

**MSK collaboration workshop**

# **Report of Contributions**

Contribution ID: **0**

Type: **not specified**

# Welcome

*Monday 12 May 2014 09:00 (10 minutes)*

**Presenter:** Dr SCHLARB, Holger (DESY)

Contribution ID: 1

Type: **not specified**

## XFEL LLRF installation overview

*Monday 12 May 2014 09:10 (20 minutes)*

**Presenter:** BRANLARD, Julien (DESY)

**Session Classification:** Installations for the XFEL

Contribution ID: 2

Type: **not specified**

## **XFEL special diagnostics installation overview**

*Monday 12 May 2014 09:30 (15 minutes)*

**Presenter:** Dr GERTH, Christopher (DESY)

**Session Classification:** Installations for the XFEL

Contribution ID: 3

Type: **not specified**

## Testing components

*Monday 12 May 2014 09:45 (20 minutes)*

**Presenter:** Mr FENNER, Michael (DESY)

**Session Classification:** Installations for the XFEL

Contribution ID: 4

Type: **not specified**

## Rack installation

*Monday 12 May 2014 10:05 (15 minutes)*

**Presenter:** Mr WIERBA, Wojciech (Institute of Nuclear Physics PAN, Cracow, Poland)

**Session Classification:** Installations for the XFEL

Contribution ID: 5

Type: **not specified**

## LLRF system commissioning

*Monday 12 May 2014 10:20 (20 minutes)*

**Presenter:** Mr SCHMIDT, Christian (DESY)

**Session Classification:** Installations for the XFEL

Contribution ID: 6

Type: **not specified**

## **MO status and installation schedule**

*Monday 12 May 2014 11:00 (20 minutes)*

**Presenter:** Mr ZEMBALA, Lukasz (ISE, Warsaw University of Technology)

**Session Classification:** Master oscillator and reference distribution



Contribution ID: 7

Type: **not specified**

## Reference distribution scheme and REFMs details

*Monday 12 May 2014 11:20 (20 minutes)*

**Presenter:** Mr SIKORA, Dominik (ISE, Warsaw University of Technology)

**Session Classification:** Master oscillator and reference distribution

Contribution ID: 8

Type: **not specified**

## Laser-based synchronization

*Monday 12 May 2014 11:40 (20 minutes)*

**Presenter:** Mr SYDLO, Cezary (DESY)

**Session Classification:** Master oscillator and reference distribution

Contribution ID: 9

Type: **not specified**

## **Guided discussion : interface to beam diagnostics, timing, laser and MPS**

*Monday 12 May 2014 12:00 (30 minutes)*

**Presenter:** Dr CZUBA, Krzysztof (ISE, Warsaw University of Technology)

**Session Classification:** Master oscillator and reference distribution

Contribution ID: **10**

Type: **not specified**

## Hardware status overview

*Monday 12 May 2014 14:00 (30 minutes)*

**Presenters:** Dr LUDWIG, Frank (DESY); Mr FENNER, Michael (DESY)

**Session Classification:** Hardware : toward production for the XFEL

Contribution ID: **11**

Type: **not specified**

## **TMCB v2 status**

*Monday 12 May 2014 14:30 (20 minutes)*

**Presenter:** Dr CZWALINNA, Marie Kristin (DESY)

**Session Classification:** Hardware : toward production for the XFEL

Contribution ID: **12**

Type: **not specified**

## **LOGM status and path to mass-production**

*Monday 12 May 2014 14:50 (20 minutes)*

**Presenter:** Mr ZUKOCINSKI, Mateusz (Warsaw University of Technology)

**Session Classification:** Hardware : toward production for the XFEL

Contribution ID: **13**

Type: **not specified**

## DCM results and status

*Monday 12 May 2014 15:10 (15 minutes)*

**Presenter:** Mr PIEKARSKI, Jan (Warsaw University of Technology - Institute of Electronic Systems)

**Session Classification:** Hardware : toward production for the XFEL

Contribution ID: 14

Type: **not specified**

## **Guided discussion : industrialization of modules**

*Monday 12 May 2014 15:25 (20 minutes)*

**Presenter:** Dr LUDWIG, Frank (DESY)

**Session Classification:** Hardware : toward production for the XFEL



Contribution ID: 15

Type: **not specified**

## **DS800 status, results and production plans**

*Monday 12 May 2014 16:05 (15 minutes)*

**Presenter:** Mr BOU HABIB, Samer (ISE, Warsaw University of Technology)

**Session Classification:** LLRF diagnostics

Contribution ID: **16**

Type: **not specified**

## **KLM RTM : status and production**

*Monday 12 May 2014 16:20 (15 minutes)*

**Presenter:** Mr BOU HABIB, Samer (ISE, Warsaw University of Technology)

**Session Classification:** LLRF diagnostics

Contribution ID: 17

Type: **not specified**

## **HOM RTM : status and production**

*Monday 12 May 2014 16:35 (15 minutes)*

**Presenter:** Mr BOU HABIB, Samer (ISE, Warsaw University of Technology)

**Session Classification:** LLRF diagnostics

Contribution ID: **18**

Type: **not specified**

## **Toward uLOG operation (uLOG, uRFB and MCH-RTM)**

*Monday 12 May 2014 16:50 (20 minutes)*

**Presenter:** MAVRIC, Uros (DESY)

**Session Classification:** LLRF diagnostics

Contribution ID: **19**

Type: **not specified**

## **PZ16M status and plans for mass production**

*Monday 12 May 2014 17:10 (15 minutes)*

**Presenter:** BRANLARD, Julien (DESY)

**Session Classification:** LLRF diagnostics

Contribution ID: **20**

Type: **not specified**

## Discussion

*Monday 12 May 2014 17:25 (30 minutes)*

**Presenter:** Dr SCHLARB, Holger (DESY)

**Session Classification:** LLRF diagnostics

Contribution ID: **21**

Type: **not specified**

## **BAM overview**

*Monday 12 May 2014 16:05 (15 minutes)*

**Presenter:** Dr CZWALINNA, Marie Kristin (DESY)

**Session Classification:** BAM and link

Contribution ID: 22

Type: **not specified**

## **FMC25 \_ DSBAM board test results**

*Monday 12 May 2014 16:20 (15 minutes)*

**Presenter:** Mr SZEWINSKI, Jaroslaw (Soltan Institute for Nuclear Studies)

**Session Classification:** BAM and link



Contribution ID: 23

Type: **not specified**

## **BAM MTCA firmware /server needs**

*Monday 12 May 2014 16:35 (15 minutes)*

**Presenter:** Dr CZWALINNA, Marie Kristin (DESY)

**Session Classification:** BAM and link

Contribution ID: 24

Type: **not specified**

## **Guided discussion: server and firmware integration**

*Monday 12 May 2014 16:50 (20 minutes)*

**Presenter:** Dr CZWALINNA, Marie Kristin (DESY)

**Session Classification:** BAM and link

Contribution ID: 25

Type: **not specified**

## Link lock and MTCA needs

*Monday 12 May 2014 17:15 (15 minutes)*

**Presenter:** Mr FELBER, Matthias (DESY)

**Session Classification:** BAM and link

Contribution ID: 26

Type: **not specified**

## **Guided discussion : server and firmware integration**

*Monday 12 May 2014 17:30 (25 minutes)*

**Presenter:** Mr SYDLO, Cezary (DESY)

**Session Classification:** BAM and link

Contribution ID: 27

Type: **not specified**

## Status and future work for the LLRF server

*Tuesday 13 May 2014 09:00 (15 minutes)*

**Presenter:** Dr PIOTROWSKI, Adam (FastLogic)

**Session Classification:** Front-end server and high-level software

Contribution ID: 28

Type: **not specified**

## **Guided discussion : server naming, installation, maintenance**

*Tuesday 13 May 2014 09:15 (30 minutes)*

**Presenters:** Mr SCHMIDT, Christian (DESY); Dr HOFFMANN, Matthias (DESY)

**Session Classification:** Front-end server and high-level software

Contribution ID: 29

Type: **not specified**

## Survey of application software for XFEL

*Tuesday 13 May 2014 09:45 (20 minutes)*

**Presenters:** Mr SCHMIDT, Christian (DESY); CICHALEWSKI, Wojciech (TUL-DMCS)

**Session Classification:** Front-end server and high-level software

Contribution ID: **30**

Type: **not specified**

## **Guided discussion : needs for XFEL commissioning, DAQ and updates**

*Tuesday 13 May 2014 10:05 (35 minutes)*

**Presenter:** BRANLARD, Julien (DESY)

**Session Classification:** Front-end server and high-level software



Contribution ID: **31**

Type: **not specified**

## **Laser synchronization overview**

*Tuesday 13 May 2014 09:00 (20 minutes)*

**Presenters:** Mr FELBER, Matthias (DESY); Dr PEIER, Peter (DESY)

**Session Classification:** Laser synch and L2L

Contribution ID: 32

Type: **not specified**

## **LASY board development status**

*Tuesday 13 May 2014 09:20 (20 minutes)*

**Presenter:** Ms JANAS, Ewa (ISE, Warsaw University of Technology)

**Session Classification:** Laser synch and L2L

Contribution ID: 33

Type: **not specified**

## **Guided discussion : LASY development**

*Tuesday 13 May 2014 09:40 (20 minutes)*

**Session Classification:** Laser synch and L2L

Contribution ID: **34**

Type: **not specified**

## **Laser synch server / firmware needs**

*Tuesday 13 May 2014 10:00 (10 minutes)*

**Presenter:** Mr FELBER, Matthias (DESY)

**Session Classification:** Laser synch and L2L

Contribution ID: 35

Type: **not specified**

## **Laser synch server / firmware status**

*Tuesday 13 May 2014 10:10 (10 minutes)*

**Presenter:** Mr KOZAK, Tomasz (DMCS)

**Session Classification:** Laser synch and L2L

Contribution ID: 36

Type: **not specified**

## **Guided discussion : server and firmware integration**

*Tuesday 13 May 2014 10:20 (20 minutes)*

**Presenter:** Mr FELBER, Matthias (DESY)

**Session Classification:** Laser synch and L2L

Contribution ID: 37

Type: **not specified**

## Current status, problems and previous attempts

*Tuesday 13 May 2014 11:15 (15 minutes)*

**Presenter:** Mr SZCZEPANSKI, Bartlomiej (DESY)

**Session Classification:** MSK lab organization

Contribution ID: **38**

Type: **not specified**

## **Lab space for special diagnostics**

*Tuesday 13 May 2014 11:00 (15 minutes)*

**Presenter:** Mr ZUMMACK, Falco (DESY)

**Session Classification:** MSK lab organization



Contribution ID: 39

Type: **not specified**

## **Guided discussion : organizing our lab space and work**

*Tuesday 13 May 2014 11:30 (30 minutes)*

**Presenter:** Dr HOFFMANN, Matthias (DESY)

**Session Classification:** MSK lab organization

Contribution ID: 40

Type: **not specified**

## Review of last year's developments

*Tuesday 13 May 2014 13:30 (20 minutes)*

**Presenter:** Mr BUTKOWSKI, Łukasz (ISE)

**Session Classification:** Firmware

Contribution ID: 41

Type: **not specified**

## **Review of documentation status and needs**

*Tuesday 13 May 2014 13:50 (20 minutes)*

**Presenter:** YANG, Bin (DESY)

**Session Classification:** Firmware

Contribution ID: 42

Type: **not specified**

## **Firmware needs for special diagnostics**

*Tuesday 13 May 2014 14:10 (20 minutes)*

**Presenter:** Dr GERTH, Christopher (DESY)

**Session Classification:** Firmware

Contribution ID: 43

Type: **not specified**

## **Guided discussion : new tasks, priorities, compatibility between server and firmware**

*Tuesday 13 May 2014 14:30 (30 minutes)*

**Presenter:** Mr BUTKOWSKI, Łukasz (ISE)

**Session Classification:** Firmware

Contribution ID: 44

Type: **not specified**

## Summary of HVF achievements

*Tuesday 13 May 2014 15:20 (20 minutes)*

**Presenter:** WALTER, Thomas (DESY)

**Session Classification:** Beyond the XFEL

Contribution ID: 45

Type: **not specified**

## Remaining tasks for HVF

*Tuesday 13 May 2014 15:40 (20 minutes)*

**Presenter:** Dr LUDWIG, Frank (DESY)

**Session Classification:** Beyond the XFEL

Contribution ID: 46

Type: **not specified**

## Overview of future projects

*Tuesday 13 May 2014 16:00 (20 minutes)*

**Presenter:** Dr SCHLARB, Holger (DESY)

**Session Classification:** Beyond the XFEL



Contribution ID: 47

Type: **not specified**

## Closing remarks

*Tuesday 13 May 2014 16:20 (10 minutes)*

**Presenter:** BRANLARD, Julien (DESY)

**Session Classification:** Beyond the XFEL