

Workshop: RHIC Science Programs Informative Toward EIC in the Coming Years



Report of Contributions

Contribution ID: 1

Type: **not specified**

Overview of UPC photon physics from April CFNS workshop

Monday, 24 May 2021 10:00 (40 minutes)

Presenter: TU, Zhoudunming (BNL)

Session Classification: New Opportunities at Photon Physics

Contribution ID: 2

Type: **not specified**

Overview of UPC snowmass LoI physics cases

Monday, 24 May 2021 10:40 (40 minutes)

Presenter: PRZYBYCIEN, Mariusz (AGH University of Science and Technology)

Session Classification: New Opportunities at Photon Physics

Contribution ID: 3

Type: **not specified**

Measurements of strong QED interactions at RHIC and LHC

Monday, 24 May 2021 11:20 (40 minutes)

Presenter: YANG, Shuai (RICE)

Session Classification: New Opportunities at Photon Physics

Contribution ID: 4

Type: **not specified**

Flow signals and physics in small-system collisions

Monday, 24 May 2021 12:15 (40 minutes)

Presenter: BELMONT, Ron (University of North Carolina Greensboro)

Session Classification: Collectivity in small-system collisions

Contribution ID: 5

Type: **not specified**

Inclusive photon-nucleus collisions

Monday, 24 May 2021 12:55 (30 minutes)

Presenter: TRIBEDY, Prithwish (BNL)

Session Classification: Collectivity in small-system collisions

Contribution ID: 6

Type: **not specified**

Dihadron correlations and implication of gluon saturation

Monday, 24 May 2021 13:25 (30 minutes)

Presenter: CHU, Xiaoxuan (BNL)

Session Classification: Collectivity in small-system collisions

Contribution ID: 7

Type: **not specified**

Collision system scan and future perspectives with STAR detector

Monday, 24 May 2021 13:55 (40 minutes)

Presenter: JIANGYONG, Jia (Stony Brook University)

Session Classification: Collectivity in small-system collisions

Contribution ID: 8

Type: **not specified**

Theory of Transverse/forward spin physics at RHIC

Tuesday, 25 May 2021 10:00 (40 minutes)

Presenter: KANG, Zhongbo (UCLA)

Session Classification: Transverse Spin

Contribution ID: 9

Type: **not specified**

Linearly polarized photon-gluon collisions

Tuesday, 25 May 2021 10:40 (40 minutes)

Presenter: BRANDENBURG, Daniel (Brookhaven National Laboratory)

Session Classification: Transverse Spin

Contribution ID: **10**

Type: **not specified**

RHIC spin capabilities

Tuesday, 25 May 2021 11:20 (40 minutes)

Presenter: FATEMI, Renee (University of Kentucky)

Session Classification: Transverse Spin

Contribution ID: **11**

Type: **not specified**

Initial Conditions and Gluon Distributions

Wednesday, 26 May 2021 12:30 (30 minutes)

Presenter: SCHENKE, Bjoern (BNL)

Session Classification: Discussions (workshop goals)

Contribution ID: **12**

Type: **not specified**

Spin Physics topics

Wednesday, 26 May 2021 13:00 (30 minutes)

Presenter: AIDALA, Christine (Michigan)

Session Classification: Discussions (workshop goals)

Contribution ID: 13

Type: **not specified**

Small-System observables

Wednesday, 26 May 2021 13:30 (30 minutes)

Presenter: REED, Rosi (Lehigh University)

Session Classification: Discussions (workshop goals)

Contribution ID: **14**

Type: **not specified**

UPC and QED

Wednesday, 26 May 2021 14:00 (30 minutes)

Presenter: ZHOU, Jian (Shandong University)

Session Classification: Discussions (workshop goals)

Contribution ID: 15

Type: **not specified**

Hard Probes, New and Open Questions

Wednesday, 26 May 2021 14:30 (30 minutes)

Presenter: HUANG, Jin (Brookhaven National Lab)

Session Classification: Discussions (workshop goals)

Contribution ID: 16

Type: **not specified**

Theory of Hard Probes from RHIC to EIC

Tuesday, 25 May 2021 12:40 (40 minutes)

Presenter: VITEV, Ivan (LANL)

Session Classification: Hard Probes

Contribution ID: 17

Type: **not specified**

Heavy Flavor measurements from RHIC to EIC

Tuesday, 25 May 2021 13:20 (40 minutes)

Presenter: DONG, Xin (Lawrence Berkeley National Laboratory)

Session Classification: Hard Probes

Contribution ID: **18**

Type: **not specified**

photon-jets and dijets from RHIC to EIC

Tuesday, 25 May 2021 14:00 (40 minutes)

Presenter: OSBORN, Joe (Oak Ridge National Laboratory)

Session Classification: Hard Probes

Contribution ID: **19**

Type: **not specified**

sPHENIX perspectives

Tuesday, 25 May 2021 14:40 (40 minutes)

Presenter: LAJOIE, John (Iowa State University)

Session Classification: Hard Probes

Contribution ID: 20

Type: **not specified**

Quantum Entanglement in QCD

Wednesday, 26 May 2021 10:00 (40 minutes)

Presenter: KHARZEEV, Dmitri (Stony Brook University and BNL)

Session Classification: New and Open

Contribution ID: 21

Type: **not specified**

Glueball/Odderon/Exotics search

Wednesday, 26 May 2021 10:40 (40 minutes)

Presenter: GURYN, Wlodek (BNL)

Session Classification: New and Open

Contribution ID: 22

Type: **not specified**

Theory of strong QED field at RHIC

Wednesday, 26 May 2021 11:20 (40 minutes)

Presenter: Prof. HATTORI, Koichi (Kyoto University)

Session Classification: New and Open