

Physics Opportunities at an Electron-Ion Collider

POETIC2013

Report of Contributions

Contribution ID: 23

Type: **not specified**

Theoretical remarks on Drell-Yan production at small x

Friday, 8 March 2013 10:00 (50 minutes)

Presenter: BARTELS, Joachim (II.Inst. Theory. Physics, University Hamburg)

Contribution ID: 24

Type: **not specified**

eA Physics with the LHeC

Friday, 8 March 2013 10:50 (50 minutes)

Presenter: STASTO, Anna (Penn State University & RIKEN BNL)

Contribution ID: 25

Type: **not specified**

Imaging partons at EIC: what, why and how

Monday, 4 March 2013 11:00 (50 minutes)

Presenter: DIEHL, Markus (DESY)

Contribution ID: 26

Type: **not specified**

Proton structure functions at small x : recent results using NLO BFKL and DGLAP evolution

Friday, 8 March 2013 15:30 (35 minutes)

Presenter: HENTSCHINSKI, Martin (BNL)

Contribution ID: 27

Type: **not specified**

Exclusive processes at HERA and EIC from color dipole model.

Monday, 4 March 2013 16:10 (40 minutes)

Presenter: SIDDIKOV, Marat (UTFSM)

Contribution ID: 28

Type: **not specified**

Some CGC predictions for p+A run at the LHC and their implications for EIC

Monday, 4 March 2013 17:10 (40 minutes)

Presenter: REZAEIAN, Amir (UTFSM)

Contribution ID: 29

Type: **not specified**

Challenges in the spin and flavor structure of PDFs

Tuesday, 5 March 2013 10:00 (50 minutes)

Presenter: THOMAS, Anthony (University of Adelaide)

Contribution ID: **30**

Type: **not specified**

The helicity structure of the nucleon

Tuesday, 5 March 2013 10:50 (50 minutes)

Presenter: ASCHENAUER, Elke-Caroline (BNL)

Contribution ID: **31**

Type: **not specified**

QCD resummation for semi-inclusive hadron production processes

Tuesday, 5 March 2013 12:30 (50 minutes)

Presenter: VOGELSANG, Werner (Institute for Theoretical Physics, Tuebingen University)

Contribution ID: 32

Type: **not specified**

The Nucleon Spin Sum Rule

Tuesday, 5 March 2013 13:20 (50 minutes)

Presenter: BURKARDT, Matthias (New Mexico State University)

Contribution ID: **33**

Type: **not specified**

HERMES overview

Tuesday, 5 March 2013 15:30 (45 minutes)

Presenter: SCHNELL, Gunar (University of the Basque Country UPV/EHU, Bilbao)

Contribution ID: 34

Type: **not specified**

DIS With Polarized and Unpolarized Deuterons

Tuesday, 5 March 2013 16:15 (35 minutes)

Presenter: KUHN, Sebastian (Jefferson Lab)

Contribution ID: 35

Type: **not specified**

Single spin asymmetry in large P_T open charm production at EIC and twist-three multi-gluon correlations in the nucleon

Tuesday, 5 March 2013 17:05 (35 minutes)

Presenter: TANAKA, Kazuhiro (Juntendo University)

Contribution ID: **36**

Type: **not specified**

PDFs from the LHeC and the LHC Search Program

Tuesday, 5 March 2013 17:40 (35 minutes)

Presenter: RADESCU, Voica (DESY)

Contribution ID: 37

Type: **not specified**

Light-Front QCD, Conformal Invariance, and Electron-Ion Collisions

Wednesday, 6 March 2013 10:00 (50 minutes)

Presenter: BRODSKY, Stanley (SLAC National Accelerator Laboratory, Stanford University)

Contribution ID: **38**

Type: **not specified**

A peculiar quantum entanglement of glue: long range correlations and the p+p/p+A ridge at the LHC

Wednesday, 6 March 2013 10:50 (50 minutes)

Presenter: VENUGOPALAN, Raju (BNL)

Contribution ID: 39

Type: **not specified**

High luminosity electron-hadron collider eRHIC

Thursday, 7 March 2013 10:00 (50 minutes)

Primary author: LITVINENKO, Vladimir (BNL)

Presenter: LITVINENKO, Vladimir (BNL)

Contribution ID: 40

Type: **not specified**

Project of the Electron-Ion Collider at Jefferson Laboratory

Thursday, 7 March 2013 10:50 (50 minutes)

Presenter: DERBENEV, Yaroslav (Jefferson Lab)

Contribution ID: 41

Type: **not specified**

Detector Design Considerations for eRHIC

Thursday, 7 March 2013 12:30 (50 minutes)

Presenter: ASCHENAUER, Elke-Caroline

Contribution ID: 42

Type: **not specified**

The LHeC Detector Design Concept

Thursday, 7 March 2013 13:20 (50 minutes)

Presenter: POLINI, Alessandro (INFN Bologna)

Contribution ID: 43

Type: **not specified**

Nucleon/nuclear structure functions at the EIC or Physics at large x in $e+A$.

Thursday, 7 March 2013 16:10 (40 minutes)

Presenter: ACCARDI, Alberto (Hampton University/Jefferson Lab)

Contribution ID: 44

Type: **not specified**

Using slow protons in e-A at an EIC

Thursday, 7 March 2013 17:40 (35 minutes)

Presenter: DUPRE, Raphael (IPN Orsay)

Contribution ID: 45

Type: **not specified**

Diffractive studies with EIC

Monday, 4 March 2013 13:10 (50 minutes)

Presenter: LAPPI, Tuomas (University of Jyvaskyla, Department of Physics)

Contribution ID: 46

Type: **not specified**

An Overview of the LHeC

Monday, 4 March 2013 12:20 (50 minutes)

Presenter: LAYCOCK, Paul (University of Liverpool)

Contribution ID: 47

Type: **not specified**

Diffractive studies with EIC

Friday, 8 March 2013 12:30 (45 minutes)

Presenter: TOLL, Tobias (BNL)

Contribution ID: 48

Type: **not specified**

Diffraction and forward physics in ep collisions at the LHeC

Friday, 8 March 2013 13:15 (45 minutes)

Presenter: VAN MECHELEN, Pierre (University of Antwerp)

Contribution ID: 49

Type: **not specified**

Diffractive electroproduction of vector mesons on nuclei at EIC

Monday, 4 March 2013 15:30 (40 minutes)

Presenter: NEMCHIK, Jan (Czech Technical University in Prague)

Contribution ID: 50

Type: **not specified**

Gluon shadowing

Friday, 8 March 2013 16:05 (35 minutes)

Presenter: KOPELIOVICH, Boris (UTFSM)

Contribution ID: 51

Type: **not specified**

POETIC summary

Friday, 8 March 2013 17:00 (50 minutes)

Presenter: BROOKS, William (UTFSM)

Contribution ID: 52

Type: **not specified**

Event shape analysis of exclusive jet production in nuclear deep inelastic scattering

Thursday, 7 March 2013 17:05 (35 minutes)

Presenter: MANTRY, Sonny (Northwestern University and Argonne National Lab)

Contribution ID: 54

Type: **not specified**

e-A at Large x: Applying Parton Propagation Methods to Investigate QCD Fragmentation, Quantum Fluctuations, and Heavy Quark Energy Loss

Thursday, 7 March 2013 15:30 (40 minutes)

Presenter: BROOKS, William (UTFSM)

Contribution ID: 55

Type: **not specified**

Introductory Talks

Monday, 4 March 2013 10:30 (30 minutes)

Contribution ID: 56

Type: **not specified**

Rho-meson resonance broadening in QCD at finite temperature

Wednesday, 6 March 2013 12:00 (40 minutes)

Presenter: LOEWE, Marcelo (Pontificia Universidad Católica de Chile)