

3rd Mini-Workshop on Longitudinal Diagnostics for FELs

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Presenters: GERTH, Christopher; HILLER, Nicole; ISCHEBECK, Rasmus

Contribution ID: 1

Type: **not specified**

Status of MAX-IV and longitudinal diagnostics for the Short Pulse Facility (SPF)

Presenter: MANSTEN, Erik

Contribution ID: 2

Type: **not specified**

Status SwissFEL and overview on longitudinal diagnostics

Presenter: SCHLOTT, Volker

Contribution ID: 3

Type: **not specified**

Status European XFEL and overview on longitudinal diagnostics

Presenter: Dr GERTH, Christopher (DESY)

Contribution ID: 4

Type: **not specified**

Status FLUTE

Presenter: SCHUH, Marcel

Contribution ID: 5

Type: **not specified**

Discussion - as buffer

Contribution ID: 6

Type: **not specified**

Welcome

Thursday 3 July 2014 09:00 (15 minutes)

Primary author: GERTH, Christopher

Presenters: GERTH, Christopher; HILLER, Nicole; ISCHEBECK, Rasmus

Session Classification: Session 1: Facility Report and Overview

Contribution ID: 8

Type: **not specified**

Status SwissFEL and overview on longitudinal diagnostics

Thursday 3 July 2014 09:15 (10 minutes)

Primary author: SCHLOTT, Volker

Presenter: SCHLOTT, Volker

Session Classification: Session 1: Facility Report and Overview

Contribution ID: 9

Type: **not specified**

Status European XFEL and overview on longitudinal diagnostics

Thursday 3 July 2014 09:25 (10 minutes)

Primary author: GERTH, Christopher

Presenter: GERTH, Christopher

Session Classification: Session 1: Facility Report and Overview

Contribution ID: **10**

Type: **not specified**

Status FLUTE

Thursday 3 July 2014 09:35 (10 minutes)

Primary author: Dr SCHUH, Marcel (KIT - ANKA)

Presenter: SCHUH, Marcel

Session Classification: Session 1: Facility Report and Overview

Contribution ID: **11**

Type: **not specified**

Discussion (as buffer)

Thursday 3 July 2014 09:45 (15 minutes)

Session Classification: Session 1: Facility Report and Overview

Contribution ID: **12**

Type: **not specified**

EO Activities at FLASH

Thursday 3 July 2014 10:30 (3 minutes)

Primary author: STEFFEN, Bernd

Presenter: STEFFEN, Bernd

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: 13

Type: **not specified**

EO Activities at KIT (ANKA & FLUTE)

Thursday 3 July 2014 10:33 (3 minutes)

Primary author: HILLER, Nicole

Presenters: BORISENKO, Andrii; HILLER, Nicole; SCHÖNFELDT, Patrik

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: **14**

Type: **not specified**

EO at PSI

Thursday 3 July 2014 10:45 (3 minutes)

Primary author: IVANISENKO, Yevgeniy

Presenter: IVANISENKO, Yevgeniy

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: 15

Type: **not specified**

Bunch-Compression Studies at the SwissFEL Injector Test Facility

Thursday 3 July 2014 10:48 (3 minutes)

Presenter: ORLANDI, Gian Luca

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: **16**

Type: **not specified**

EO at ELBE (HZDR)

Presenter: GREEN, Bertram

Contribution ID: 17

Type: **not specified**

Schottky Diode Detectors at PSI

Thursday 3 July 2014 10:51 (3 minutes)

Presenter: FREI, Franziska

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: **18**

Type: **not specified**

Schottky Diode Detectors at KIT

Thursday 3 July 2014 10:54 (3 minutes)

Presenter: STEINMANN, Johannes

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: **19**

Type: **not specified**

Fast YBCO Detector

Thursday 3 July 2014 10:57 (3 minutes)

Presenter: RAASCH, Juliane

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: 20

Type: **not specified**

Fast Detector Read-out - KAPTURE (KARlsruhe Pulse Taking & Ultra-fast Readout Electronics)

Thursday 3 July 2014 11:00 (3 minutes)

Presenter: CASELLE, Michele

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: **21**

Type: **not specified**

10 THz Detectors / MCT detector

Presenter: HASS, Eugen

Contribution ID: 22

Type: **not specified**

MHz rep rate InGaAs (Gotthard II) line detector

Thursday 3 July 2014 10:39 (3 minutes)

Presenter: ROTA, Lorenzo

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: 23

Type: **not specified**

Summary & Discussion

Thursday 3 July 2014 14:00 (1 hour)

Presenter: SCHLOTT, Volker

Contribution ID: 24

Type: **not specified**

Nanosecond Laser Electro-Optic Diagnostics: Progress on Spectral Upconversion and FROG Systems

Thursday 3 July 2014 17:00 (30 minutes)

Primary author: JAMISON, Steven

Presenter: JAMISON, Steven

Session Classification: (Invited Talks) Session 3: Diagnostics R&D

Contribution ID: 25

Type: **not specified**

EO Diagnostics using a nanosecond-pulse laser and possible application at FLASH

Presenter: GILLESPIE, Allan

Contribution ID: 26

Type: **not specified**

Ideas on optical pulse lengths diagnostics

Presenter: FEURER, Thomas

Contribution ID: 27

Type: **not specified**

Streak Camera / OTR

Presenter: SCHWUM, Patrick (Optronics)

Contribution ID: 28

Type: **not specified**

THz Grating Spectromter at FLASH and E-XFEL

Presenter: HASS, Eugen

Contribution ID: 29

Type: **not specified**

THz Grating Spectromter at FLASH and E-XFEL

Presenters: HASS, Eugen; PEIER, Peter

Contribution ID: **30**

Type: **not specified**

Prism NIR Spectrometer for short bunches

Presenter: WUNDERLICH, Steffen

Contribution ID: **31**

Type: **not specified**

Correlation of incoherent radiation

Presenter: SMIT, Bennie

Contribution ID: 32

Type: **not specified**

Bunch Arrival Time monitor for E-XFEL

Presenter: CZWALINNA, Marie

Contribution ID: 33

Type: **not specified**

Bunch Arrival Time monitor for SwissFEL

Presenter: ARSOV, Vladimir

Contribution ID: **34**

Type: **not specified**

Laser Arrival Monitor

Presenter: ROMANN, Albert

Contribution ID: 35

Type: **not specified**

UV-OXC for PI laser feedback

Presenter: MUELLER, Jost

Contribution ID: 36

Type: **not specified**

Summary & Discussion

Contribution ID: 37

Type: **not specified**

Closing remarks - feedback - decision upon date/location of next workshop

Friday 4 July 2014 12:15 (15 minutes)

Contribution ID: **38**

Type: **not specified**

End of workshop

Transfer to Karlsruhe (Train Station or Hotel)

Contribution ID: 39

Type: **not specified**

THz Grating Spectromter at FLASH and E-XFEL

Presenters: HASS, Eugen; PEIER, Peter

Contribution ID: 40

Type: **not specified**

THz Grating Spectromter at FLASH and E-XFEL

Friday 4 July 2014 09:00 (3 minutes)

Presenter: PEIER, Peter

Session Classification: (Speed Poster) Session 4: Spectral Diagnostics & Arrival Time Diagnostics

Contribution ID: 41

Type: **not specified**

Prism NIR Spectrometer for short bunches

Friday 4 July 2014 09:03 (3 minutes)

Presenter: WUNDERLICH, Steffen

Session Classification: (Speed Poster) Session 4: Spectral Diagnostics & Arrival Time Diagnostics

Contribution ID: 42

Type: **not specified**

Correlation of incoherent radiation

Presenter: SMIT, Bennie

Contribution ID: 43

Type: **not specified**

Bunch Arrival Time monitor for E-XFEL

Friday 4 July 2014 09:06 (3 minutes)

Presenter: CZWALINNA, Marie

Session Classification: (Speed Poster) Session 4: Spectral Diagnostics & Arrival Time Diagnostics

Contribution ID: 44

Type: **not specified**

Bunch Arrival Time monitor for SwissFEL

Friday 4 July 2014 09:09 (3 minutes)

Presenter: ARSOV, Vladimir (PSI)

Session Classification: (Speed Poster) Session 4: Spectral Diagnostics & Arrival Time Diagnostics

Contribution ID: 45

Type: **not specified**

Laser Arrival Monitor

Presenter: ROMANN, Albert

Contribution ID: 46

Type: **not specified**

UV-OXC for PI laser feedback

Presenter: MUELLER, Jost

Contribution ID: 47

Type: **not specified**

buffer in case there are more participants

Contribution ID: 48

Type: **not specified**

Mode-Damped Near-Field EO Monitor

Thursday 3 July 2014 10:36 (3 minutes)

Presenter: Mr SCHÖNFELDT, Patrik (KIT)

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: 49

Type: **not specified**

EO Simulations for FLUTE

Thursday 3 July 2014 10:42 (3 minutes)

Presenter: Mr BORYSENKO, Andrii (KIT)

Session Classification: (Speed Poster) Session 2: Time Domain Diagnostics & Detectors

Contribution ID: 50

Type: **not specified**

Tours of FLUTE, ANKA & IPE

Thursday 3 July 2014 15:00 (1h 30m)

Session Classification: Tours of FLUTE, ANKA & IPE