

# **16th Meeting of the European XFEL Detector Advisory Committee**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Introduction and Welcome

*Monday 26 May 2014 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 26 May 2014 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 26 May 2014 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 26 May 2014 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 26 May 2014 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 26 May 2014 14:30 (18 minutes)*

**Presenter:** GRAAFSMA, Heinz (DESY)

**Session Classification:** General Session

Contribution ID: 6

Type: **not specified**

## Karabo 1.0

**Presenter:** Dr HEISEN, Burkhard (European XFEL GmbH)



Contribution ID: 7

Type: **not specified**

## **Status of Data Management and Data Storage - WP-76**

*Monday 26 May 2014 14:48 (18 minutes)*

**Presenter:** WRONA, Krzysztof (European XFEL GmbH)

**Session Classification:** General Session

Contribution ID: 8

Type: **not specified**

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

**Presenter:** Dr OELSNER, Andreas (Surface Concept GmbH)

Contribution ID: 9

Type: **not specified**

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

**Presenter:** Dr KOCH, Andreas (European XFEL GmbH)

Contribution ID: **10**

Type: **not specified**

## **The FXE instrument with the LPD**

**Presenter:** BRESSLER, Christian (European XFEL Facility)

Contribution ID: 11

Type: **not specified**

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

**Presenter:** Dr HAUF, Steffen (European XFEL GmbH)

Contribution ID: 12

Type: **not specified**

## **Status Electronics Development for WP75 and 76**

**Presenter:** Mr GESSLER, Patrick (European XFEL GmbH)

Contribution ID: 13

Type: **not specified**

## Laboratory Tour HERA South

Contribution ID: 14

Type: **not specified**

## Visit to Construction Site in Schenefeld

*Monday 26 May 2014 10:30 (1h 45m)*

**Session Classification:** Visit to the XFEL Construction Site



Contribution ID: 15

Type: **not specified**

## Close-Out with XFEL Management

*Wednesday 28 May 2014 15:00 (1 hour)*

Participants: Committee Members + XFEL WP Leaders + XFEL Management

Contribution ID: **16**

Type: **not specified**

## **DAC Internal Discussion**

*Wednesday 28 May 2014 13:00 (2 hours)*

Participants: Committee Members

Contribution ID: 17

Type: **not specified**

## Committee Dinner

Committee Members + WP Leaders + XFEL Management

Contribution ID: **18**

Type: **not specified**

## **Status European XFEL**

**Presenter:** Dr SCHWARZ, Andreas (European XFEL GmbH)

Contribution ID: **19**

Type: **not specified**

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

**Presenter:** Dr MANCUSO, Adrian (European XFEL)

Contribution ID: **20**

Type: **not specified**

## **DAC Internal Discussions**

*Monday 26 May 2014 17:30 (2 hours)*

Participants: Committee Members

Contribution ID: 21

Type: **not specified**

## **Software Design Concepts for Pipelined Calibration Processing and Application**

**Presenter:** HAUF, Steffen (European XFEL GmbH)

Contribution ID: 22

Type: **not specified**

## DAC - Internal Discussion

*Tuesday 27 May 2014 16:00 (2 hours)*

Participants: Committee Members



Contribution ID: 23

Type: **not specified**

## Status of the Detector Program at LCLS

**Presenter:** KENNEY, Christopher (LCLS)

Contribution ID: 24

Type: **not specified**

## **Detector and DAQ Status of SACLA User Experiments**

**Presenter:** HATSUI, Takaki (SPRING-8)

Contribution ID: 25

Type: **not specified**

## **First Results from LPD PETRA and LCLS Tests**

**Presenter:** KOCH, Andreas (European XFEL GmbH)

Contribution ID: 26

Type: **not specified**

## Gotthard V2 Proposal

**Presenter:** SCHMITT, Bernd (PSI)

Contribution ID: 27

Type: **not specified**

## Small Area Detectors for XFEL

**Primary author:** Dr TURCATO, Monica (European XFEL)

**Presenter:** Dr TURCATO, Monica (European XFEL)

Contribution ID: 28

Type: **not specified**

## Proposal - CEA Mega Pixel Imager

**Presenter:** KOCH, Andreas (European XFEL GmbH)

Contribution ID: 29

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)