

15th Meeting of the European XFEL Detector Advisory Committee

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction and Welcome

Monday 2 December 2013 13:00 (18 minutes)

Presenter: Dr SCHWARZ, Andreas (European XFEL GmbH)

Session Classification: General Session

Contribution ID: 1

Type: **not specified**

Status of the Detector Development Program - WP-75

Monday 2 December 2013 13:18 (18 minutes)

Presenter: KUSTER, Markus (European XFEL GmbH)

Session Classification: General Session

Contribution ID: 2

Type: **not specified**

Calibration Working Group and Calibration Infrastructure

Monday 2 December 2013 13:36 (18 minutes)

Presenter: Dr SZTUK-DAMBIETZ, Jolanta (European XFEL GmbH)

Session Classification: General Session

Contribution ID: 3

Type: **not specified**

Overview and Status of the DSSC Project

Monday 2 December 2013 13:54 (18 minutes)

Presenter: Dr PORRO, Matteo (Max Planck Institut Halbleiterlabor)

Session Classification: General Session

Contribution ID: 4

Type: **not specified**

Overview and Status of the LPD Project

Monday 2 December 2013 14:12 (18 minutes)

Presenter: Dr HART, Matthew (STFC RAL)

Session Classification: General Session

Contribution ID: 5

Type: **not specified**

Overview and Status of the AGIPD Project

Monday 2 December 2013 14:30 (18 minutes)

Presenter: GRAAFSMA, Heinz (DESY)

Session Classification: General Session

Contribution ID: 6

Type: **not specified**

Karabo 1.0

Monday 2 December 2013 14:48 (18 minutes)

Presenter: Dr HEISEN, Burkhard (European XFEL GmbH)

Session Classification: General Session

Contribution ID: 7

Type: **not specified**

Status of DAQ and Control and Scientific Computing - WP-76

Monday 2 December 2013 15:06 (18 minutes)

Presenter: Dr YOUNGMAN, Christopher (European XFEL GmbH)

Session Classification: General Session

Contribution ID: 8

Type: **not specified**

Recent Lessons Learned at LCLS

Presenter: Dr KENNEY, Christopher (LCLS)

Contribution ID: 9

Type: **not specified**

Gotthard V2 Proposal

Presenter: Dr SCHMITT, Bernd (PSI)

Contribution ID: **10**

Type: **not specified**

A Fast MCP Detector with a 128-fold Delay Line Readout for the European XFEL

Monday 2 December 2013 15:50 (20 minutes)

Presenter: Dr OELSNER, Andreas (Surface Concept GmbH)

Session Classification: WP-75 Internal Review

Contribution ID: 11

Type: **not specified**

Proposal - CEA Mega Pixel Imager

Presenter: Dr KOCH, Andreas (European XFEL GmbH)

Contribution ID: 12

Type: **not specified**

Small Area Detectors for XFEL

Presenter: Dr TURCATO, Monica (European XFEL)

Contribution ID: 13

Type: **not specified**

Karabo based Calibration Concept and Pipeline for CCDs and Other Imaging Detectors

Monday 2 December 2013 16:45 (20 minutes)

Presenter: Dr HAUF, Steffen (European XFEL GmbH)

Session Classification: WP-75 Internal Review

Contribution ID: 14

Type: **not specified**

Laboratory Tour HERA South

Monday 2 December 2013 08:25 (1h 45m)

Session Classification: Visit to the XFEL Construction Site/Detector/Electronics Laboratories

Contribution ID: 15

Type: **not specified**

Visit to Construction Site in Schenefeld

Monday 2 December 2013 10:25 (1h 35m)

Session Classification: Visit to the XFEL Construction Site/Detector/Electronics Laboratories

Contribution ID: 16

Type: **not specified**

Gotthard V2 Proposal

Presenter: SCHMITT, Bernd (PSI)

Contribution ID: 17

Type: **not specified**

First Results from LPD PETRA and LCLS Tests

Presenter: KOCH, Andreas (European XFEL GmbH)

Contribution ID: **18**

Type: **not specified**

Proposal - CEA Mega Pixel Imager

Presenter: KOCH, Andreas (European XFEL GmbH)

Contribution ID: 19

Type: **not specified**

Small Area Detectors for XFEL

Primary author: Dr TURCATO, Monica (European XFEL)

Presenter: Dr TURCATO, Monica (European XFEL)

Contribution ID: 20

Type: **not specified**

Detector Requirements for SPB: Scientific Motivation (AGIPD, DSSC)

Presenter: Dr MANCUSO, Adrian (European XFEL)

Contribution ID: **21**

Type: **not specified**

DAC Internal Discussions

Monday 2 December 2013 17:30 (2 hours)

Participants: Committee Members

Contribution ID: 22

Type: **not specified**

Software Design Concepts for Pipelined Calibration Processing and Application

Presenter: HAUF, Steffen (European XFEL GmbH)

Contribution ID: 23

Type: **not specified**

DAC - Internal Discussion

Tuesday 3 December 2013 16:00 (2 hours)

Participants: Committee Members

Contribution ID: 24

Type: **not specified**

Close-Out with XFEL Management

Wednesday 4 December 2013 15:00 (1 hour)

Participants: Committee Members + XFEL WP Leaders + XFEL Management

Contribution ID: 25

Type: **not specified**

DAC Internal Discussion

Wednesday 4 December 2013 13:00 (2 hours)

Participants: Committee Members

Contribution ID: 26

Type: **not specified**

Committee Dinner

Committee Members + WP Leaders + XFEL Management

Contribution ID: 27

Type: **not specified**

Status European XFEL

Presenter: Dr SCHWARZ, Andreas (European XFEL GmbH)

Contribution ID: 28

Type: **not specified**

Status of the Detector Program at LCLS

Presenter: KENNEY, Christopher (LCLS)

Contribution ID: 29

Type: **not specified**

Detector and DAQ Status of SACLA User Experiments

Presenter: HATSUI, Takaki (SPring-8)

Contribution ID: **30**

Type: **not specified**

X-ray Radiation Damage: Sensors

After a short introduction into radiation damage the measurements of the relevant parameters characterizing X-ray radiation damage will be described, their impact on segmented p-n sensors discussed and some conclusions drawn.

Presenter: Prof. KLANNER, Robert (Universität Hamburg)

Contribution ID: **31**

Type: **not specified**

The FXE instrument with the LPD

Monday 2 December 2013 16:25 (20 minutes)

Presenter: BRESSLER, Christian (European XFEL Facility)

Session Classification: WP-75 Internal Review

Contribution ID: 32

Type: **not specified**

Status Electronics Development for WP75 and 76

Monday 2 December 2013 17:05 (20 minutes)

Presenter: Mr GESSLER, Patrick (European XFEL GmbH)

Session Classification: WP-75 Internal Review

Contribution ID: 33

Type: **not specified**

Summary of the Performance of the LPD Prototypes from Recent Tests - Consequences on Project and Comparison to Initial Specifications

Monday 2 December 2013 16:10 (15 minutes)

Presenter: Dr KOCH, Andreas (European XFEL GmbH)

Session Classification: WP-75 Internal Review