

International Workshop on Forward Physics and Forward Calorimeter Upgrade in ALICE

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Thursday 7 March 2019 10:00 (5 minutes)

Presenter: CHUJO, Tatsuya (University of Tsukuba (JP))

Contribution ID: 2

Type: **not specified**

ALICE FoCal physics and project overview

Thursday 7 March 2019 10:05 (30 minutes)

Presenter: VAN LEEUWEN, Marco (Nikhef National institute for subatomic physics (NL))

Contribution ID: 3

Type: **not specified**

Small-x physics probed by forward photons

Thursday 7 March 2019 11:10 (30 minutes)

Presenter: Prof. FUKUSHIMA, Kenji (The University of Tokyo)

Contribution ID: 4

Type: **not specified**

Integrated dynamical approach from small to large colliding systems

Thursday 7 March 2019 11:40 (30 minutes)

Presenter: HIRANO, Tetsufumi (Sophia Univ)

Contribution ID: 5

Type: **not specified**

Nonlinear Dynamics of Glasma

Thursday 7 March 2019 13:30 (30 minutes)

Presenter: ITAKURA, Kazunori (KEK)

Contribution ID: 6

Type: **not specified**

Colour dipole approach to forward photon-hadron correlations at LHC and RHIC

Thursday 7 March 2019 14:00 (30 minutes)

Presenter: Dr SUMBERA, Michal (Nuclear Physics Institute, Acad. of Sciences of the Czech Rep. (CZ))

Contribution ID: 7

Type: **not specified**

Diffraction and forward physics at HERA and the LHC

Thursday 7 March 2019 14:30 (30 minutes)

Presenter: YAMAZAKI, Yuji (Kobe University (JP))

Contribution ID: 8

Type: **not specified**

LHCf/RHICf: a zero degree calorimeter at LHC and RHIC

Thursday 7 March 2019 15:30 (30 minutes)

Presenter: MENJO, Hiroaki (Nagoya University (JP))

Contribution ID: 9

Type: **not specified**

Transverse Single Spin Asymmetry of Very Forward π^0 Production Using RHICf Detector in Polarized Proton-Proton Collision

Thursday 7 March 2019 16:00 (30 minutes)

Presenter: Dr NAKAGAWA, itaru (RIKEN)

Contribution ID: **10**

Type: **not specified**

Forward Spin Physics at PHENIX and sPHENIX

Thursday 7 March 2019 16:30 (30 minutes)

Presenter: GOTO, Yuji (RIKEN)

Contribution ID: 11

Type: **not specified**

Front-end electronics for the FoCal Pad detector and mini-FoCal production

Friday 8 March 2019 10:50 (30 minutes)

Presenter: INABA, Motoi (University of Tsukuba (JP))

Contribution ID: 12

Type: **not specified**

Overview of CALICE SiW-ECAL

Friday 8 March 2019 09:30 (30 minutes)

Presenter: SUEHARA, Taikan (Kyushu University (JP))

Contribution ID: 13

Type: **not specified**

FOCAL readout with SAMPA

Friday 8 March 2019 10:00 (30 minutes)

Presenter: BREGANT, Marco (Universidade de Sao Paulo (BR))

Contribution ID: 14

Type: **not specified**

mini-FoCal in ALICE

Friday 8 March 2019 14:15 (20 minutes)

Presenter: NOVITZKY, Norbert (University of Tsukuba (JP))

Contribution ID: 15

Type: **not specified**

mini-FoCal tes at SPS

Friday 8 March 2019 14:00 (15 minutes)

Presenter: TAKASU, Saori (Hiroshima University (JP))

Contribution ID: 16

Type: **not specified**

FoCal physics cases nuclear PDFs and CGC

Thursday 7 March 2019 17:00 (30 minutes)

Presenter: PEITZMANN, Thomas (Nikhef National institute for subatomic physics (NL))

Contribution ID: 17

Type: **not specified**

mini-FoCal test at PS and pi-pi0 correlation

Friday 8 March 2019 13:30 (15 minutes)

Presenter: HACHIYA, Takashi (Nara Women's University (JP))

Contribution ID: **18**

Type: **not specified**

Si pad design and readout (TBC)

Presenter: MUHURI, Sanjib (Department of Atomic Energy (IN))

Contribution ID: **19**

Type: **not specified**

mini-FoCal test at PS

Friday 8 March 2019 13:45 (15 minutes)

Presenter: MINATO, Yoko (Nara Women's University (JP))

Contribution ID: **20**

Type: **not specified**

MAPS status

Friday 8 March 2019 14:35 (30 minutes)

Presenter: PEITZMANN, Thomas (Nikhef National institute for subatomic physics (NL))

Contribution ID: 21

Type: **not specified**

MAPS medical application

Friday 8 March 2019 15:25 (20 minutes)

Presenter: ROEHRICH, Dieter (University of Bergen (NO))

Contribution ID: 22

Type: **not specified**

Comparison of forward photon measurements across future facilities

Friday 8 March 2019 15:45 (30 minutes)

Presenter: LOIZIDES, Constantinos (ORNL)

Contribution ID: 23

Type: **not specified**

CRU for FoCal

Friday 8 March 2019 11:20 (20 minutes)

Presenter: OYAMA, Ken (Nagasaki Inst. of Applied Science (JP))

Contribution ID: 24

Type: **not specified**

Remote contributions

Contribution ID: 25

Type: **not specified**

Discussion (hardware action items for Lol and TDR)

Friday 8 March 2019 16:15 (30 minutes)

Contribution ID: 26

Type: **not specified**

A next-generation LHC heavy-ion experiment

Saturday 9 March 2019 09:30 (30 minutes)

Presenter: ANTINORI, Federico (Universita e INFN, Padova (IT))

Contribution ID: 27

Type: **not specified**

Exploring the very forward region: physics ideas and detector challenges

Saturday 9 March 2019 10:00 (30 minutes)

Presenter: ROEHRICH, Dieter (University of Bergen (NO))

Contribution ID: 28

Type: **not specified**

Extension of forward physics beyond 2030

Saturday 9 March 2019 10:30 (30 minutes)

Presenter: GUNJI, Taku (University of Tokyo (JP))

Contribution ID: 29

Type: **not specified**

AFTER@LHC: A fixed-target experiment using LHC beams

Saturday 9 March 2019 11:00 (30 minutes)

Presenter: YAMANAKA, Nodoka (Riken)

Contribution ID: **30**

Type: **not specified**

Wrap-up and next meeting

Saturday 9 March 2019 11:50 (20 minutes)

Presenter: VAN LEEUWEN, Marco (Nikhef National institute for subatomic physics (NL))

Contribution ID: 31

Type: **not specified**

FoCal activity in Japan

Thursday 7 March 2019 10:35 (15 minutes)

Presenter: CHUJO, Tatsuya (University of Tsukuba (JP))

Contribution ID: 32

Type: **not specified**

Discussion on pad design and readout

Friday 8 March 2019 12:00 (30 minutes)

Contribution ID: **33**

Type: **not specified**

Photo session

Contribution ID: **34**

Type: **not specified**

Physics case (other topics in pp and PbPb), discussion

Friday 8 March 2019 11:40 (20 minutes)

Presenter: VAN LEEUWEN, Marco (Nikhef National institute for subatomic physics (NL))