

# **3rd Collaboration Meeting of the European XFEL**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome and Opening Remarks

**Presenter:** Mr ALTARELLI, Massimo (DESY)

Contribution ID: 1

Type: **not specified**

## Welcome and Opening Remarks

*Monday 7 April 2014 14:00 (30 minutes)*

**Presenter:** Mr ALTARELLI, Massimo (DESY)

**Session Classification:** Opening Plenary Session

Contribution ID: 2

Type: **not specified**

## Status of the Accelerator

*Monday 7 April 2014 14:30 (30 minutes)*

**Primary author:** WEISE, Hans (DESY)

**Presenter:** WEISE, Hans (DESY)

**Session Classification:** Opening Plenary Session

Contribution ID: 3

Type: **not specified**

## Photon Beam System Status

*Monday 7 April 2014 15:00 (30 minutes)*

**Presenter:** Dr TSCHENTSCHER, Thomas (European XFEL)

**Session Classification:** Opening Plenary Session

Contribution ID: 4

Type: **not specified**

## The SCS experiment

*Monday 7 April 2014 16:00 (30 minutes)*

**Presenter:** SCHERZ, Andreas (European XFEL)

**Session Classification:** Plenary Session

Contribution ID: 5

Type: **not specified**

## **Bio-Imaging from the Data Perspective**

*Monday 7 April 2014 16:30 (30 minutes)*

**Presenter:** Dr BARTY, Anton (CFEL/DESY)

**Session Classification:** Plenary Session

Contribution ID: 6

Type: **not specified**

## The FERMI project at Elettra

*Monday 7 April 2014 17:00 (30 minutes)*

**Presenter:** Dr ALLARIA, Enrico (Elettra)

**Session Classification:** Plenary Session

Contribution ID: 7

Type: **not specified**

## Cavity Production

*Wednesday 9 April 2014 16:00 (30 minutes)*

**Presenter:** Dr RESCHKE, Detlef (DESY)

**Session Classification:** Plenary: European XFEL Developments

Contribution ID: 8

Type: **not specified**

## **First tests of the European XFEL Gun**

*Wednesday 9 April 2014 16:30 (30 minutes)*

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

**Session Classification:** Plenary: European XFEL Developments

Contribution ID: 9

Type: **not specified**

## **Production of the Distribution Mirrors for the European XFEL**

*Wednesday 9 April 2014 17:00 (30 minutes)*

**Presenter:** Dr SINN, Harald (DESY)

**Session Classification:** Plenary: European XFEL Developments

Contribution ID: **10**

Type: **not specified**

## Closing Remarks

*Wednesday 9 April 2014 17:30 (30 minutes)*

**Session Classification:** Plenary: European XFEL Developments

Contribution ID: **11**

Type: **not specified**

## **Beam commissioning overview**

*Tuesday 8 April 2014 09:00 (30 minutes)*

**Presenter:** DECKING, Winfried (DESY)

**Session Classification:** Commissioning and Early Operation

Contribution ID: 12

Type: **not specified**

## LLRF commissioning overview

*Tuesday 8 April 2014 09:30 (20 minutes)*

**Primary author:** BRANLARD, Julien (DESY)

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

**Session Classification:** Commissioning and Early Operation

Contribution ID: 13

Type: **not specified**

## Commissioning of XFEL Cryogenic Equipment

*Tuesday 8 April 2014 09:50 (20 minutes)*

**Presenter:** Dr SCHNAUTZ, Tobias (DESY)

**Session Classification:** Commissioning and Early Operation

Contribution ID: 14

Type: **not specified**

## Commissioning of beam diagnostics

*Tuesday 8 April 2014 10:10 (20 minutes)*

**Presenter:** Dr NÖLLE, Dirk (DESY, MDI)

**Session Classification:** Commissioning and Early Operation

Contribution ID: 15

Type: **not specified**

## Photon Systems Commissioning Overview

*Tuesday 8 April 2014 11:00 (30 minutes)*

**Presenter:** Dr SINN, Harald (DESY)

**Session Classification:** Commissioning and Early Operation

Contribution ID: **16**

Type: **not specified**

## Commissioning of the K-Mono

*Tuesday 8 April 2014 11:30 (20 minutes)*

**Presenter:** FREUND, Wolfgang (European XFEL)

**Session Classification:** Commissioning and Early Operation

Contribution ID: 17

Type: **not specified**

## Undulator commissioning

*Tuesday 8 April 2014 11:50 (20 minutes)*

**Presenter:** LI, Yuhui (European XFEL)

**Session Classification:** Commissioning and Early Operation

Contribution ID: **18**

Type: **not specified**

## First Experiment

*Tuesday 8 April 2014 12:10 (20 minutes)*

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

**Session Classification:** Commissioning and Early Operation

Contribution ID: 20

Type: **not specified**

## Status and Prospects XTD1-10 and Shafts

*Tuesday 8 April 2014 16:00 (1h 15m)*

**Presenter:** Mr HAUSCHILDT, Jan (DESY)

**Session Classification:** Photon Beam Systems: Experimental Hall and Tunnels

Contribution ID: 21

Type: **not specified**

## **Major activities in the experimental hall - 2013 - 2015**

*Tuesday 8 April 2014 17:30 (15 minutes)*

**Presenters:** Dr WELLENREUTHER, Gerd (XFEL); Dr HAAS, Tobias (XFEL)

**Session Classification:** Photon Beam Systems: Experimental Hall and Tunnels

Contribution ID: 22

Type: **not specified**

## **XHEXP1 safety concepts**

*Tuesday 8 April 2014 17:45 (15 minutes)*

**Presenters:** BOYD, Eric (XFEL SR); Dr KOZIELSKI, Sigrid (XFEL)

**Session Classification:** Photon Beam Systems: Experimental Hall and Tunnels

Contribution ID: 23

Type: **not specified**

## **Progress of planning and execution in XHEXP1**

*Tuesday 8 April 2014 18:00 (15 minutes)*

**Presenter:** Mr DOST, Per (IG WTM/Amberg)

**Session Classification:** Photon Beam Systems: Experimental Hall and Tunnels

Contribution ID: 24

Type: **not specified**

## **XFEL XHEXP1 Hutches - Building Services –Media Supply**

*Tuesday 8 April 2014 18:15 (15 minutes)*

**Presenter:** Mr STEIGER, Ronald (DERU Reinraum)

**Session Classification:** Photon Beam Systems: Experimental Hall and Tunnels

Contribution ID: 25

Type: **not specified**

## Grounding in XHEXP1

*Tuesday 8 April 2014 18:30 (15 minutes)*

**Presenter:** KAPITZA, Herbert (DESY)

**Session Classification:** Photon Beam Systems: Experimental Hall and Tunnels

Contribution ID: 26

Type: **not specified**

## Karabo control software and status

*Tuesday 8 April 2014 14:45 (15 minutes)*

Placeholder

**Primary author:** Dr HEISEN, Burkhard (European XFEL GmbH)

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

**Session Classification:** Controls

Contribution ID: 27

Type: **not specified**

## **FPGA and electronics developments for experiment detector and DAQ systems**

*Tuesday 8 April 2014 15:00 (15 minutes)*

Placeholder

**Primary author:** GESSLER, Patrick (European XFEL GmbH)

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

**Session Classification:** Controls

Contribution ID: **28**

Type: **not specified**

## **Data recording, management and access**

*Tuesday 8 April 2014 15:15 (15 minutes)*

**Primary author:** WRONA, Krzysztof (European XFEL GmbH)

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

**Session Classification:** Controls

Contribution ID: 29

Type: **not specified**

## **Status of the accelerator control system for injector tests**

*Tuesday 8 April 2014 14:00 (11 minutes)*

**Primary author:** WILKSEN, Tim (DESY)

**Presenter:** WILKSEN, Tim (DESY)

**Session Classification:** Controls

Contribution ID: **30**

Type: **not specified**

## **How to use timing system parameters in applications**

*Tuesday 8 April 2014 14:12 (11 minutes)*

**Presenter:** HENSLER, Olaf (DESY)

**Session Classification:** Controls

Contribution ID: **31**

Type: **not specified**

## **Parameters and functions of the timing system for subsystems**

*Tuesday 8 April 2014 14:23 (11 minutes)*

**Presenter:** STECHMANN, Christoph (DESY)

**Session Classification:** Controls

Contribution ID: 32

Type: **not specified**

## Status of high level controls

*Tuesday 8 April 2014 14:34 (11 minutes)*

**Presenter:** Mr KAMMERING, Raimund (DESY)

**Session Classification:** Controls

Contribution ID: 33

Type: **not specified**

## Working Group Summaries

*Wednesday 9 April 2014 14:00 (1h 30m)*

**Session Classification:** Plenary: Working Group Summaries

Contribution ID: **34**

Type: **not specified**

## **Accelerator Consortium Activities**

**Presenters:** WEISE, Hans (DESY); DECKING, Winfried (DESY)

Contribution ID: 35

Type: **not specified**

## Tour de Table

Contribution ID: **36**

Type: **not specified**

## **AOB, Next Meeting**

Contribution ID: 37

Type: **not specified**

## Accelerator Consortium Board

*Wednesday 9 April 2014 09:00 (3h 30m)*

**Presenter:** BOARD MEMBERS

**Session Classification:** Accelerator Consortium Board

Contribution ID: **38**

Type: **not specified**

## XTL Installation Overview

*Tuesday 8 April 2014 16:00 (30 minutes)*

**Presenter:** Dr HOFFMANN, Markus (MSK)

**Session Classification:** Infrastructure and LINAC Tunnel Installation

Contribution ID: 39

Type: **not specified**

## TC Issues and 3D CAD

*Tuesday 8 April 2014 16:30 (20 minutes)*

**Presenter:** HÜNING, Markus (DESY)

**Session Classification:** Infrastructure and LINAC Tunnel Installation

Contribution ID: 40

Type: **not specified**

## Installation of Cryogenics

*Tuesday 8 April 2014 16:50 (15 minutes)*

**Presenter:** Dr PETERSEN, Bernd (DESY)

**Session Classification:** Infrastructure and LINAC Tunnel Installation

Contribution ID: 41

Type: **not specified**

## Girder Installation

*Tuesday 8 April 2014 17:05 (15 minutes)*

**Presenter:** MILDNER, Nils (DESY)

**Session Classification:** Infrastructure and LINAC Tunnel Installation

Contribution ID: 42

Type: **not specified**

## **Tunnel Installlation - Magnet Suspensions**

*Tuesday 8 April 2014 17:20 (15 minutes)*

**Presenter:** Mr MEYNERS, Norbert (DESY MEA1 / XFEL WP33)

**Session Classification:** Infrastructure and LINAC Tunnel Installation

Contribution ID: 43

Type: **not specified**

## Beam Diagnostics

*Tuesday 8 April 2014 17:35 (15 minutes)*

**Presenter:** Dr NÖLLE, Dirk (DESY, MDI)

**Session Classification:** Infrastructure and LINAC Tunnel Installation

Contribution ID: 44

Type: **not specified**

## **WP04: S.C. Cavities**

*Tuesday 8 April 2014 14:00 (4 minutes)*

**Presenter:** Dr SINGER, Waldemar (DESY)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 45

Type: **not specified**

## WP10: Subtask: Cavity Testing

*Tuesday 8 April 2014 14:06 (4 minutes)*

**Presenter:** Mr SWIERBLEWSKI, Jacek (MKS 1)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 46

Type: **not specified**

## WP05: Power Coupler

*Tuesday 8 April 2014 14:12 (4 minutes)*

**Presenter:** Dr KAABI, Walid (LAL)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 47

Type: **not specified**

## **WP06: HOM Coupler / Pick-Up**

*Tuesday 8 April 2014 14:18 (4 minutes)*

**Presenter:** Dr SEKUTOWICZ, Jacek (DESY)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 48

Type: **not specified**

## WP07: Frequency Tuner

*Tuesday 8 April 2014 14:24 (4 minutes)*

**Presenter:** LILJE, Lutz (DESY -MVS-)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 49

Type: **not specified**

## WP08: Cold Vacuum

*Tuesday 8 April 2014 14:30 (4 minutes)*

**Presenter:** LILJE, Lutz (DESY -MVS-)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 50

Type: **not specified**

## WP11: Cold Magnets

*Tuesday 8 April 2014 14:36 (4 minutes)*

**Presenter:** Dr BRUECK, Heiner (DESY, MKS)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 51

Type: **not specified**

## WP17: Cold BPMs

*Tuesday 8 April 2014 14:42 (4 minutes)*

**Presenter:** Dr NÖLLE, Dirk (DESY, MDI)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 52

Type: **not specified**

## WP09: Subtask: Quadruple Package

*Tuesday 8 April 2014 14:48 (4 minutes)*

**Presenter:** Mr MATHEISEN, axel (DESY)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 53

Type: **not specified**

## **WP03: Subtask: Module Vessels and Cold Masses**

*Tuesday 8 April 2014 14:54 (4 minutes)*

**Presenter:** Mrs BARBANOTTI, Serena (DESY)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 54

Type: **not specified**

## **WP03/09: String and Module Assembly**

*Tuesday 8 April 2014 15:00 (4 minutes)*

**Presenter:** Dr NAPOLY, Olivier (CEA-Saclay)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 55

Type: **not specified**

## WP10: Subtask: Module Testing

*Tuesday 8 April 2014 15:06 (4 minutes)*

**Presenter:** Mr SWIERBLEWSKI, Jacek (MKS 1)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 56

Type: **not specified**

## **WP02: Subtask: Low Level RF Tasks at AMTF**

*Tuesday 8 April 2014 15:12 (4 minutes)*

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

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 57

Type: **not specified**

## **WP01: Subtask: Waveguide Distribution Systems for Modules**

*Tuesday 8 April 2014 15:18 (4 minutes)*

**Presenters:** Dr CHOROBA, Stefan (DESY); Dr KATALEV, Valery (DESY)

**Session Classification:** Cold LINAC: Cavities and Modules

Contribution ID: 58

Type: **not specified**

## **WP40: Engineering Data Management w.r.t. Cavities & Modules**

*Tuesday 8 April 2014 15:24 (4 minutes)*

**Presenter:** Dr HAGGE, Lars (DESY)

**Session Classification:** Cold LINAC: Cavities and Modules