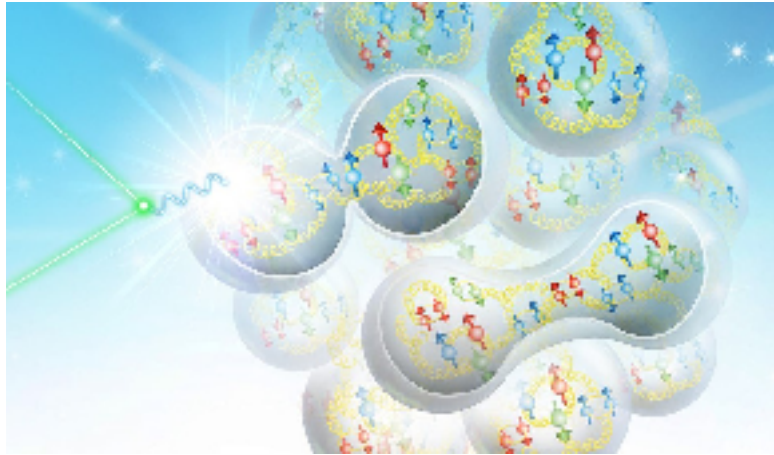


# Exploring QCD with Tagged Processes



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **J/Psi Production**

*Tuesday, October 12, 2021 10:30 AM (45 minutes)*

**Presenter:** YEDELKINA, Yelyzaveta (Paris-Saclay University, IJCLab Orsay)

**Session Classification:** Seminar

Contribution ID: 2

Type: **not specified**

## Tagging from JLab to EIC

*Monday, October 11, 2021 2:45 PM (1 hour)*

**Presenter:** DUPRE, Raphaël (IJCLab - CNRS - Univ. Paris-Saclay)

**Session Classification:** Seminar

Contribution ID: 3

Type: **not specified**

## **Drilling into the $4\text{He}$ nucleus with Deeply Virtual Compton Scattering**

*Wednesday, October 13, 2021 11:00 AM (1 hour)*

**Presenter:** FUCINI, Sara (IJCLab, CNRS- Université Paris-Saclay)

**Session Classification:** Seminar

Contribution ID: 4

Type: **not specified**

## J/Psi in UPC

*Tuesday, October 12, 2021 11:15 AM (45 minutes)*

**Presenter:** LYNCH, Kate (IJCLab)

**Session Classification:** Seminar

Contribution ID: 5

Type: **not specified**

## **Incoherent nuclear DVCS**

*Wednesday, October 13, 2021 2:30 PM (1 hour)*

**Presenter:** EHRHART, Mathieu (Université Paris-Saclay)

**Session Classification:** Seminar

Contribution ID: 6

Type: **not specified**

## Pion GPDs

*Thursday, October 14, 2021 11:00 AM (1 hour)*

**Presenter:** MORGADO CHAVEZ, Jose Manuel (Universidad de Huelva)

**Session Classification:** Seminar

Contribution ID: 7

Type: **not specified**

## **Pion DVCS at EIC**

*Thursday, October 14, 2021 2:30 PM (1 hour)*

**Presenter:** DEFURNE, Maxime (CEA Saclay)

**Session Classification:** Seminar



Contribution ID: 8

Type: **not specified**

## **Geometrical Tagging from FermiLab to EIC**

*Friday, October 15, 2021 11:00 AM (1 hour)*

**Presenter:** ROBLES GAJARDO, Carolina (UTFSM)

**Session Classification:** Seminar

Contribution ID: 9

Type: **not specified**

## **Nuclear structure functions**

*Tuesday, October 19, 2021 2:30 PM (25 minutes)*

**Presenter:** THOMAS, Anthony (University of Adelaide)

**Session Classification:** Session

Contribution ID: **10**

Type: **not specified**

## **Tagged DVCS with ALERT**

*Tuesday, October 19, 2021 3:45 PM (25 minutes)*

**Presenter:** ARMSTRONG, Whitney (Argonne National Laboratory)

**Session Classification:** Session

Contribution ID: 11

Type: **not specified**

## **BeAGLE MC from EIC to JLAB**

*Thursday, October 21, 2021 3:20 PM (25 minutes)*

**Presenter:** BAKER, Mark (MDBPADS LLC)

**Session Classification:** Session

Contribution ID: 12

Type: **not specified**

## Double parton interactions

*Wednesday, October 20, 2021 4:25 PM (25 minutes)*

**Presenter:** BLOK, Boris (Technion)

**Session Classification:** Session

Contribution ID: 13

Type: **not specified**

## The ALERT detector

*Wednesday, October 20, 2021 5:15 PM (25 minutes)*

**Presenter:** CAUSSE, Lucien

**Session Classification:** Session

Contribution ID: 14

Type: **not specified**

## Recent results on EMC effect

*Tuesday, October 19, 2021 3:20 PM (25 minutes)*

**Presenter:** CLOET, Ian (Argonne National Laboratory)

**Session Classification:** Session

Contribution ID: 15

Type: **not specified**

## Tagging on polarized deuterium

*Monday, October 18, 2021 5:15 PM (25 minutes)*

**Presenter:** COSYN, Wim (Florida International University)

**Session Classification:** Session



Contribution ID: 16

Type: **not specified**

## Exploring Final State Interactions in QCD at Large Momentum Transfers

*Friday, October 22, 2021 3:45 PM (25 minutes)*

**Presenter:** DUTTA, Dipangkar (Mississippi State University)

**Session Classification:** Session

Contribution ID: 17

Type: **not specified**

## **Chasing QCD Signatures in Nuclei with Lambda Fragmentation Study**

*Friday, October 22, 2021 5:40 PM (25 minutes)*

**Presenter:** EL FASSI, Lamiaa (Mississippi State University)

**Session Classification:** Session

Contribution ID: **18**

Type: **not specified**

## **HIGS Results**

*Friday, October 22, 2021 2:30 PM (25 minutes)*

**Presenter:** GAO, Haiyan (BNL and Duke University)

**Session Classification:** Session

Contribution ID: 19

Type: **not specified**

## Recent results with Short Range Correlations

*Tuesday, October 19, 2021 4:25 PM (25 minutes)*

**Presenter:** HEN, Or (MIT)

**Session Classification:** Session

Contribution ID: 20

Type: **not specified**

## Meson structure function measurements at EIC

*Friday, October 22, 2021 2:55 PM (25 minutes)*

**Presenter:** HORN, Tanja (The Catholic University of America)

**Session Classification:** Session

Contribution ID: 21

Type: **not specified**

## **Prospects and Considerations for Spectator Tagging at the EIC**

*Thursday, October 21, 2021 2:30 PM (25 minutes)*

**Presenter:** JENTSCH, Alexander (Brookhaven National Lab)

**Session Classification:** Session

Contribution ID: 22

Type: **not specified**

## **A Brief History of Tagging Measurements at JLab**

*Monday, October 18, 2021 2:55 PM (25 minutes)*

**Presenter:** KUHN, Sebastian (Old Dominion University)

**Session Classification:** Session

Contribution ID: 23

Type: **not specified**

## **Pion PDFs from JAM global QCD analysis**

*Wednesday, October 20, 2021 2:55 PM (25 minutes)*

**Presenter:** MELNITCHOUK, Wally (Jefferson Lab)

**Session Classification:** Session



Contribution ID: 24

Type: **not specified**

## **Development of a polarized He-3 ion source and target using high-field optical pumping**

*Monday, October 18, 2021 3:45 PM (25 minutes)*

**Presenter:** MILNER, Richard (MIT)

**Session Classification:** Session

Contribution ID: 25

Type: **not specified**

## Tagging at the EIC - why a 2 nd focus?

*Thursday, October 21, 2021 2:55 PM (25 minutes)*

**Presenter:** NADEL-TURONSKI, Pawel (Stony Brook University)

**Session Classification:** Session

Contribution ID: 26

Type: **not specified**

## Neutron DVCS

*Thursday, October 21, 2021 5:15 PM (25 minutes)*

**Presenter:** NICCOLAI, Silvia (IJCLab)

**Session Classification:** Session

Contribution ID: 27

Type: **not specified**

## **Helium-3 onto the null-plane: a Poincaré covariant view**

*Monday, October 18, 2021 4:50 PM (25 minutes)*

**Presenter:** SALMÈ, Giovanni (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Session

Contribution ID: 28

Type: **not specified**

## **Spectator-Tagged DIS on (polarized) $^3\text{He}$**

*Monday, October 18, 2021 4:25 PM (25 minutes)*

**Presenter:** SCOPETTA, Sergio (Perugia University and INFN Perugia)

**Session Classification:** Session

Contribution ID: 29

Type: **not specified**

## Color Transparency at Jefferson Lab

*Friday, October 22, 2021 3:20 PM (25 minutes)*

**Presenter:** SZUMILA-VANCE, Holly (Jefferson Lab)

**Session Classification:** Session

Contribution ID: **30**

Type: **not specified**

## **Deuteron tagging at EIC**

*Thursday, October 21, 2021 3:45 PM (25 minutes)*

**Presenter:** TU, Zhoudunming (BNL)

**Session Classification:** Session

Contribution ID: 31

Type: **not specified**

## **Final-state interactions in tagged deuteron DIS**

*Monday, October 18, 2021 3:20 PM (25 minutes)*

**Presenter:** WEISS, Christian (Jefferson Lab)

**Session Classification:** Session



Contribution ID: 32

Type: **not specified**

## **Proton production in target region for high A**

*Friday, October 22, 2021 5:15 PM (25 minutes)*

**Presenter:** WOOD, Michael (Canisius College)

**Session Classification:** Session

Contribution ID: 33

Type: **not specified**

## **Light front dynamics of target fragmentation**

*Tuesday, October 19, 2021 2:55 PM (25 minutes)*

**Presenter:** STRIKMAN, Mark (UPenn)

**Session Classification:** Session

Contribution ID: 34

Type: **not specified**

## **Tagged DIS and Offshell Dynamics in QCD Fits**

*Wednesday, October 20, 2021 4:50 PM (25 minutes)*

**Presenter:** LI, Shujie (LBL)

**Session Classification:** Session

Contribution ID: 35

Type: **not specified**

## Diffraction with the EIC

*Friday, October 22, 2021 4:50 PM (25 minutes)*

**Presenter:** STASTO, Anna (Penn State)

**Session Classification:** Session

Contribution ID: **36**

Type: **not specified**

## **LAD experiment in Hall C**

*Tuesday, October 19, 2021 5:15 PM (25 minutes)*

**Presenter:** SCHMIDT, Axel (George Washington U)

**Session Classification:** Session

Contribution ID: 37

Type: **not specified**

## Off-shell pions and kaons

*Wednesday, October 20, 2021 2:30 PM (25 minutes)*

**Presenter:** ROBERTS, Craig (Nanjing U.)

**Session Classification:** Session

Contribution ID: **38**

Type: **not specified**

## **The BONUS detector**

*Thursday, October 21, 2021 5:40 PM (25 minutes)*

**Presenter:** CHRISTY, Eric (Hampton U.)

**Session Classification:** Session

Contribution ID: 40

Type: **not specified**

## Seeing nuclear pions at the EIC?

*Tuesday, October 19, 2021 5:40 PM (25 minutes)*

**Presenter:** MILLER, Gerald (U of Washington)

**Session Classification:** Session



Contribution ID: 41

Type: **not specified**

## **Tagging and SRC from JLab to EIC**

*Tuesday, October 19, 2021 4:50 PM (25 minutes)*

**Presenter:** HIGINBOTHAM, Douglas (JLab)

**Session Classification:** Session

Contribution ID: 43

Type: **not specified**

## **Pion and kaon studies**

*Wednesday, October 20, 2021 3:20 PM (25 minutes)*

**Presenter:** QIU, Jianwei (JLab)

**Session Classification:** Session

Contribution ID: 44

Type: **not specified**

## **Jets at the EIC**

*Friday, October 22, 2021 4:25 PM (25 minutes)*

**Presenter:** VITEV, Ivan (LANL)

**Session Classification:** Session

Contribution ID: 46

Type: **not specified**

## **Helium-3 at the EIC: Neutron spin study using double spectator tagging**

*Thursday, October 21, 2021 4:25 PM (25 minutes)*

**Presenter:** NGUYEN, Dien (Jefferson Lab)

**Session Classification:** Session

Contribution ID: 47

Type: **not specified**

## The pion and kaon structure at JLab in 12GeV era

*Thursday, October 21, 2021 4:50 PM (25 minutes)*

**Presenter:** MONTGOMERY, Rachel (Glasgow U.)

**Session Classification:** Session

Contribution ID: 48

Type: **not specified**

## Exploring QCD with Tagged Processes

*Monday, October 18, 2021 2:30 PM (25 minutes)*

**Session Classification:** Introduction