

7th Low Emittance Rings Workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

SOLEIL upgrade

Monday 15 January 2018 11:00 (30 minutes)

Presenter: Dr NADJI, Amor (Synchrotron SOLEIL)

Session Classification: Low emittance ring design and status

Contribution ID: 2

Type: **not specified**

PETRA IV

Monday 15 January 2018 09:00 (30 minutes)

Presenters: WANZENBERG, Rainer (Deutsches Elektronen-Synchrotron (DE)); WANZENBERG, Rainer (DESY)

Session Classification: Low emittance ring design and status

Contribution ID: 3

Type: **not specified**

The South-Eastern Europe Initiative

Monday 15 January 2018 10:00 (30 minutes)

Presenter: EINFELD, Dieter (ESRF)

Session Classification: Low emittance ring design and status

Contribution ID: 4

Type: **not specified**

SLRI new light source

Monday 15 January 2018 12:00 (30 minutes)

Presenters: PULAMPONG, Thapakron; PULAMPONG, thapakron (SLRI)

Session Classification: Low emittance ring design and status

Contribution ID: 5

Type: **not specified**

Low emittance positron ring for muon colliders

Presenter: BLANCO GARCIA, Oscar Roberto (Univ. of Valencia and CSIC (ES))

Session Classification: Low emittance ring design and status

Contribution ID: 6

Type: **not specified**

TMCI with harmonic cavities

Monday 15 January 2018 14:00 (30 minutes)

Presenter: VENTURINI, Marco (LBNL)

Session Classification: collective effects in low emittance rings

Contribution ID: 7

Type: **not specified**

Ion-trapping in electron storage rings

Monday 15 January 2018 14:30 (30 minutes)

Presenter: GAMELIN, Alexis (LAL)

Session Classification: collective effects in low emittance rings

Contribution ID: 8

Type: **not specified**

Review of injection schemes

Tuesday 16 January 2018 09:30 (30 minutes)

Presenter: KUSKE, Peter (HZB, Humboldt-innovation GmbH)

Session Classification: low emittance rings design and status

Contribution ID: 9

Type: **not specified**

Recent measurements of linear & nonlinear optics at the ESRF storage ring

Tuesday 16 January 2018 16:20 (30 minutes)

Presenter: FRANCHI, Andrea

Session Classification: Experimental tests in low emittance rings

Contribution ID: **10**

Type: **not specified**

FCCee vacuum system

Tuesday 16 January 2018 14:00 (30 minutes)

Presenter: KERSEVAN, Roberto (CERN)

Session Classification: low emittance ring technology

Contribution ID: **11**

Type: **not specified**

NEG coating

Tuesday 16 January 2018 14:30 (30 minutes)

Presenter: Dr MALYSHEV, Oleg (STFC Daresbury Laboratory)

Session Classification: low emittance ring technology

Contribution ID: 12

Type: **not specified**

Design and tests of extraction kicker system

Wednesday 17 January 2018 09:30 (30 minutes)

Presenter: BELVER AGUILAR, Carolina (CERN)

Session Classification: low emittance ring technology

Contribution ID: 13

Type: **not specified**

High efficiency klystron technology

Wednesday 17 January 2018 09:00 (30 minutes)

Presenter: SYRATCHEV, Igor (CERN)

Session Classification: low emittance ring technology

Contribution ID: 14

Type: **not specified**

Summary of SCUs activities at APS and plans for APS-U

Wednesday 17 January 2018 10:00 (30 minutes)

Presenter: IVANYUSHENKOV, Yuri (ANL)

Session Classification: low emittance ring technology

Contribution ID: 15

Type: **not specified**

Experimental studies for the high field wiggler at KIT-ANKA

Tuesday 16 January 2018 17:10 (20 minutes)

Presenter: ZISOPOULOS, Panagiotis (CERN)

Session Classification: Experimental tests in low emittance rings

Contribution ID: **16**

Type: **not specified**

MAX IV operation

Tuesday 16 January 2018 09:00 (30 minutes)

Presenter: FERNANDES TAVARES, Pedro (Lund University)

Session Classification: low emittance rings design and status

Contribution ID: 17

Type: **not specified**

Cherenkov radiation detectors at Cornell

Tuesday 16 January 2018 15:00 (30 minutes)

Presenter: LEFEVRE, Thibaut (CERN)

Session Classification: low emittance ring technology

Contribution ID: **18**

Type: **not specified**

Design challenges for APS-U

Monday 15 January 2018 09:30 (30 minutes)

Presenter: SAJAEV, Vadim (ANL)

Session Classification: Low emittance ring design and status

Contribution ID: **19**

Type: **not specified**

Precise optics measurements on storage rings

Tuesday 16 January 2018 16:50 (20 minutes)

Presenter: MALINA, Lukas (University of Oslo (NO))

Session Classification: Experimental tests in low emittance rings

Contribution ID: 20

Type: **not specified**

Collective effects in MAX IV

Monday 15 January 2018 15:00 (30 minutes)

Presenter: CULLINAN, Francis Jamshyd (University of London (GB))

Session Classification: collective effects in low emittance rings

Contribution ID: 21

Type: **not specified**

Collective effects for APS-U

Monday 15 January 2018 15:30 (30 minutes)

Presenter: LINDBERG, Ryan

Session Classification: collective effects in low emittance rings

Contribution ID: 22

Type: **not specified**

Ideal orbit feedback for ultralow emittance rings

Tuesday 16 January 2018 15:30 (30 minutes)

Presenter: REHM, Guenther (Diamond Light Source)

Session Classification: low emittance ring technology

Contribution ID: 23

Type: **not specified**

Simulation Code for Self-consistent Modelling of Short- and Long-range Wakefield Effects

Monday 15 January 2018 16:20 (30 minutes)

Presenter: BASSI, Gabriele (BNL)

Session Classification: collective effects in low emittance rings

Contribution ID: 24

Type: **not specified**

Summary on studies and simulations of collective effects at NSLS-II

Monday 15 January 2018 16:50 (30 minutes)

Presenter: ALEXEI, Blednykh (BNL)

Session Classification: collective effects in low emittance rings

Contribution ID: 25

Type: **not specified**

Variable pulse length Storage Ring BESSY VSR - Opportunities and Challenges

Tuesday 16 January 2018 10:00 (30 minutes)

Presenter: JANKOWIAK, Andreas (Helmholtz-Zentrum Berlin)

Session Classification: low emittance rings design and status

Contribution ID: 26

Type: **not specified**

High-frequency impedance measurements of coated wave-guides

Monday 15 January 2018 17:20 (30 minutes)

Presenter: PASSARELLI, Andrea (Universita e INFN, Napoli (IT))

Session Classification: collective effects in low emittance rings

Contribution ID: 27

Type: **not specified**

PSPA, a web platform for particle accelerator design and simulations

Wednesday 17 January 2018 11:00 (30 minutes)

Presenter: BIAGINI, Maria Enrica

Session Classification: Low emittance ring design and status

Contribution ID: **28**

Type: **not specified**

Beam halo formation studies at KEK-ATF

Tuesday 16 January 2018 12:00 (30 minutes)

Presenter: Dr YANG, Renjun (LAL)

Session Classification: low emittance rings design and status

Contribution ID: 29

Type: **not specified**

Low emittance positron ring for muon colliders

Wednesday 17 January 2018 12:00 (30 minutes)

Presenters: Dr OSCAR BLANCO (CERN); BLANCO GARCIA, Oscar Roberto (Univ. of Valencia and CSIC (ES))

Session Classification: Low emittance ring design and status

Contribution ID: **30**

Type: **not specified**

Welcome

Monday 15 January 2018 08:45 (5 minutes)

Presenter: VRETENAR, Maurizio (CERN)

Session Classification: Welcome and Introduction

Contribution ID: **31**

Type: **not specified**

Introduction

Monday 15 January 2018 08:50 (10 minutes)

Presenter: PAPAPHILIPPOU, Yannis (CERN)

Session Classification: Welcome and Introduction

Contribution ID: 32

Type: **not specified**

Design aspects for Elettra 2.0

Monday 15 January 2018 11:30 (30 minutes)

Presenters: KARANTZOULIS, Emanuel (Elettra - Sincrotrone Trieste); KARANTZOULIS, Emanuel (Elettra -Sincrotrone Trieste)

Session Classification: Low emittance ring design and status

Contribution ID: 33

Type: **not specified**

Tracking studies for safe Top-Up injection at ESRF-EBS

Tuesday 16 January 2018 10:50 (20 minutes)

Presenter: LIUZZO, Simone Maria (ESRF)

Session Classification: low emittance rings design and status

Contribution ID: 34

Type: **not specified**

Non-linear dynamics and low emittance tuning of the CLIC DR

Tuesday 16 January 2018 11:30 (30 minutes)

Presenters: Dr GHASEM, Hossein (IPM - Institute for Research in Fundamental Sciences (IR)); Dr GHASEM, Hossein (Diamond)

Session Classification: low emittance rings design and status

Contribution ID: 35

Type: **not specified**

EBS optics adjustment to accomodate Short Bend, 2-pole wigglers and canted beamlines

Wednesday 17 January 2018 11:30 (30 minutes)

Presenter: LIUZZO, Simone Maria (ESRF)

Session Classification: Low emittance ring design and status

Contribution ID: 36

Type: **not specified**

Optics design of the CEPC Collider Ring.

Wednesday 17 January 2018 14:00 (30 minutes)

Presenters: WANG, Yiwei; WANG, Yiwei (IHEP)

Session Classification: Low emittance ring design and status

Contribution ID: 37

Type: **not specified**

Alignement tolerance studies in FCC-ee

Wednesday 17 January 2018 14:30 (30 minutes)

Presenter: AUMON, Sandra (CERN)

Session Classification: Low emittance ring design and status

Contribution ID: **38**

Type: **not specified**

Challenges of a low emittance electron beam in a high energy booster synchrotron

Wednesday 17 January 2018 15:00 (30 minutes)

Presenter: HARER, Bastian (CERN)

Session Classification: Low emittance ring design and status

Contribution ID: 39

Type: **not specified**

Comment on resistivity measurements of coated surfaces

Monday 15 January 2018 17:50 (20 minutes)

Presenters: PLOUVIEZ, Eric (ESRF); PLOUVIEZ, Eric (ESRF)

Session Classification: collective effects in low emittance rings

Contribution ID: 40

Type: **not specified**

Analytical N-BPM method for optics measurements

Tuesday 16 January 2018 17:30 (20 minutes)

Presenter: Mr WEGSCHEIDER, Andreas (Hamburg University (DE))

Session Classification: Experimental tests in low emittance rings

Contribution ID: 41

Type: **not specified**

Optics-measurement-based BPM calibration

Tuesday 16 January 2018 17:50 (20 minutes)

Presenters: GARCIA-TABARES, Ana; GARCIA-TABARES VALDIVIESO, Ana (Universidad Complutense (ES))

Session Classification: Experimental tests in low emittance rings

Contribution ID: 42

Type: **not specified**

First-turn-around strategy for HEPS

Tuesday 16 January 2018 11:10 (20 minutes)

Presenter: Ms ZHAO, YaLiang (IHEP, CAS)

Session Classification: low emittance rings design and status