

2021 EIC UG Meeting
Early Career Workshop
July 29-30, 2021

We are pleased to announce the 2021 EIC UG Meeting Early Career workshop. This event, dedicated to students and postdocs but open to everyone, will be held on July 29-30, 2021, the Thursday and Friday before the annual EIC User Group meeting.

Aims of the workshop:

- Increase the visibility of EIC-related contributions from students and postdocs.
- Offer a platform for students and postdocs to connect and exchange knowledge.
- Provide a venue to present and discuss EIC physics, detector, and accelerator science ahead of the User group meeting.

<https://indico.jlab.org/event/438>



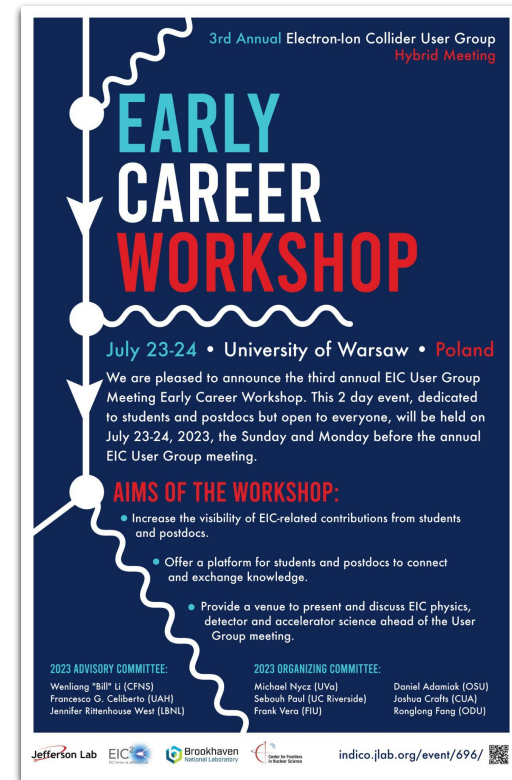
2nd Annual 2022 EIC UG Hybrid Meeting
EARLY CAREER WORKSHOP
July 24-25, 2022 • Stony Brook University, NY, USA

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<https://indico.jlab.org/event/485/>



3rd Annual Electron-Ion Collider User Group Hybrid Meeting
EARLY CAREER WORKSHOP
July 23-24 • University of Warsaw • Poland

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2023 ADVISORY COMMITTEE:
Wenliang "Bill" Li (CFNS)
Francesco G. Celiberto (UAH)
Jennifer Rittenhouse West (LBNL)

2023 ORGANIZING COMMITTEE:
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Sebahou Paul (UC Riverside)
Frank Vera (FIU)

Daniel Adamiak (OSU)
Joshua Crafts (CUA)
Ronglang Fang (ODU)

indico.jlab.org/event/696/

2021-2023 EICUG Early Career Workshop

Francesco Giovanni Celiberto
on behalf of JLab EIC² Fellows from 2020-2022

Table of Content

- **EICUG Early Career Workshop from 2021 to 2023**
- **Organizational Scheme**
- **Funding Scheme**
- **Future Outlook**

EICUG Early Career Workshop

- **Initiated by the JLab EIC² Postdoc and student fellows**
 - Since 2021 (after the Yellow Report draft)
- **Organized, host, supported by the EIC Early Career members**
 - Attracted funding from the JLab, BNL, CFNS, JSA, and EPJ
- **Three successful events**
 - 2021 Virtually
 - 2022 @ CFNS, Stony Brook
 - 2023 @ Warsaw



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Early Career Workshop 2021

2020 EIC² Research Fellows

Postdoctoral research fellows



Charlotte Van Hulse
Orsay, France



Wenliang (Bill) Li
William & Mary, Virginia



Jennifer Rittenhouse West
LBNL, California

Graduate student fellows



Chiara Bissolotti
Pavia, Italy

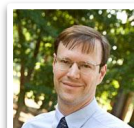


Bhawin Dhital
Old Dominion University, Virginia



Jackson Pybus
MIT, Massachusetts

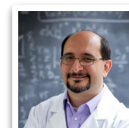
Senior scientist resources for us:



Douglas Higinbotham
Jefferson Lab



Miguel Arratia
UCR, California



Narbe Kalantarians
VUU, Virginia



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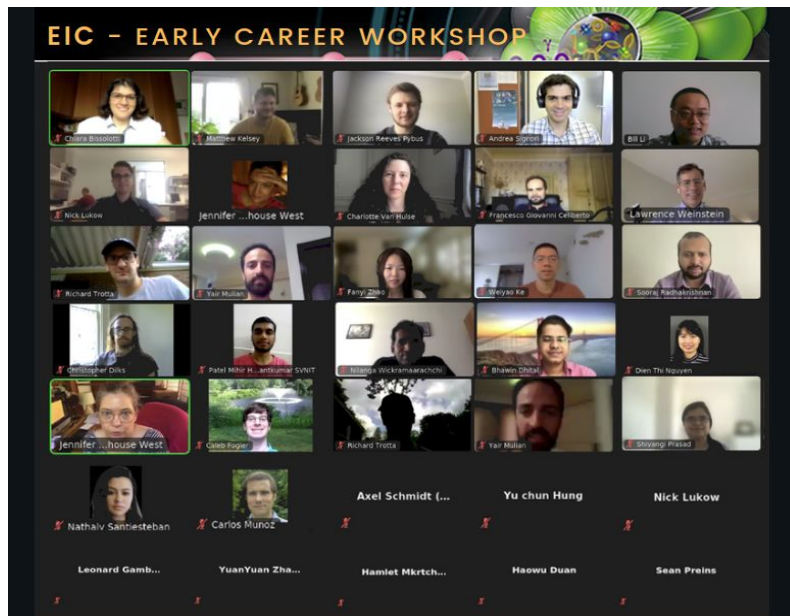
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General Info:

- 27 submitted abstracts
- 3 invited speakers for special sessions
- 120 registered participants
- Average per session attendance: ~30

A virtual event: <https://indico.jlab.org/event/438/>





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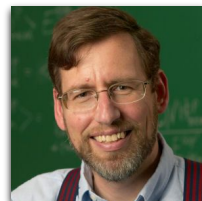
Early Career Workshop 2021

Special Invited Speakers



Andrei Seryi, JLab 🇺🇸
Accelerator physics

Andrea Signori, Pavia 🇮🇹 & **JLab** 🇺🇸
**Opportunities for hadron structure studies
at the EIC**



Lawrence Weinstein, Old Dominion U. 🇺🇸
Data visualization

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Early Career Workshop 2022



EIC Center at Jefferson Lab

2020 and 2021 EIC² Research Fellows



Charlotte Van Hulse
Orsay, France



Chiara Bissolotti
Pavia, Italy



Wenliang (Bill) Li
William & Mary, Virginia



Bhawin Dhital
Old Dominion University, Virginia



Jennifer Rittenhouse West
Berkeley Lab



Jackson Pybus
MIT, Massachusetts



Salina Ali
University of Virginia



Christine Ploen
Old Dominion University, Virginia



Alexandr 'Sasha' Bylinkin
University of Virginia



Richard Trotta
Catholic University of America, Washington DC



Francesco Giovanni Celiberto
ECT^{*}/FBK, Trento, Italy



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General Info:

- 20+ submitted abstracts
- 4 invited speakers for special sessions
- ~100 registered participants
- 3 best student presentation awards
+ 1 flash presentation award

In person hybrid event at CFNS, Stony Brook:

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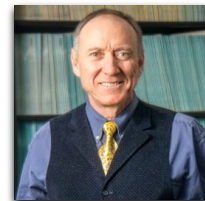
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Early Career Workshop 2022

Special Invited Speakers

Craig Roberts, Nanjing 
On mass and matter




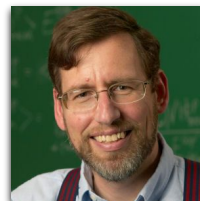
Michael Blaskiewicz, BNL 
EIC accelerator overview



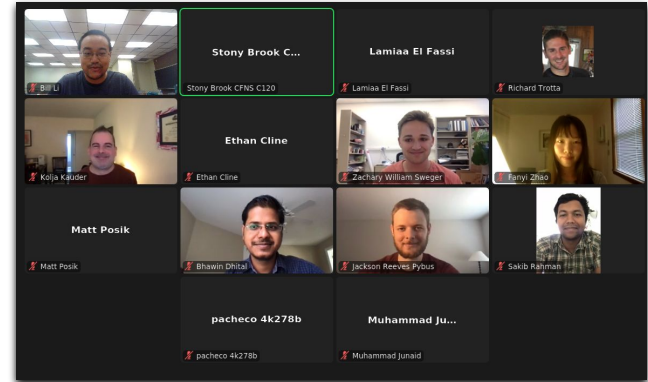
George Sterman, Stony Brook 
Jet physics



Lawrence Weinstein, Old Dominion U. 
Guestimation and data analysis



Participants Group Photos ECW 2023



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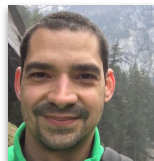
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Early Career Workshop 2023



2022 EIC² Research Fellows



Frank Vera
Florida International
University, Florida



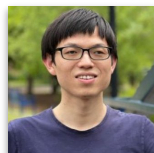
Michael Nycz
University of Virginia,
Virginia



Sebouh Paul
UC Riverside,
California



Daniel Adamiak
Ohio State University, Ohio



Ronglong Fang
Old Dominion
University, Virginia



Joshua Crafts
The Catholic University of
America, DC

Program Advisors: Fellows from 2021 and 2022
Executive Advisor: Douglas Higinbotham

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General Info:

- 20+ submitted abstracts
- 30 in-person participants
- 4 invited speakers for special sessions
- ~50 registered participants
- 3 best student presentation awards

In person hybrid event in Warsaw University:

<https://indico.jlab.org/event/696/>



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Early Career Workshop 2023

Special Invited Speakers

Andrea Signori, Turin 🇮🇹
TMD phenomenology: status, prospects & EIC



Rolf Ent, JLab 🇺🇸
Uncovering the fundamental QCD structure of the proton from JLab 6 GeV to future EIC



Frank Maas, Mainz 🇩🇪
Precision measurements








Stefano Forte, Milan & NNPDF 🇮🇹
Parton distributions and ML from the LHC to the EIC

In person Participants Group Photo ECW 2023



Thank you Warsaw and LOC!

Funding Theme Sheet 2021-2023

	Jefferson Science Association (JSA) 	JLAB 	BNL 	CFNS @ SBU 	European Physics Journal (EPJ) 	Yearly Total
2021	10k	5k				15.0k
2022	10k	5k	5k	2.5k		22.5k
2023	10k	5k		2.5k	1k	18.5k
Total	30k	15k	5k	5k	1k	56k

Total funding received: **56k!** Thank all funding sources!

Funding Expenditure detail

- **Supported lodging during the event**
- **Supported food**
- **Supported students' travel**
- **Supported award cash prize**
- **Supported conference setup cost**
- **Workshop organizers received no support from the allocated fund**

Special Role of EIC Center and CFNS

- **JLab EIC² provided admin support and overseen**
 - Also supported the travel funds for all workshop organizers!
- **CFNS provided the admin support and fund**
 - CFNS student best presentation award became a possibility!



How do we proceed next?

- JLab EIC² Center fellows initiated and drove the effort with eutheism
- **Recommendation:**
Responsibility for leading the effort transfer to the elected early career representatives from ePIC and EICUG
- Long term goal: embed the Early Career Workshop as part of EIC Culture



Acknowledgement

- JLab EIC2 Center (thank you Doug and admins)
- CFNS SBU (thank you Abhay and admins)
- EICUG Steering committee
- Warsaw EICUG LOCs!
- All funding sources: JSA, JLAB, BNL, CFNS, EPJ
- All participants of the ECW!