

**5th Mini-Workshop on
Longitudinal Diagnostics for
FELs**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Thursday, November 19, 2015 9:00 AM (15 minutes)

Presenter: Dr GERTH, Christopher (DESY)

Session Classification: Facility Report & Overview

Contribution ID: 1

Type: **not specified**

European XFEL - Status

Thursday, November 19, 2015 9:15 AM (15 minutes)

Presenter: DECKING, Winfried (DESY)

Session Classification: Facility Report & Overview

Contribution ID: 2

Type: **not specified**

SwissFEL - Status

Thursday, November 19, 2015 9:30 AM (15 minutes)

Presenter: SCHLOTT, Volker (PSI)

Session Classification: Facility Report & Overview

Contribution ID: 3

Type: **not specified**

FLUTE - Status

Thursday, November 19, 2015 9:45 AM (15 minutes)

Presenter: Dr SMIT, Bennie (KIT)

Session Classification: Facility Report & Overview

Contribution ID: 4

Type: **not specified**

MAX4 - Status

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

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

Session Classification: Facility Report & Overview

Contribution ID: 5

Type: **not specified**

Discussion

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

Presenter: Dr GERTH, Christopher (DESY)

Session Classification: Facility Report & Overview

Contribution ID: 6

Type: **not specified**

EO at XFEL

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

Presenter: STEFFEN, Bernd

Session Classification: EO Diagnostics

Contribution ID: 7

Type: **not specified**

The DELTA Short-Pulse Facility

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

Presenter: MAI, Carsten

Session Classification: Facility Report & Overview

Contribution ID: 8

Type: **not specified**

EO experiments / results at ALICE

Thursday, November 19, 2015 11:30 AM (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, November 19, 2015 11:14 AM (4 minutes)

Presenter: NIEHUES, Gudrun

Session Classification: EO Diagnostics

Contribution ID: 11

Type: **not specified**

Wakefield optimized EO Arm

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

Presenter: SCHOENFELDT, Patrick

Session Classification: EO Diagnostics

Contribution ID: 12

Type: **not specified**

Simulations for BC3 (aka ECOL) Compression monitor

Thursday, November 19, 2015 2:00 PM (5 minutes)

Presenter: FREI, Franziska

Session Classification: Coherent Radiation Diagnostics

Contribution ID: 13

Type: **not specified**

THz spectrometer calibration at FELIX

Thursday, November 19, 2015 2:05 PM (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, November 19, 2015 2:10 PM (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, November 19, 2015 2:15 PM (5 minutes)

Presenter: SCHISELSKI, Mario

Session Classification: Coherent Radiation Diagnostics

Contribution ID: **18**

Type: **not specified**

Coherent radiation diagnostics at XFEL

Thursday, November 19, 2015 2:20 PM (5 minutes)

Presenter: PEIER, Peter

Session Classification: Coherent Radiation Diagnostics

Contribution ID: 19

Type: **not specified**

Response matrix measurements at FLASH

Thursday, November 19, 2015 2:25 PM (5 minutes)

Presenter: DINTER, Hannes

Session Classification: Coherent Radiation Diagnostics

Contribution ID: 20

Type: **not specified**

SwissFEL Synchrotron Radiation Monitors: Design and Concept

Thursday, November 19, 2015 2:30 PM (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, November 20, 2015 9:00 AM (5 minutes)

Presenter: MAKOWSKI, Dariusz

Session Classification: Fast 1D Detectors

Contribution ID: 22

Type: **not specified**

Status prototype development of KALYPSO EO Detector

Friday, November 20, 2015 9:05 AM (5 minutes)

Presenter: MIELCZAREK, Aleksander

Session Classification: Fast 1D Detectors

Contribution ID: 23

Type: **not specified**

FAST 1D detector development KIT version: KALYPSO

Friday, November 20, 2015 9:10 AM (5 minutes)

Presenter: CASELLE, Michelle

Session Classification: Fast 1D Detectors

Contribution ID: 24

Type: **not specified**

FAST 1D detector development KIT version

Friday, November 20, 2015 9:15 AM (5 minutes)

Presenter: ROTA, Lorenzo

Session Classification: Fast 1D Detectors

Contribution ID: 25

Type: **not specified**

Gotthard Modul

Friday, November 20, 2015 9:20 AM (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, November 20, 2015 10:30 AM (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, November 20, 2015 10:46 AM (4 minutes)

Presenter: TARKESHIAN, Roxana

Session Classification: Special Topics

Contribution ID: 28

Type: **not specified**

Laser-based acceleration experiments

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

Presenter: ISCHBECK, Rasmus

Session Classification: Special Topics

Contribution ID: 29

Type: **not specified**

The Bunch-Arrival Time Monitors for SwissFEL

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

Presenter: Dr ARSOV, Vladimir (PSI)

Session Classification: Special Topics

Contribution ID: **30**

Type: **not specified**

THz driven Acceleration programme at STFC

Friday, November 20, 2015 10:38 AM (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, November 20, 2015 10:42 AM (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, November 19, 2015 11:10 AM (4 minutes)

Presenter: HILLER, Nicole (KIT)

Session Classification: EO Diagnostics

Contribution ID: 35

Type: **not specified**

EO Diagnostics at DELTA

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

Presenter: NIEMCZYK, Raffael (TU Dortmund)

Session Classification: EO Diagnostics

Contribution ID: 36

Type: **not specified**

Laser Synchronisation based on MTCA standard

Thursday, November 19, 2015 11:34 AM (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, November 19, 2015 11:42 AM (38 minutes)

Session Classification: EO Diagnostics

Contribution ID: **38**

Type: **not specified**

Discussion/Conclusions/Future Collaborations

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

Session Classification: EO Diagnostics

Contribution ID: 39

Type: **not specified**

ASICs Design for Detectors

Thursday, November 19, 2015 4:00 PM (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, November 20, 2015 9:25 AM (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, November 20, 2015 12:00 PM (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, November 20, 2015 1:45 PM (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, November 19, 2015 2:35 PM (55 minutes)

Session Classification: Coherent Radiation Diagnostics

Contribution ID: 50

Type: **not specified**

Discussion / Conclusions / Future Collaborations

Thursday, November 19, 2015 3:30 PM (30 minutes)

Session Classification: Coherent Radiation Diagnostics

Contribution ID: 51

Type: **not specified**

Poster Session: 1D Detector

Friday, November 20, 2015 9:30 AM (30 minutes)

Session Classification: Fast 1D Detectors

Contribution ID: 52

Type: **not specified**

Discussion / Conclusions / Future Collaborations

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

Session Classification: Fast 1D Detectors

Contribution ID: 53

Type: **not specified**

Poster Session: Special Topics

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

Session Classification: Special Topics

Contribution ID: 54

Type: **not specified**

Discussion / Conclusions / Future Collaborations

Friday, November 20, 2015 11:36 AM (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, November 19, 2015 11:38 AM (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