spectroscopy at FLASH

Friday, 20 November 2015 09:25 (5 minutes)

Presenter: Mr PALUTKE, Steffen (DESY)

Session Classification: Fast 1D Detectors

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

Bunch Length Measurements of fs Bunches using a TDS

Presenter: Dr SMIT, Bennie (KIT)

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

Highlights, lessons learned, collaborations, and next workshop

Friday, 20 November 2015 12:00 (30 minutes)

Presenters: Dr GERTH, Christopher (DESY); HILLER, Nicole (KIT); Dr ISCHEBECK, Rasmus (Paul Scherrer Institut)

Session Classification: Round Up WS/Conclusions/Future Collaborations

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

XFEL Tour

Friday, 20 November 2015 13:45 (1h 15m)

Presenters: Dr GERTH, Christopher (DESY); Dr PEIER, Peter (DESY)

Session Classification: XFEL Tour

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

Poster Session: CRD

Thursday, 19 November 2015 14:35 (55 minutes)

Session Classification: Coherent Radiation Diagnostics

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

Discussion / Conclusions / Future Collaborations

Thursday, 19 November 2015 15:30 (30 minutes)

Session Classification: Coherent Radiation Diagnostics

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

Poster Session: 1D Detector

Friday, 20 November 2015 09:30 (30 minutes)

Session Classification: Fast 1D Detectors

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

Discussion / Conclusions / Future Collaborations

Friday, 20 November 2015 10:00 (30 minutes)

Session Classification: Fast 1D Detectors

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

Poster Session: Special Topics

Friday, 20 November 2015 10:54 (42 minutes)

Session Classification: Special Topics

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

Discussion / Conclusions / Future Collaborations

Friday, 20 November 2015 11:36 (24 minutes)

Session Classification: Special Topics

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

Increasing the repetition rate of electro-optic sampling setups using the photonic time-stretch strategy: results at SOLEIL and ANKA

Thursday, 19 November 2015 11:38 (4 minutes)

Primary author: Prof. BIELAWSKI, Serge (PhLAM, Université Lille 1 (France))

Presenter: Prof. BIELAWSKI, Serge (PhLAM, Université Lille 1 (France))

Session Classification: EO Diagnostics