

QCD with Electron-Ion Collider (QEIC)

Report of Contributions

Contribution ID: 1

Type: **not specified**

Inauguration & Welcome remarks

Saturday, 4 January 2020 09:00 (40 minutes)

Contribution ID: 2

Type: **not specified**

Science and Status of the US Electron-Ion Collider (EIC)

Saturday, 4 January 2020 09:40 (40 minutes)

Presenter: DESHPANDE, Abhay

Contribution ID: 3

Type: **not specified**

From RHIC to EIC

Saturday, 4 January 2020 10:20 (40 minutes)

Presenter: MUELLER, Berndt

Contribution ID: 4

Type: **not specified**

Prospective Science and Status of the EIC - JLab View

Saturday, 4 January 2020 11:30 (40 minutes)

Presenter: ENT, Rolf

Contribution ID: 5

Type: **not specified**

Indian participation in recent heavy-ion experiments

Saturday, 4 January 2020 12:10 (40 minutes)

Presenter: MOHANTY, Bedangadas

Contribution ID: 6

Type: **not specified**

Exploring the Nucleon interior with Transverse-Momentum parton Distributions (TMDs)

Saturday, 4 January 2020 14:20 (40 minutes)

Presenter: BACCHETTA, Alessandro

Contribution ID: 7

Type: **not specified**

Extraction of polarized TMDs and the Nucleon Spin Structure

Saturday, 4 January 2020 15:00 (40 minutes)

Presenter: RADICI, Marco

Contribution ID: 8

Type: **not specified**

Probing gluon TMDs in J/psi + jet production at EIC

Saturday, 4 January 2020 15:40 (30 minutes)

Presenter: KISHORE, Raj

Contribution ID: 9

Type: **not specified**

EIC-India collaboration planning

Saturday, 4 January 2020 16:40 (2 hours)

Presenters: DESHPANDE, Abhay; MOHANTY, Bedangadas

Contribution ID: **10**

Type: **not specified**

Shear and pressure distributions in the proton

Sunday, 5 January 2020 09:00 (40 minutes)

Presenter: DETMOLD, Will

Contribution ID: 11

Type: **not specified**

QCD Wigner distribution

Sunday, 5 January 2020 09:40 (40 minutes)

Presenter: HATTA, Yoshitaka

Contribution ID: 12

Type: **not specified**

Nuclear Femtography as a Bridge from from the Nucleon to Neutron Stars

Sunday, 5 January 2020 10:20 (40 minutes)

Presenter: LIUTI, Simonetta

Contribution ID: 13

Type: **not specified**

Setting the stage for hadronization studies at the EIC

Sunday, 5 January 2020 11:30 (40 minutes)

Presenter: AIDALA, Christine

Contribution ID: 14

Type: **not specified**

Understanding the Heavy Ion initial state with Diffraction at the EIC

Sunday, 5 January 2020 12:10 (40 minutes)

Presenter: TOLL, Tobias

Contribution ID: 15

Type: **not specified**

Physics for EIC in the perspective of Direct-photon+jet at Mid and Forward Rapidity

Sunday, 5 January 2020 12:50 (40 minutes)

Presenter: SAHOO, Nihar

Contribution ID: 16

Type: **not specified**

Jets and fragmentation at the EIC

Monday, 6 January 2020 09:00 (40 minutes)

Presenter: RINGER, Felix

Contribution ID: 17

Type: **not specified**

Precise QCD predictions and pdf uncertainties

Monday, 6 January 2020 09:40 (40 minutes)

Presenter: KUMAR, M. C.

Contribution ID: **18**

Type: **not specified**

Toward precision jet event shape for future Electron-Ion Collider

Monday, 6 January 2020 10:20 (30 minutes)

Presenter: MAJI, Tanmay

Contribution ID: 19

Type: **not specified**

Quark orbital angular momentum from lattice calculations

Monday, 6 January 2020 11:20 (40 minutes)

Presenter: ENGELHARDT, Michael

Contribution ID: 20

Type: **not specified**

Structure of pion from lattice QCD

Monday, 6 January 2020 12:00 (40 minutes)

Presenter: MUKHERJEE, Swagato

Contribution ID: 21

Type: **not specified**

Precision computations of gluon saturation for the EIC

Monday, 6 January 2020 14:30 (40 minutes)

Presenter: VENUGOPALAN, Raju

Contribution ID: 22

Type: **not specified**

Quarkonia in the QGP

Monday, 6 January 2020 15:10 (40 minutes)

Presenter: SHARMA, Rishi

Contribution ID: 23

Type: **not specified**

Hadron identification at EIC

Monday, 6 January 2020 16:20 (40 minutes)

Presenter: CONTALBRIGO, Marco

Contribution ID: 24

Type: **not specified**

Exclusive processes at LHC and relevance of EIC

Monday, 6 January 2020 17:00 (40 minutes)

Presenter: BANSAL, Sunil

Contribution ID: 25

Type: **not specified**

Diffractive processes at LHC and relevance of EIC

Monday, 6 January 2020 17:40 (40 minutes)

Presenter: KUMAR, Ramandeep

Contribution ID: 26

Type: **not specified**

Discussion

Monday, 6 January 2020 12:40 (20 minutes)

Contribution ID: 27

Type: **not specified**

Probing initial state fluctuations in heavy-ion collisions with power spectrum of flow coefficients

Tuesday, 7 January 2020 09:00 (40 minutes)

Presenter: SRIVASTAVA, Ajit

Contribution ID: 28

Type: **not specified**

Equilibration of strongly interacting matter

Tuesday, 7 January 2020 09:40 (40 minutes)

Presenter: ROY, Rajarshi

Contribution ID: 29

Type: **not specified**

TMD gluon distributions at small x

Tuesday, 7 January 2020 10:20 (40 minutes)

Presenter: ABIR, Raktim

Contribution ID: **30**

Type: **not specified**

Pion and kaon structure in light-cone quark model

Tuesday, 7 January 2020 11:30 (30 minutes)

Presenter: KUMAR, Narinder

Contribution ID: 31

Type: **not specified**

Constraints on the $g \rightarrow \pi^0$ fragmentation function from RHIC data.

Tuesday, 7 January 2020 12:00 (30 minutes)

Presenter: KAUSHIK, Abhiram

Contribution ID: 32

Type: **not specified**

Infrared renormalon in gluon TMD at small x

Tuesday, 7 January 2020 12:30 (30 minutes)

Presenter: VASIM, Nahid

Contribution ID: 33

Type: **not specified**

Understanding of parton distribution function from CMS measurements

Tuesday, 7 January 2020 14:30 (30 minutes)

Presenter: CHATTERJEE, Suman

Contribution ID: 34

Type: **not specified**

Two photon exchange correction to lepton-proton scattering

Tuesday, 7 January 2020 15:00 (30 minutes)

Presenter: TALUKDAR, Pulak

Contribution ID: 35

Type: **not specified**

Study of $R_2(\Delta\eta, \Delta\varphi)$ and $P_2(\Delta\eta, \Delta\varphi)$

Tuesday, 7 January 2020 15:30 (30 minutes)

Presenter: SAHOO, Baidyanath

Contribution ID: **36**

Type: **not specified**

Discussion

Tuesday, 7 January 2020 16:30 (1 hour)

Contribution ID: 37

Type: **not specified**

Concluding remarks

Tuesday, 7 January 2020 17:30 (30 minutes)