

Towards improved hadron tomography with hard exclusive reactions

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Monday, August 5, 2024 9:00 AM (30 minutes)

Contribution ID: 2

Type: **not specified**

Welcome / Goals of this workshop (Introduction by ECT* incoming Director and by the workshop organizers)

Monday, August 5, 2024 9:30 AM (15 minutes)

Contribution ID: 3

Type: **not specified**

Probing quark and gluon orbital angular momentum

Monday, August 5, 2024 9:45 AM (35 minutes)

Presenter: BHATTACHARYA, Shohini

Contribution ID: 4

Type: **not specified**

Overview of exclusive measurements with CLAS12 at JLab

Monday, August 5, 2024 11:00 AM (25 minutes)

Presenter: STEPANYAN, Stepan

Contribution ID: 5

Type: **not specified**

Deeply virtual exclusive production of mesons at COMPASS

Monday, August 5, 2024 11:25 AM (25 minutes)

Presenter: SANDACZ, Andrzej

Contribution ID: 6

Type: **not specified**

The SoLID GPD Program

Monday, August 5, 2024 11:50 AM (25 minutes)

Presenter: HUBER, Garth (University of Regina)

Contribution ID: 7

Type: **not specified**

QED Corrections for 3D Imaging of a Proton

Monday, August 5, 2024 1:45 PM (25 minutes)

Presenter: AFANASEV, Andrei

Contribution ID: 8

Type: **not specified**

$sl(2,C)$ multipole decomposition of QCD matrix elements for any spin

Monday, August 5, 2024 2:35 PM (25 minutes)

Presenter: COSYN, Wim

Contribution ID: 9

Type: **not specified**

Kinematic corrections to DVCS to twist-6 accuracy

Monday, August 5, 2024 2:10 PM (25 minutes)

Presenter: BRAUN, Vladimir

Contribution ID: **10**

Type: **not specified**

u-Channel exclusive electroproduction observables

Monday, August 5, 2024 3:40 PM (25 minutes)

Co-author: SEMENOV, Kirill

Presenter: SEMENOV, Kirill

Contribution ID: 11

Type: **not specified**

Transition distribution amplitudes and Sullivan backward DVCS

Monday, August 5, 2024 4:05 PM (25 minutes)

Presenter: RODRIGUES CASTRO, Abigail

Contribution ID: 12

Type: **not specified**

The JLab 22 GeV upgrade

Tuesday, August 6, 2024 9:30 AM (25 minutes)

Presenter: ROSSI, Patrizia

Contribution ID: 13

Type: **not specified**

The electron-ion collider

Tuesday, August 6, 2024 9:55 AM (25 minutes)

Presenter: VAN HULSE, Charlotte

Contribution ID: 14

Type: **not specified**

Proton electromagnetic form factors from lattice QCD

Tuesday, August 6, 2024 11:00 AM (25 minutes)

Presenter: DJUKANOVIC, Dalibor

Contribution ID: 15

Type: **not specified**

Nucleon axial and electromagnetic form factors from Lattice QCD

Tuesday, August 6, 2024 11:25 AM (25 minutes)

Presenter: BACCHIO, Simone

Contribution ID: 16

Type: **not specified**

Nucleon form factors at high- Q^2

Tuesday, August 6, 2024 11:50 AM (25 minutes)

Presenter: SYRITSYN, Sergey

Contribution ID: 17

Type: **not specified**

Recent measurements of exclusive processes in ultra-peripheral collisions

Tuesday, August 6, 2024 1:45 PM (25 minutes)

Presenter: MALLICK, Dukhishyam

Contribution ID: **18**

Type: **not specified**

Photoproduction in peripheral pA and AA collisions

Tuesday, August 6, 2024 2:10 PM (25 minutes)

Presenter: MASSACRIER, Laure

Contribution ID: 19

Type: **not specified**

Curing high-energy instability of collinear factorisation for exclusive J/ψ photoproduction

Tuesday, August 6, 2024 2:35 PM (25 minutes)

Presenter: NEFEDOV, Maxim

Contribution ID: 20

Type: **not specified**

Partonic Imaging with the ePIC experiment

Tuesday, August 6, 2024 4:05 PM (25 minutes)

Presenter: JENTSCH, Alex

Contribution ID: 21

Type: **not specified**

ePIC Far Backward Detector Systems

Tuesday, August 6, 2024 3:40 PM (25 minutes)

Presenter: KAY, Stephen

Contribution ID: 22

Type: **not specified**

Nucleon Structure using pseudo-Distributions

Wednesday, August 7, 2024 9:30 AM (25 minutes)

Presenter: RICHARDS, David

Contribution ID: 23

Type: **not specified**

GPDs from lattice QCD

Wednesday, August 7, 2024 9:55 AM (25 minutes)

Presenter: CICHY, Krzysztof

Contribution ID: 24

Type: **not specified**

Twist-3 GPDs from Lattice QCD

Wednesday, August 7, 2024 11:00 AM (25 minutes)

Presenter: CONSTANTINO, Martha

Contribution ID: 25

Type: **not specified**

Nucleon tomography from lattice QCD data

Wednesday, August 7, 2024 11:25 AM (25 minutes)

Presenters: SZNAJDER, Paweł; SZNAJDER, Paweł (National Centre for Nuclear Research, Poland)

Contribution ID: 26

Type: **not specified**

Separation of GPD flavors using neural networks and DVCS on neutron

Wednesday, August 7, 2024 11:50 AM (25 minutes)

Presenters: KUMERICKI, Kresimir; KUMERICKI, Kresimir (University of Zagreb, Faculty of Science)

Contribution ID: 27

Type: **not specified**

How QCD works: from Spectroscopy to GPDs

Thursday, August 8, 2024 9:30 AM (25 minutes)

Presenter: THOMAS, Anthony

Contribution ID: 28

Type: **not specified**

Coherent DVCS on a polarized deuteron

Thursday, August 8, 2024 9:55 AM (25 minutes)

Presenter: MAKINO, Kazuki

Contribution ID: 29

Type: **not specified**

DVCS off the neutron with SBS

Thursday, August 8, 2024 11:00 AM (25 minutes)

Presenter: FUCHEY, Eric

Contribution ID: **30**

Type: **not specified**

Polarization transfer in DVCS

Thursday, August 8, 2024 11:25 AM (25 minutes)

Presenters: DEFURNE, Maxime (CEA-Saclay); DEFURNE, Maxime

Contribution ID: 31

Type: **not specified**

Exclusive processes amplitudes beyond kinematic leading twist

Thursday, August 8, 2024 11:50 AM (25 minutes)

Presenter: MARTINEZ, Victor

Contribution ID: **32**

Type: **not specified**

DDVCS studies

Thursday, August 8, 2024 1:45 PM (25 minutes)

Presenter: ALVARADO, Juan Sebastian (IJCLab)

Contribution ID: 33

Type: **not specified**

Timelike Compton scattering

Thursday, August 8, 2024 2:10 PM (25 minutes)

Presenter: BISWAS, Debaditya

Contribution ID: 34

Type: **not specified**

Exclusive photoproduction of a photon-meson pair

Thursday, August 8, 2024 2:35 PM (25 minutes)

Presenter: CRNKOVIĆ, Nikola

Contribution ID: 35

Type: **not specified**

ROUND TABLE

Thursday, August 8, 2024 4:30 PM (55 minutes)

Contribution ID: 36

Type: **not specified**

The Correlated Spatial Structure of the Proton and UPCs

Friday, August 9, 2024 9:30 AM (25 minutes)

Presenter: LIUTI, Simonetta

Contribution ID: 37

Type: **not specified**

Explainable AI classification for parton density theory.

Friday, August 9, 2024 11:50 AM (25 minutes)

Presenter: KRIESTEN, Brandon

Contribution ID: **38**

Type: **not specified**

DVMP at higher-order and higher-twist revisited

Friday, August 9, 2024 11:00 AM (25 minutes)

Presenter: PASSEK-KUMERICKI, Kornelija

Contribution ID: 39

Type: **not specified**

Exclusive pions and Kaons production

Friday, August 9, 2024 11:25 AM (25 minutes)

Presenter: HUBER, Garth

Contribution ID: 40

Type: **not specified**

Symbolic Regression as a tool for studying GPDs

Friday, August 9, 2024 9:55 AM (25 minutes)

Presenter: ČUIĆ, Marija

Contribution ID: 41

Type: **not specified**

Deeply Virtual Compton Scattering off the neutron with the Neutral Particle Spectrometer in Hall C

Thursday, August 8, 2024 3:40 PM (25 minutes)

Primary author: HAMDI, Wassim (Faculty of Sciences of Monastir)

Presenter: HAMDI, Wassim (Faculty of Sciences of Monastir)

Contribution ID: 42

Type: **not specified**

Maximum Likelihood and MCMC combined analysis of DVCS from the nucleon

Thursday, August 8, 2024 4:05 PM (25 minutes)

Presenter: ADAMS, Douglas (The University of Virginia)