

LUXE workshop

Report of Contributions

Contribution ID: 0

Type: **not specified**

Conceptual design of the LUXE beam line

Tuesday 16 April 2019 10:50 (30 minutes)

Presenters: NEGODIN, Evgeny (MPY); Dr BURKART, Florian (DESY)

Session Classification: Machine Aspects

Contribution ID: 1

Type: **not specified**

XFEL Beam Distribution Kicker System

Tuesday 16 April 2019 11:25 (20 minutes)

Presenter: HÜNING, Markus (DESY)

Session Classification: Machine Aspects

Contribution ID: 2

Type: **not specified**

Interest in a test beam at the LUXE beam line

Contribution ID: 3

Type: **not specified**

Welcome and logistics

Tuesday 16 April 2019 09:00 (10 minutes)

Presenter: HEINEMANN, Beate (DESY and Freiburg University)

Session Classification: Overview

Contribution ID: 4

Type: **not specified**

LUXE overview

Tuesday 16 April 2019 09:35 (20 minutes)

Presenter: HEINEMANN, Beate (DESY and Freiburg University)

Session Classification: Overview

Contribution ID: 5

Type: **not specified**

Other experiments in SFQED

Tuesday 16 April 2019 10:00 (20 minutes)

Presenter: Dr SARRI, Gianluca (Queen's University Belfast)

Session Classification: Overview

Contribution ID: 6

Type: **not specified**

Inputs & requirements for the e+e- detector system

Wednesday 17 April 2019 09:25 (15 minutes)

Presenter: Mr HOFFMANN, Marius (DESY)

Session Classification: Detector Aspects

Contribution ID: 7

Type: **not specified**

Potential e+e- tracking detector technologies

Wednesday 17 April 2019 09:50 (15 minutes)

Presenter: Dr TAL HOD, Noam (Weizmann Institute of Science)

Session Classification: Detector Aspects

Contribution ID: 8

Type: **not specified**

Inputs & requirements for the forward photon detector system

Wednesday 17 April 2019 10:15 (15 minutes)

Presenter: Dr BORYSOVA, Maryna (KINR)

Session Classification: Detector Aspects

Contribution ID: 9

Type: **not specified**

Potential photon detector technologies I

Presenter: Dr BENHAMMOU, Yan (Tel Aviv University)

Contribution ID: **10**

Type: **not specified**

Potential photon detector technologies

Wednesday 17 April 2019 11:00 (15 minutes)

Presenter: Dr BENHAMMOU, Yan (Tel Aviv University)

Session Classification: Detector Aspects

Contribution ID: **11**

Type: **not specified**

Requirements for DAQ system

Wednesday 17 April 2019 11:25 (15 minutes)

Presenter: WING, Matthew (UCL)

Session Classification: Detector Aspects

Contribution ID: **12**

Type: **not specified**

Other detector topics

Wednesday 17 April 2019 11:50 (10 minutes)

Session Classification: Detector Aspects

Contribution ID: **13**

Type: **not specified**

European XFEL

Tuesday 16 April 2019 09:10 (20 minutes)

Presenter: MOLODTSOV, Serguei (Eu.XFEL)

Session Classification: Overview

Contribution ID: 14

Type: **not specified**

Introduction: challenges, simulation & overall plans

Wednesday 17 April 2019 09:00 (15 minutes)

Presenter: BORYSOV, Oleksandr (DESY)

Session Classification: Detector Aspects

Contribution ID: 15

Type: **not specified**

Boiling the Vacuum in Photon Laser Collisions

Tuesday 16 April 2019 13:30 (30 minutes)

Primary author: RINGWALD, Andreas (DESY)

Presenter: RINGWALD, Andreas (DESY)

Session Classification: Theory Aspects

Contribution ID: **16**

Type: **not specified**

Nonperturbative QED at the LUXE experiment

Tuesday 16 April 2019 14:00 (30 minutes)

I will discuss the relevant strong field QED processes relevant to the LUXE experiment.

Primary author: Dr HARTIN, Anthony (DESY)

Presenter: Dr HARTIN, Anthony (DESY)

Session Classification: Theory Aspects

Contribution ID: 17

Type: **not specified**

Laser diagnostics ideas

Tuesday 16 April 2019 16:00 (20 minutes)

Presenter: ZEPF, Matt (HIJ)

Session Classification: Laser Aspects

Contribution ID: **18**

Type: **not specified**

Laser talk 2 (title tbd)

Tuesday 16 April 2019 16:30 (20 minutes)

Presenter: MAIER, Andreas (Universität Hamburg)

Session Classification: Laser Aspects

Contribution ID: **19**

Type: **not specified**

Numerical Support for LUXE Collaboration

Tuesday 16 April 2019 14:30 (30 minutes)

Presenter: Dr ELKINA, Nina (HI-Jena)

Session Classification: Theory Aspects

Contribution ID: 20

Type: **not specified**

Probing the ALP-electron coupling using intense lasers and beam dumps

Tuesday 16 April 2019 15:00 (30 minutes)

Presenter: Dr KING, Ben (University of Plymouth)

Session Classification: Theory Aspects

Contribution ID: 21

Type: **not specified**

Summary and next steps

Wednesday 17 April 2019 12:00 (20 minutes)

Presenter: HEINEMANN, Beate (DESY and Freiburg University)

Session Classification: Summary