

LAOLA Annual Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening Remarks

Monday 6 October 2014 12:45 (5 minutes)

Presenters: Dr SCHMIDT, Bernhard (DESY); Dr OSTERHOFF, Jens (Deutsches Elektronen-Synchrotron DESY)

Session Classification: Plenary Session I

Contribution ID: 1

Type: **not specified**

The LUX Beamline for Laser-Plasma Driven Undulator Radiation

Monday 6 October 2014 12:50 (20 minutes)

Presenter: Dr MAIER, Andreas R. (University Hamburg)

Session Classification: Plenary Session I

Contribution ID: 2

Type: **not specified**

REGAE/LUX Elevator Speeches

Monday 6 October 2014 13:10 (8 minutes)

Presenters: WALKER, Andreas; Mr WERLE, Christian (CFEL/UHH); KIRCHEN, Manuel; DELBOS, Niels; LEROUX, Vincent

Session Classification: Plenary Session I

Contribution ID: 3

Type: **not specified**

Status of the Self-Modulation Experiment at PITZ

Monday 6 October 2014 13:21 (20 minutes)

Presenter: Dr GROSS, Matthias (DESY)

Session Classification: Plenary Session I

Contribution ID: 4

Type: **not specified**

PITZ Elevator Speeches

Monday 6 October 2014 13:41 (5 minutes)

Presenters: PATHAK, Gaurav; KOSS, Gerald; KHOJOYAN, Martin (DESY)

Session Classification: Plenary Session I

Contribution ID: 5

Type: **not specified**

SINBAD - A Dedicated Multi-Purpose Accelerator R&D Facility

Monday 6 October 2014 13:46 (20 minutes)

Presenter: Dr DORDA, Ulrich

Session Classification: Plenary Session I

Contribution ID: 6

Type: **not specified**

SINBAD Elevator Speeches

Contribution ID: 7

Type: **not specified**

Stability by Understanding More Data – LWFA at HZDR

Monday 6 October 2014 14:31 (20 minutes)

Presenter: Dr DEBUS, Alexander (a.debus@hzdr.de)

Session Classification: Plenary Session I

Contribution ID: 8

Type: **not specified**

HZDR Elevator Speech

Monday 6 October 2014 14:51 (2 minutes)

Presenter: STEINIGER, Klaus

Session Classification: Plenary Session I

Contribution ID: 9

Type: **not specified**

Hybrid Plasma Wakefield Acceleration

Monday 6 October 2014 14:06 (20 minutes)

Presenter: KNETSCH, Alexander

Session Classification: Plenary Session I

Contribution ID: **10**

Type: **not specified**

HYBRIDS Elevator Speeches

Monday 6 October 2014 14:26 (5 minutes)

Presenters: KNETSCH, Alexander; WITTIG, Georg; Mr HEINEMANN, Thomas (Universität Hamburg)

Session Classification: Plenary Session I

Contribution ID: **11**

Type: **not specified**

FLASHForward - Plasma-Wakefield Acceleration Research at FLASH

Monday 6 October 2014 15:30 (20 minutes)

Presenter: Mr LIBOV, Vladyslav (DESY)

Session Classification: Plenary Session II

Contribution ID: 12

Type: **not specified**

FLASHForward Elevator Speeches

Monday 6 October 2014 15:50 (10 minutes)

Presenters: Dr MARTINEZ DE LA OSSA, Alberto (DESY); Mr ZEMELLA, Johann (DESY Hamburg); GOLDBERG, Lars; KONONENKO, Olena; Mr WUNDERLICH, Steffen (Deutsches Elektronen-Synchrotron DESY); Mr MEHRLING, Timon (DESY); WACKER, Violetta (DESY)

Session Classification: Plenary Session II

Contribution ID: 13

Type: **not specified**

Continuous Flow Targets & Technical Realization

Monday 6 October 2014 16:00 (2 hours)

Presenter: DELBOS, Niels

Session Classification: Poster Session

Contribution ID: 14

Type: **not specified**

Boosted Frame Simulations with the PIC Code WARP

Monday 6 October 2014 16:00 (2 hours)

Presenter: KIRCHEN, Manuel

Session Classification: Poster Session

Contribution ID: 15

Type: **not specified**

Final Laser Focussing System at LUX

Monday 6 October 2014 16:00 (2 hours)

Presenter: Mr WERLE, Christian (CFEL/UHH)

Session Classification: Poster Session

Contribution ID: **16**

Type: **not specified**

ANGUS 200 TW Laser System

Monday 6 October 2014 16:00 (2 hours)

Presenter: LEROUX, Vincent

Session Classification: Poster Session

Contribution ID: 17

Type: **not specified**

LUX Laser Transport Beamline

Monday 6 October 2014 16:00 (2 hours)

Presenter: WALKER, Andreas

Session Classification: Poster Session

Contribution ID: **18**

Type: **not specified**

REGAE/LUX 6

Contribution ID: **19**

Type: **not specified**

Optimization and Transport of Electron Beam for Self-Modulation Experiments at PITZ

Monday 6 October 2014 16:00 (2 hours)

Presenter: KHOJOYAN, Martin (DESY)

Session Classification: Poster Session

Contribution ID: 20

Type: **not specified**

Die Plasmazelle bei PITZ

Monday 6 October 2014 16:00 (2 hours)

Presenter: KOSS, Gerald

Session Classification: Poster Session

Contribution ID: 21

Type: **not specified**

HiPACE Simulations of the Self-Modulation Experiments at PITZ

Monday 6 October 2014 16:00 (2 hours)

Presenter: PATHAK, Gaurav

Session Classification: Poster Session

Contribution ID: **22**

Type: **not specified**

PITZ 4

Contribution ID: **23**

Type: **not specified**

SINBAD 1

Contribution ID: **24**

Type: **not specified**

SINBAD 2

Contribution ID: 25

Type: **not specified**

SINBAD 3

Contribution ID: 26

Type: **not specified**

SINBAD 4

Contribution ID: 27

Type: **not specified**

Traveling-Wave Thomson-Scattering for Brilliant and Efficient Optical Free-Electron Lasers

Monday 6 October 2014 16:00 (2 hours)

Presenter: STEINIGER, Klaus

Session Classification: Poster Session

Contribution ID: 28

Type: **not specified**

Electron Output Stabilization and Improvement in the Trojan Horse Plasma Acceleration Scheme

Monday 6 October 2014 16:00 (2 hours)

Presenter: Mr HEINEMANN, Thomas (Universität Hamburg)

Session Classification: Poster Session

Contribution ID: 29

Type: **not specified**

Tunable Electron Multibunch Production in Plasma Wakefield Accelerators

Monday 6 October 2014 16:00 (2 hours)

Presenter: WITTIG, Georg

Session Classification: Poster Session

Contribution ID: 30

Type: **not specified**

Downramp-Assisted Underdense Photocathode Electron Bunch Generation in Plasma Wakefield Accelerators

Monday 6 October 2014 16:00 (2 hours)

Presenter: KNETSCH, Alexander

Session Classification: Poster Session

Contribution ID: 31

Type: **not specified**

Density Down Ramp Injection at FACET E-215

Monday 6 October 2014 16:00 (2 hours)

Presenter: KONONENKO, Olena

Session Classification: Poster Session

Contribution ID: 32

Type: **not specified**

Wakefield-Induced Ionization Injection

Monday 6 October 2014 16:00 (2 hours)

Presenter: Dr MARTINEZ DE LA OSSA, Alberto (DESY)

Session Classification: Poster Session

Contribution ID: 33

Type: **not specified**

Characterization of Gas Targets for Plasma-Wakefield Acceleration

Monday 6 October 2014 16:00 (2 hours)

Presenter: GOLDBERG, Lars

Session Classification: Poster Session

Contribution ID: 34

Type: **not specified**

Efficient Modeling of Plasma Wakefield Acceleration with Electron Injection in Density Transitions

Monday 6 October 2014 16:00 (2 hours)

Presenter: Mr MEHRLING, Timon (DESY)

Session Classification: Poster Session

Contribution ID: 35

Type: **not specified**

Plasma Based Dechirper

Monday 6 October 2014 16:00 (2 hours)

Presenter: WACKER, Violetta (DESY)

Session Classification: Poster Session

Contribution ID: 36

Type: **not specified**

Matching and Final Focusing Section for FLASHForward Project

Monday 6 October 2014 16:00 (2 hours)

Presenter: Mr ZEMELLA, Johann (DESY Hamburg)

Session Classification: Poster Session

Contribution ID: 37

Type: **not specified**

REGAE/LUX 7

Contribution ID: **38**

Type: **not specified**

PITZ 5

Contribution ID: 39

Type: **not specified**

Novel Femtosecond Level Synchronization of Titanium Sapphire Lasers and Relativistic Electron Beams

Monday 6 October 2014 16:00 (2 hours)

Presenter: TITBERIDZE, Mikheil

Session Classification: Poster Session

Contribution ID: 40

Type: **not specified**

Precision LLRF Controls for the S-Band Accelerator REGAE

Monday 6 October 2014 16:00 (2 hours)

Presenter: Dr HOFFMANN, Matthias (DESY)

Session Classification: Poster Session

Contribution ID: 41

Type: **not specified**

MSK Elevator Speeches

Monday 6 October 2014 13:18 (3 minutes)

Presenters: Dr HOFFMANN, Matthias (DESY); TITBERIDZE, Mikheil

Session Classification: Plenary Session I

Contribution ID: 42

Type: **not specified**

Summary WG 1

Tuesday 7 October 2014 13:00 (20 minutes)

Presenters: Ms GREBENYUK, Julia (DESY); Mr SCHAPER, Lucas (Universitaet Hamburg)

Session Classification: Working Group Summary

Contribution ID: 43

Type: **not specified**

Summary WG 2

Tuesday 7 October 2014 13:20 (20 minutes)

Presenters: Dr DALE, John; Mr MEHRLING, Timon (DESY)

Session Classification: Working Group Summary

Contribution ID: 44

Type: **not specified**

Summary WG 3

Tuesday 7 October 2014 13:40 (20 minutes)

Presenters: Dr MARTINEZ DE LA OSSA, Alberto (DESY); Dr STREETER, Matthew

Session Classification: Working Group Summary

Contribution ID: 45

Type: **not specified**

Summary WG 4

Tuesday 7 October 2014 14:00 (20 minutes)

Presenters: DORNMAIR, Irene (Universität Hamburg); WACKER, Violetta

Session Classification: Working Group Summary

Contribution ID: 46

Type: **not specified**

A Double-Prism Spectrometer for the Longitudinal Diagnosis of fs-Electron Bunches with Mid-Infrared Transition Radiation

Monday 6 October 2014 16:00 (2 hours)

Presenter: Mr WUNDERLICH, Steffen (Deutsches Elektronen-Synchrotron DESY)

Session Classification: Poster Session