

CFNS workshop on Forward Physics And Instrumentation From Colliders To Cosmic Rays



Report of Contributions

Contribution ID: 1

Type: **not specified**

Overview: EIC and Polarized light ion physics at the EIC

Presenter: MILNER, Richard (MIT)

Session Classification: Future Experiments and Instrumentation

Contribution ID: 2

Type: **not specified**

Breakfast

Contribution ID: 3

Type: **not specified**

EIC and Polarized light ion physics at the EIC

Wednesday, October 17, 2018 9:00 AM (35 minutes)

Presenter: MILNER, Richard (MIT)

Contribution ID: 4

Type: **not specified**

Light ion physics with forward detection at EIC

Wednesday, October 17, 2018 9:35 AM (25 minutes)

Presenter: WEISS, Christian (Jefferson Lab)

Contribution ID: 5

Type: **not specified**

Measuring precisely luminosity at LHC using ATLAS LUCID

Wednesday, October 17, 2018 10:00 AM (25 minutes)

Presenter: BRUSCHI, Marco

Contribution ID: 6

Type: **not specified**

Spin (talk cancelled)

Wednesday, October 17, 2018 11:00 AM (35 minutes)

Contribution ID: 7

Type: **not specified**

Spin dependence of small angle scattering

Wednesday, October 17, 2018 11:35 AM (25 minutes)

Presenter: KRELINA, Michal

Contribution ID: 8

Type: **not specified**

The role of diffractive process in the inclusive asymmetry at almost zero degrees in transversely polarized proton + proton collision at RHIC

Wednesday, October 17, 2018 12:00 PM (25 minutes)

Presenter: NAKAGAWA, Itaru

Contribution ID: 9

Type: **not specified**

Opportunities for forward physics at the EIC

Wednesday, October 17, 2018 11:00 AM (35 minutes)

Presenter: STRIKMAN, Mark

Contribution ID: **10**

Type: **not specified**

MC Event Generator BeAGLE for Forward Physics at the EIC

Wednesday, October 17, 2018 2:30 PM (25 minutes)

Presenter: BAKER, Mark

Contribution ID: 11

Type: **not specified**

High-granularity EM calorimetry for forward measurements

Wednesday, October 17, 2018 2:55 PM (25 minutes)

Presenters: PEITZMANN, Thomas; PEITZMANN, Thomas (Utrecht University/Nikhef)

Contribution ID: 12

Type: **not specified**

Forward Physics with STAR and Detector Upgrades

Wednesday, October 17, 2018 4:00 PM (25 minutes)

Presenter: EYSER, Oleg (BNL)

Contribution ID: 13

Type: **not specified**

Forward Physics with (s)PHENIX

Wednesday, October 17, 2018 4:25 PM (25 minutes)

Presenter: BAZILEVSKY, Alexander (BNL)

Contribution ID: 14

Type: **not specified**

Quark Gluon Plasma / Hot QCD

Presenter: SCHENKE, Bjoern (BNL)

Contribution ID: 15

Type: **not specified**

Cosmic Rays and Neutrinos

Thursday, October 18, 2018 9:00 AM (35 minutes)

Presenter: ENGEL, Ralph

Contribution ID: 16

Type: **not specified**

CR measurements at PeV: KASCADE+Grande, IceTop

Thursday, October 18, 2018 9:35 AM (25 minutes)

Presenter: TILAV, Serap

Contribution ID: 17

Type: **not specified**

Hadronic interaction model EPOS, QGSJET, SIBYLL, DPMJET

Thursday, October 18, 2018 10:00 AM (25 minutes)

Presenter: RIEHN, Felix

Contribution ID: **18**

Type: **not specified**

Forward detection requirements at the EIC - flavor, neutron structure, light and heavy ions

Thursday, October 18, 2018 11:00 AM (25 minutes)

Presenter: NADEL-TURONSKI, Pawel (Jefferson Lab)

Contribution ID: **19**

Type: **not specified**

EIC machine backgrounds

Thursday, October 18, 2018 11:25 AM (25 minutes)

Presenter: ELOUADRHIRI, Latifa

Contribution ID: **20**

Type: **not specified**

LHC Oxygen collision

Thursday, October 18, 2018 11:50 AM (25 minutes)

Presenter: DEMBINSKI, Hans

Contribution ID: 21

Type: **not specified**

Electron and neutrino interactions at high energies

Thursday, October 18, 2018 2:00 PM (35 minutes)

Presenter: KHARZEEV, Dmitri (Stony Brook University and BNL)

Contribution ID: 22

Type: **not specified**

Heavy flavor physics at LHCb

Thursday, October 18, 2018 2:35 PM (25 minutes)

Presenter: DASILVA, Cesar (Los Alamos National Laboratory)

Contribution ID: 23

Type: **not specified**

Review of heavy ion in CMS

Thursday, October 18, 2018 3:00 PM (25 minutes)

Presenter: MURRAY, Michael

Contribution ID: 24

Type: **not specified**

Atmospheric Neutrinos

Thursday, October 18, 2018 4:00 PM (25 minutes)

Presenter: GAISSER, Tom

Contribution ID: 25

Type: **not specified**

Hadronic interaction model SIBYLL, Fluka

Thursday, October 18, 2018 4:25 PM (25 minutes)

Presenter: FEDYNICH, Anatoli

Contribution ID: 26

Type: **not specified**

Atmospheric prompt neutrinos

Thursday, October 18, 2018 4:50 PM (25 minutes)

Presenter: STASTO, Anna

Contribution ID: 27

Type: **not specified**

Low x, Saturation, and Heavy Nuclei (talk canceled)

Friday, October 19, 2018 9:00 AM (35 minutes)

Contribution ID: 28

Type: **not specified**

Recent results on forward physics from the CMS and CMS-TOTEM experiments

Friday, October 19, 2018 9:35 AM (25 minutes)

Presenter: CIESIELSKI, Robert

Contribution ID: 29

Type: **not specified**

JIMWLK and applications to observables

Friday, October 19, 2018 9:00 AM (35 minutes)

Presenter: SCHENKE, Bjoern (BNL)

Contribution ID: **30**

Type: **not specified**

Review of TOTEM results

Friday, October 19, 2018 11:00 AM (25 minutes)

Presenter: ROYON, Christophe (University of Kansas)

Contribution ID: 31

Type: **not specified**

Total cross-section and diffraction at RHIC

Friday, October 19, 2018 11:25 AM (25 minutes)

Presenter: GURYN, Wlodek (BNL)

Contribution ID: 32

Type: **not specified**

The ATLAS Forward Proton project: detector and results

Friday, October 19, 2018 11:50 AM (25 minutes)

Presenter: RIJSSENBEEK, Michael

Contribution ID: 33

Type: **not specified**

Review of hard diffractive production

Friday, October 19, 2018 2:00 PM (35 minutes)

Presenter: KOPELIOVICH, Boris

Contribution ID: 34

Type: **not specified**

Pomeron structure and photon induced processes

Friday, October 19, 2018 10:00 AM (25 minutes)

Presenter: ROYON, Christophe (University of Kansas)

Contribution ID: 35

Type: **not specified**

Central exclusive production and the new Herschel Forward Shower Counters for LHCb

Friday, October 19, 2018 2:35 PM (25 minutes)

Presenter: DASILVA, Cesar (Los Alamos National Laboratory)

Contribution ID: **36**

Type: **not specified**

Talk

Contribution ID: 37

Type: **not specified**

Talk

Contribution ID: **38**

Type: **not specified**

Discussion

Friday, October 19, 2018 4:50 PM (40 minutes)

Contribution ID: **39**

Type: **not specified**

Discussion

Wednesday, October 17, 2018 10:25 AM (10 minutes)

Contribution ID: 40

Type: **not specified**

Discussion

Wednesday, October 17, 2018 12:25 PM (10 minutes)

Contribution ID: 41

Type: **not specified**

Discussion

Wednesday, October 17, 2018 3:20 PM (15 minutes)

Contribution ID: 42

Type: **not specified**

Discussion

Wednesday, October 17, 2018 5:20 PM (40 minutes)

Contribution ID: 43

Type: **not specified**

Discussion

Thursday, October 18, 2018 10:25 AM (10 minutes)

Contribution ID: 44

Type: **not specified**

Discussion

Thursday, October 18, 2018 12:15 PM (15 minutes)

Contribution ID: 45

Type: **not specified**

Discussion

Thursday, October 18, 2018 3:25 PM (10 minutes)

Contribution ID: 46

Type: **not specified**

Discussion

Friday, October 19, 2018 10:25 AM (10 minutes)

Contribution ID: 47

Type: **not specified**

Discussion

Friday, October 19, 2018 12:15 PM (15 minutes)

Contribution ID: 48

Type: **not specified**

Discussion

Friday, October 19, 2018 3:00 PM (35 minutes)

Contribution ID: 49

Type: **not specified**

Welcome from CFNS

Wednesday, October 17, 2018 8:55 AM (5 minutes)

Contribution ID: 50

Type: **not specified**

Novel Features of QCD Phenomenology at High X

Wednesday, October 17, 2018 4:50 PM (30 minutes)

Presenter: Prof. BRODSKY, Stan

Contribution ID: 51

Type: **not specified**

Next workshop announcement

Friday, October 19, 2018 5:30 PM (5 minutes)

Presenter: ROYON, Christophe (University of Kansas)

Contribution ID: 52

Type: **not specified**

ATLAS ZDC

Friday, October 19, 2018 4:00 PM (25 minutes)

Presenter: STEINBERG, Peter (BNL)

Contribution ID: 53

Type: **not specified**

ATLAS/CMS ZDC Upgrade

Friday, October 19, 2018 4:25 PM (25 minutes)

Presenter: MIGNEREY, Alice