

Short-range nuclear correlations at an Electron-Ion Collider



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome Message

Wednesday, 5 September 2018 09:00 (5 minutes)

Presenter: TRIBBLE, Bob (BNL)

Contribution ID: 1

Type: **not specified**

Brief recap of CUA Workshop

Wednesday, 5 September 2018 09:05 (10 minutes)

Presenters: QIU, Jianwei (JLab); VENUGOPALAN, Raju (BNL)

Contribution ID: 2

Type: **not specified**

Short-range correlations: overview of recent results

Wednesday, 5 September 2018 09:15 (40 minutes)

Presenter: HEN, Or

Contribution ID: 3

Type: **not specified**

Nucleon and nucleon-pair correlations in $A \leq 12$ nuclei

Wednesday, 5 September 2018 16:30 (40 minutes)

Presenter: WIRINGA, Robert

Contribution ID: 4

Type: **not specified**

Quark-gluon dynamics of short-ranged nuclear correlations and how to observe it at the EIC

Wednesday, 5 September 2018 10:55 (40 minutes)

Presenter: STRIKMAN, Mark

Contribution ID: 5

Type: **not specified**

Multi-particle correlations in collisions with small nuclei

Wednesday, 5 September 2018 11:35 (40 minutes)

Presenter: SCHENKE, Bjoern

Contribution ID: 6

Type: **not specified**

Transverse motion of quarks in nuclei

Wednesday, 5 September 2018 15:50 (40 minutes)

Presenter: CLOET, Ian

Contribution ID: 7

Type: **not specified**

Short-range correlations and the EMC effect in an EFT approach

Wednesday, 5 September 2018 17:10 (40 minutes)

Presenter: CHEN, Jiunn-Wei

Contribution ID: 8

Type: **not specified**

High-resolution probes of low-resolution nuclei

Wednesday, 5 September 2018 13:30 (40 minutes)

Presenter: FURNSTAHL, Richard

Contribution ID: 9

Type: **not specified**

Ab initio and empirical approaches to quantify short-range correlations in nuclei and nuclear matter

Wednesday, 5 September 2018 14:10 (40 minutes)

Presenter: DICKHOFF, Willem

Contribution ID: **10**

Type: **not specified**

Light-cone PDFs from Lattice QCD

Wednesday, 5 September 2018 14:50 (40 minutes)

Presenter: CONSTANTINOU, Martha

Contribution ID: **11**

Type: **not specified**

Perspectives on short-distance phenomena in nuclei

Wednesday, 5 September 2018 09:55 (40 minutes)

Presenter: VARY, James

Contribution ID: 12

Type: **not specified**

Light front wavefunctions of nucleons and nuclei and short-range correlations within

Thursday, 6 September 2018 09:00 (40 minutes)

Presenter: MILLER, Gerald

Contribution ID: 13

Type: **not specified**

Spectator tagging and bound nucleon structure at Jlab

Thursday, 6 September 2018 09:40 (40 minutes)

Presenter: WEINSTEIN, Lawrence

Contribution ID: 14

Type: **not specified**

From mean-field to short range correlated pairs

Thursday, 6 September 2018 10:40 (40 minutes)

Presenter: DUPRE, Raphael

Contribution ID: 15

Type: **not specified**

Deuteron GPDs in a covariant framework

Thursday, 6 September 2018 11:20 (40 minutes)

Presenter: FREESE, Adam

Contribution ID: **16**

Type: **not specified**

Electron and neutrino scattering from correlated nucleon pairs

Thursday, 6 September 2018 13:30 (40 minutes)

Presenter: CARLSON, Joe

Contribution ID: 17

Type: **not specified**

Accessing the Wigner distribution in diffractive di-jet production

Thursday, 6 September 2018 14:10 (40 minutes)

Presenter: HATTA, Yoshitaka

Contribution ID: **18**

Type: **not specified**

Exploring short-range correlations effects with quantum Monte-Carlo and local chiral interactions

Thursday, 6 September 2018 14:50 (40 minutes)

Presenter: LONARDONI, Diego

Contribution ID: **19**

Type: **not specified**

SRCs @ EIC: Challenges in forward detection and simulation

Thursday, 6 September 2018 15:50 (40 minutes)

Presenter: BAKER, Mark

Contribution ID: **20**

Type: **not specified**

Forward nucleon tagging at EIC

Thursday, 6 September 2018 16:30 (40 minutes)

Presenter: LEE, J.H. (Brookhaven National Laboratory)

Contribution ID: **21**

Type: **not specified**

Rare isotopes at the EIC

Thursday, 6 September 2018 17:10 (40 minutes)

Presenter: NADEL-TURONSKI, Pawel (Jefferson Lab)

Contribution ID: 22

Type: **not specified**

Extracting color charge form factors from exclusive DIS at large x

Friday, 7 September 2018 09:00 (40 minutes)

Presenter: DUMITRU, Adrian

Contribution ID: 23

Type: **not specified**

Short-range interactions and multiparticle correlations in collisions of small systems

Friday, 7 September 2018 09:40 (40 minutes)

Presenter: MACE , Mark

Contribution ID: 24

Type: **not specified**

DIS on the deuteron with spectator tagging: Theory, applications, simulations

Friday, 7 September 2018 10:40 (40 minutes)

Presenter: WEISS, Christian

Contribution ID: 25

Type: **not specified**

Probing super-fast quarks in e+A processes

Friday, 7 September 2018 11:20 (40 minutes)

Presenter: SARGSIAN, Misak

Contribution ID: **26**

Type: **not specified**

Homework problems

Friday, 7 September 2018 12:00 (15 minutes)

Presenters: YOSHIDA, Rik; ULLRICH, Thomas

Contribution ID: 27

Type: **not specified**

Concluding remarks

Friday, 7 September 2018 12:15 (10 minutes)

Presenter: DESHPANDE, Abhay (Stony Brook University)

Contribution ID: **28**

Type: **not specified**

Session Chair: NN