

Accelerator Middle Layer Workshop

Accelerator Middle Layer Workshop

JUNE 19-21 2024, DESY Hamburg (DE)



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Wednesday 19 June 2024 12:30 (15 minutes)

Presenter: AGAPOV, Ilya (MPY (Beschleunigerphysik))

Session Classification: Opening (I. Agapov)

Contribution ID: 2

Type: **not specified**

Overview of PETRA IV and DESY

Wednesday 19 June 2024 12:45 (15 minutes)

Presenter: BARTOLINI, Riccardo

Session Classification: Opening (I. Agapov)

Contribution ID: 3

Type: **not specified**

Middle Layer Overview

Wednesday 19 June 2024 13:00 (30 minutes)

Presenter: NADOLSKI, Laurent

Session Classification: Opening (I. Agapov)

Contribution ID: 4

Type: **not specified**

APS-U commissioning

Wednesday 19 June 2024 13:30 (30 minutes)

Presenter: SAJAEV, Vadim

Session Classification: Opening (I. Agapov)

Contribution ID: 5

Type: **not specified**

Control tools and architecture for the European XFEL

Wednesday 19 June 2024 14:30 (30 minutes)

Presenter: FROEHLICH, Lars (MCS (Control System))

Session Classification: Opening (I. Agapov)

Contribution ID: 6

Type: **not specified**

Overview and goals for the future financing

Friday 21 June 2024 09:00 (30 minutes)

Presenter: LIUZZO, Simone Maria (ESRF)

Session Classification: Consortium management

Contribution ID: 7

Type: **not specified**

LEAPS

Friday 21 June 2024 09:30 (30 minutes)

Presenters: CALVI, Marco; CALVI, Marco (PSi)

Session Classification: Consortium management

Contribution ID: 8

Type: **not specified**

Overview of EU project calls

Friday 21 June 2024 10:00 (20 minutes)

Presenter: THIES, Annika Henrike

Session Classification: Consortium management

Contribution ID: 9

Type: **not specified**

Collaborative development strategy

Wednesday 19 June 2024 15:30 (30 minutes)

Presenter: GAUGHRAN, Martin

Session Classification: Software (M Gaughran)

Contribution ID: **10**

Type: **not specified**

Experimental tests of pytac and bluesky @ HZB

Wednesday 19 June 2024 16:00 (30 minutes)

Presenter: OLSSON, Teresia

Session Classification: Software (M Gaughran)

Contribution ID: **11**

Type: **not specified**

Databroker / Tiled for accelerator physics experiments

Wednesday 19 June 2024 16:30 (30 minutes)

Presenter: ALLAN, Daniel

Session Classification: Software (M Gaughran)

Contribution ID: **12**

Type: **not specified**

Discussion

Wednesday 19 June 2024 17:00 (30 minutes)

Session Classification: Software (M Gaughran)

Contribution ID: 13

Type: **not specified**

Present and future operation tools and algorithms at BESSY II and MLS

Thursday 20 June 2024 09:00 (30 minutes)

Presenters: RIES, Markus; OLSSON, Teresia (Helmholtz-Zentrum Berlin)

Session Classification: Plenary 1 (Nadolski)

Contribution ID: 14

Type: **not specified**

Present and future operation tools and algorithms at ALS

Thursday 20 June 2024 09:30 (30 minutes)

Presenter: HELLERT, Thorsten

Session Classification: Plenary 1 (Nadolski)

Contribution ID: 15

Type: **not specified**

Python for Accelerator Controls at CERN

Thursday 20 June 2024 10:00 (30 minutes)

Presenter: SINKARENKO, Ivan

Session Classification: Plenary 1 (Nadolski)

Contribution ID: **16**

Type: **not specified**

MiddleLayer and Python at MAXIV

Thursday 20 June 2024 11:00 (30 minutes)

Presenter: APOLLONIO, Marco

Session Classification: Plenary 1 (Nadolski)

Contribution ID: 17

Type: **not specified**

Discussion

Thursday 20 June 2024 11:45 (15 minutes)

Session Classification: Plenary 1 (Nadolski)

Contribution ID: **18**

Type: **not specified**

pyAT developments at Solaris, ML anomaly detection and measurement scripts porting

Thursday 20 June 2024 13:30 (30 minutes)

Primary author: BIERNAT, Jacek

Presenter: BIERNAT, Jacek

Session Classification: Physics (White)

Contribution ID: **19**

Type: **not specified**

Python library for simulated commissioning

Thursday 20 June 2024 14:00 (30 minutes)

Presenter: MALINA, Lukas

Session Classification: Physics (White)

Contribution ID: 20

Type: **not specified**

ML Python package "xopt" for online tuning

Thursday 20 June 2024 14:30 (30 minutes)

Presenter: ROUSSEL, Ryan

Session Classification: Physics (White)

Contribution ID: **21**

Type: **not specified**

Python control tools at the Brazilian Light Source

Thursday 20 June 2024 15:00 (30 minutes)

Presenter: DA SA, Fernando

Session Classification: Physics (White)

Contribution ID: 22

Type: **not specified**

Python tool experience at NSLS-II and new feature suggestions

Thursday 20 June 2024 16:00 (30 minutes)

Presenter: HIDAKA, Yoshiteru

Session Classification: Software (Hidaka)

Contribution ID: 23

Type: **not specified**

pyAT with GPU

Thursday 20 June 2024 16:30 (30 minutes)

Presenter: PONS, Jean-Luc (ESRF)

Session Classification: Software (Hidaka)

Contribution ID: 24

Type: **not specified**

Overview of tuning tools and algorithms

Thursday 20 June 2024 17:00 (30 minutes)

Presenter: HUANG, Xiaobiao

Session Classification: Software (Hidaka)

Contribution ID: 25

Type: **not specified**

Discussion

Thursday 20 June 2024 17:30 (30 minutes)

Session Classification: Software (Hidaka)

Contribution ID: 26

Type: **not specified**

Web interfaces for accelerator control

Wednesday 19 June 2024 14:00 (30 minutes)

Presenter: EDELEN, Jon

Session Classification: Opening (I. Agapov)

Contribution ID: 27

Type: **not specified**

Chimera TK Applicartion core in a nutshell

Thursday 20 June 2024 11:30 (15 minutes)

Primary author: KILLENBERG, Martin (MSK (Strahlkontrollen))

Co-authors: Dr BARKER, Anthony (MSK (Strahlkontrollen)); Dr HIERHOLZER, Martin Christoph (MSK (Strahlkontrollen))

Presenters: Dr BARKER, Anthony (MSK (Strahlkontrollen)); Dr HIERHOLZER, Martin Christoph (MSK (Strahlkontrollen)); KILLENBERG, Martin (MSK (Strahlkontrollen))

Session Classification: Plenary 1 (Nadolski)