

28th FCAL Collaboration workshop



Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Monday 21 March 2016 10:00 (10 minutes)

Presenters: BEDNYAKOV, Vadim (Unknown); BEDNYAKOV, Vadim (Joint Inst. for Nuclear Research (RU))

Session Classification: Opening session

Contribution ID: 1

Type: **not specified**

Status of ILC

Monday 21 March 2016 10:10 (25 minutes)

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Opening session

Contribution ID: 2

Type: **not specified**

Status of CLIC

Monday 21 March 2016 10:35 (25 minutes)

Presenter: LINSSEN, Lucie (CERN)

Session Classification: Opening session

Contribution ID: 3

Type: **not specified**

Report from Clustering WG

Monday 21 March 2016 11:20 (20 minutes)

Presenter: BORYSOV, Oleksandr (Tel Aviv University (IL))

Session Classification: Opening session

Contribution ID: 4

Type: **not specified**

Report from Hardware WG

Monday 21 March 2016 11:40 (20 minutes)

Presenter: IDZIK, Marek (AGH University of Science and Technology (PL))

Session Classification: Opening session

Contribution ID: 5

Type: **not specified**

Report from the Institute Board

Tuesday 22 March 2016 12:20 (20 minutes)

Presenter: LEVY, Aharon (Tel Aviv University (IL))

Contribution ID: 6

Type: **not specified**

Discussion of the test-beam analysis/plans

Tuesday 22 March 2016 11:35 (45 minutes)

Presenter: BENHAMMOU, Yan (Tel Aviv University (IL))

Contribution ID: 7

Type: **not specified**

Workshop summary and closing

Tuesday 22 March 2016 12:40 (20 minutes)

Presenters: LOHMANN, Wolfgang Friedrich (Deutsches Elektronen-Synchrotron (DE)); LOHMANN, Wolfgang (DESY)

Contribution ID: 8

Type: **not specified**

BeamCal Reconstruction using the DD4hep Geometry Information

Monday 21 March 2016 15:15 (20 minutes)

Presenter: SAILER, Andre (CERN)

Session Classification: Simulations

Contribution ID: 9

Type: **not specified**

Gold-bumped foil for fan-out technologies

Monday 21 March 2016 13:00 (15 minutes)

Presenter: BORTKO, Lyutsiya

Session Classification: Hardware & Read-out electronics

Contribution ID: **10**

Type: **not specified**

Tungsten plates measurements

Monday 21 March 2016 14:15 (15 minutes)

Presenters: GOSTKIN, Mikhail (Joint Inst. for Nuclear Research (RU)); GOSTKIN, Mikhail (Joint Institute for Nuclear Research (JINR))

Session Classification: Hardware & Read-out electronics

Contribution ID: **11**

Type: **not specified**

FLAME, a new readout ASIC for the LumiCal detector

Monday 21 March 2016 13:15 (20 minutes)

Presenter: IDZIK, Marek (AGH University of Science and Technology (PL))

Session Classification: Hardware & Read-out electronics

Contribution ID: **12**

Type: **not specified**

BeamCall module assembly

Presenters: LANGE, Wolfgang (Deutsches Elektronen-Synchrotron (DE)); LANGE, Wolfgang (DESY); LANGE, Wolfgang (Deutsches Elektronen-Synchrotron (DESY))

Contribution ID: 13

Type: **not specified**

R&D work carried out in the IFJ PAN. Status report.

Monday 21 March 2016 13:55 (20 minutes)

Presenters: ZAWIEJSKI, Leszek Kamil (Polish Academy of Sciences (PL)); ZAWIEJSKI, Leszek (Institute of Nuclear Physics PAN)

Session Classification: Hardware & Read-out electronics

Contribution ID: 14

Type: **not specified**

Resolving differences in the simulation of TB 2014

Tuesday 22 March 2016 09:55 (20 minutes)

Presenters: LUKIC, Strahinja (University of Belgrade (RS)); LUKIC, Strahinja (University of Belgrade (RS))

Session Classification: Test-beam Results

Contribution ID: 15

Type: **not specified**

BeamCal efficiency map status

Monday 21 March 2016 15:55 (15 minutes)

Presenter: LUTSENKO, Evgeniy (MIPT)

Session Classification: Simulations

Contribution ID: **16**

Type: **not specified**

Study of Geant4 EM Physics List for the 2014 test beam

Tuesday 22 March 2016 10:15 (20 minutes)

Presenter: NEAGU, Alina Tania (Instutute of Space Science)

Session Classification: Test-beam Results

Contribution ID: 17

Type: **not specified**

TB14 Moliere radius

Tuesday 22 March 2016 09:35 (20 minutes)

Presenters: LEVY, Itamar (Tel Aviv University (IL)); LEVY, itamar

Session Classification: Test-beam Results

Contribution ID: **18**

Type: **not specified**

Calibration of TB2015 LumiCal System

Tuesday 22 March 2016 10:35 (20 minutes)

Presenters: LEVY, Itamar (Tel Aviv University (IL)); LEVY, itamar

Session Classification: Test-beam Results

Contribution ID: **19**

Type: **not specified**

HV scan - first results of the analysis of the 2015 test beam data

Tuesday 22 March 2016 10:55 (20 minutes)

Presenters: KRUPA, Beata Anna (Polish Academy of Sciences (PL)); KRUPA, Beata (Institute of Nuclear Physics Polish Academy of Sciences)

Session Classification: Test-beam Results

Contribution ID: **20**

Type: **not specified**

BEAMCAL r/o chip

Presenter: ABUSLEME HOFFMAN, Angel Christian (Pontificia Univ. Catolica de Chile (CL))

Contribution ID: 21

Type: **not specified**

Radiation hardness results

Monday 21 March 2016 14:30 (15 minutes)

Presenter: SCHUMM, Bruce Andrew (University of California,Santa Cruz (US))

Session Classification: Hardware & Read-out electronics

Contribution ID: 22

Type: **not specified**

New LumiCal Sensor Design

Monday 21 March 2016 13:35 (20 minutes)

Presenter: BENHAMMOU, Yan (Tel Aviv University (IL))

Session Classification: Hardware & Read-out electronics

Contribution ID: 23

Type: **not specified**

Physics at CLIC and other future colliders

Monday 21 March 2016 11:00 (20 minutes)

Presenter: BOYKO, Igor (Joint Inst. for Nuclear Research (RU))

Session Classification: Opening session

Contribution ID: 24

Type: **not specified**

LumiCal Performance with the Tracking Detector

Monday 21 March 2016 15:35 (20 minutes)

Presenter: BORYSOV, Oleksandr (Tel Aviv University (IL))

Session Classification: Simulations

Contribution ID: 25

Type: **not specified**

Linearity and energy resolution of the LHCAL

Monday 21 March 2016 16:10 (10 minutes)

Presenter: Mr LUKIANCHUK, Vladyslav

Session Classification: Simulations

Contribution ID: 26

Type: **not specified**

LumiCal Sensor Alignment for TB2014

Monday 21 March 2016 16:20 (20 minutes)

Presenter: ROSENBLAT, Oron (Tel Aviv University (IL))

Session Classification: Simulations

Contribution ID: 27

Type: **not specified**

The bhabha scattering event generator

Monday 21 March 2016 16:40 (20 minutes)

Presenter: MAKARENKO, Vladimir (Byelorussian State University (BY))

Session Classification: Simulations

Contribution ID: 28

Type: **not specified**

On the precision of Bhabha scattering description

Tuesday 22 March 2016 09:00 (20 minutes)

Presenters: ARBUZOV, Andrey (Joint Institute for Nuclear Research (JINR)); ARBUZOV, Andrey (Joint Inst. for Nuclear Research (RU))

Contribution ID: 29

Type: **not specified**

Heat budget for BeamCal

Monday 21 March 2016 14:45 (15 minutes)

Presenter: D'HAUTHUILLE, Luc (University of California, Santa Cruz)

Session Classification: Hardware & Read-out electronics

Contribution ID: **30**

Type: **not specified**

LHCal study. Particle identification.

Tuesday 22 March 2016 09:20 (15 minutes)

Presenter: LAZORENKO, Maryna