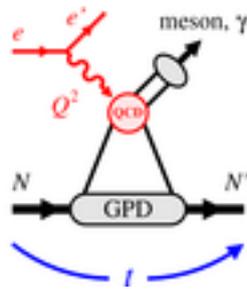


Next-generation GPD studies with exclusive meson production at EIC



Report of Contributions

Contribution ID: 1

Type: **not specified**

Greetings from the CFNS

Monday, 4 June 2018 08:50 (10 minutes)

Presenter: DESHPANDE, Abhay

Session Classification: INTRODUCTION/PLAN

Contribution ID: 2

Type: **not specified**

Introduction from the organizers and plan of the meeting

Monday, 4 June 2018 09:00 (30 minutes)

Presenter: WEISS , Christian (Jefferson Lab)

Session Classification: INTRODUCTION/PLAN

Contribution ID: 3

Type: **not specified**

Meson production in the modified hard scattering approach

Monday, 4 June 2018 09:30 (40 minutes)

Presenter: KROLL, Peter (University of Wuppertal)

Session Classification: MESON PRODUCTION THEORY / PSEUDOSCALAR MESON PRODUCTION

Contribution ID: 4

Type: **not specified**

Pseudoscalar meson production and quark transversity

Monday, 4 June 2018 10:10 (40 minutes)

Presenter: LIUTI, Simonetta (U. of Virginia)

Session Classification: MESON PRODUCTION THEORY / PSEUDOSCALAR MESON PRODUCTION

Contribution ID: 5

Type: **not specified**

Transverse force tomography

Monday, 4 June 2018 11:20 (40 minutes)

Presenter: BURKARDT, Matthias (New Mexico State University)

Session Classification: MESON PRODUCTION THEORY / PSEUDOSCALAR MESON PRODUCTION

Contribution ID: 6

Type: **not specified**

Transversity GPDs in the large- N_c limit

Monday, 4 June 2018 12:00 (20 minutes)

Presenter: TEZGIN, Kemal (University of Connecticut)

Session Classification: MESON PRODUCTION THEORY / PSEUDOSCALAR MESON PRODUCTION

Contribution ID: 7

Type: **Slides**

pi/eta production at JLab with 6 and 12 GeV

Monday, 4 June 2018 13:40 (30 minutes)

Summary

Presenter: ROCHE, Julie (Ohio University)

Session Classification: MESON PRODUCTION THEORY / PSEUDOSCALAR MESON PRODUCTION

Contribution ID: 8

Type: **Slides**

Physics of energy-momentum tensor form factors

Monday, 4 June 2018 15:30 (40 minutes)

Presenter: SCHWEITZER, Peter (UConn)

Session Classification: ENERGY-MOMENTUM TENSOR, ANGULAR MOMENTUM, SCALAR STRUCTURE

Contribution ID: 9

Type: **Slides**

Nucleon scalar structure and QCD vacuum

Monday, 4 June 2018 16:10 (40 minutes)

Presenter: ZAHED, Ismail (Stony Brook University)

Session Classification: ENERGY-MOMENTUM TENSOR, ANGULAR MOMENTUM, SCALAR STRUCTURE

Contribution ID: **10**

Type: **Slides**

GPDs and angular momentum

Monday, 4 June 2018 16:50 (20 minutes)

Presenter: RAJAN, Abha (University of Virginia)

Session Classification: ENERGY-MOMENTUM TENSOR, ANGULAR MOMENTUM, SCALAR STRUCTURE

Contribution ID: 11

Type: **Slides**

J/psi production in UPCs at ALICE

Tuesday, 5 June 2018 09:00 (40 minutes)

Presenter: ANSON, Christopher (Creighton University)

Session Classification: VECTOR MESON PRODUCTION IN ULTRAPERIPHERAL A-A/P-A

Contribution ID: 12

Type: **Slides**

Vector meson production on nuclei and nuclear shadowing

Tuesday, 5 June 2018 09:40 (40 minutes)

Presenter: GUZEY, Vadim (University of Jyvaskyla (Finland), Petersburg Nuclear Physics Institute (Russia))

Session Classification: VECTOR MESON PRODUCTION IN ULTRAPERIPHERAL A-A/P-A

Contribution ID: 13

Type: **not specified**

Vector meson production in UPCs and eSTARlight simulator

Tuesday, 5 June 2018 10:50 (40 minutes)

Presenter: KLEIN, Spencer (LBNL)

Session Classification: VECTOR MESON PRODUCTION IN ULTRAPERIPHERAL A-A/P-A

Contribution ID: 14

Type: **not specified**

GPDs sensitive measurements at RHIC and the EIC

Tuesday, 5 June 2018 11:30 (40 minutes)

Presenter: ASCHENAUER, Elke Caroline (Brookhaven National Laboratory)

Session Classification: VECTOR MESON PRODUCTION IN ULTRAPERIPHERAL A-A/P-A

Contribution ID: 15

Type: **not specified**

Perspective: QCD in exclusive processes

Tuesday, 5 June 2018 13:30 (40 minutes)

Presenter: STERMAN, George (Stony Brook University)

Contribution ID: 16

Type: **not specified**

Exclusive vector mesons at HERA and HERMES

Tuesday, 5 June 2018 14:10 (40 minutes)

Summary

Presenter: VAN HULSE, Charlotte (University of the Basque Country – UPV/EHU)

Session Classification: VECTOR MESON PRODUCTION IN E-P/MU-P

Contribution ID: 17

Type: **not specified**

DVMP in muon scattering at COMPASS

Tuesday, 5 June 2018 14:50 (40 minutes)

Presenter: SANDACZ, Andrzej (National Centre for Nuclear Research, Warsaw)

Session Classification: VECTOR MESON PRODUCTION IN E-P/MU-P

Contribution ID: **18**

Type: **Slides**

Some thoughts about the theory of meson production

Tuesday, 5 June 2018 16:00 (30 minutes)

Summary

Presenter: DIEHL, Markus (DESY)

Session Classification: VECTOR MESON PRODUCTION IN E-P/MU-P

Contribution ID: 19

Type: **Slides**

Omega production at JLab 6 GeV

Summary

Presenter: CORTES (T.B.C.), Olga (GWU)

Session Classification: VECTOR MESON PRODUCTION IN E-P/MU-P

Contribution ID: 20

Type: **Slides**

GPD analysis at CLAS12

Tuesday, 5 June 2018 16:30 (30 minutes)

Summary

Presenter: JOO, Kyungseon (National Science Foundation)

Session Classification: VECTOR MESON PRODUCTION IN E-P/MU-P

Contribution ID: 21

Type: **Slides**

General requirements for exclusive VMP and the EIC/JLEIC detector

Wednesday, 6 June 2018 09:00 (30 minutes)

Summary

Presenter: FURLETOVA, Yulia (Jefferson Lab)

Session Classification: EIC DETECTOR AND SIMULATIONS

Contribution ID: 22

Type: **Slides**

Simulation tools and an EIC/eRHIC dedicated detector

Wednesday, 6 June 2018 09:30 (15 minutes)

Summary

Presenter: KISELEV, Alexander (Brookhaven National Laboratory)

Session Classification: EIC DETECTOR AND SIMULATIONS

Contribution ID: 23

Type: **not specified**

The EIC-sPHENIX Project

Wednesday, 6 June 2018 09:45 (15 minutes)

Summary

Presenter: FEEGE, Nils (Stony Brook University)

Session Classification: EIC DETECTOR AND SIMULATIONS

Contribution ID: 24

Type: **Slides**

J/psi near threshold with JLab12

Wednesday, 6 June 2018 11:00 (30 minutes)

Summary

Presenter: PAREMUSYAN, Rafayel (University Of New Hampshire)

Session Classification: J/PSI PRODUCTION NEAR THRESHOLD / BACKWARD MESON PRODUCTION

Contribution ID: 25

Type: **Slides**

J/psi and Upsilon production at JLab12 and EIC

Wednesday, 6 June 2018 11:30 (30 minutes)

Summary

Presenter: JOOSTEN, Sylvester (Temple University)

Session Classification: J/PSI PRODUCTION NEAR THRESHOLD / BACKWARD MESON PRODUCTION

Contribution ID: 26

Type: **Slides**

Backward meson production

Wednesday, 6 June 2018 12:00 (30 minutes)

Summary

Presenter: LI, Wenliang (College of William and Mary)

Session Classification: J/PSI PRODUCTION NEAR THRESHOLD / BACKWARD MESON PRODUCTION

Contribution ID: 27

Type: **Slides**

Timelike Compton scattering and related processes

Wednesday, 6 June 2018 14:00 (40 minutes)

Summary

Presenter: WAGNER, Jakub (National Centre for Nuclear Research)

Session Classification: GPDs IN COMPTON-LIKE PROCESSES

Contribution ID: 28

Type: **not specified**

Accessing GPDs through exclusive photo- and electro-production of lepton pairs

Wednesday, 6 June 2018 14:40 (20 minutes)

Summary

Presenter: BOER, Marie (CUA)

Session Classification: GPDs IN COMPTON-LIKE PROCESSES

Contribution ID: 29

Type: **not specified**

Exclusive two-pion production in sigma channel

Wednesday, 6 June 2018 12:30 (15 minutes)

Presenter: BULUMULLA, Dilini (Old Dominion U.)

Session Classification: J/PSI PRODUCTION NEAR THRESHOLD / BACKWARD MESON PRODUCTION