

Tri Annual Electron-Ion Collider U Hybri CAREER WORKSHOP

July 23-24 • University of Warsaw • We are pleased to announce the third annual EIC User Meeting Early Career Workshop. This 2 day event, dee to students and postdacs but open to everyone, will be July 23-24, 2023, the Sunday and Monday before the EIC User Group meeting.

AIMS OF THE WORKSHOP



2022 Stony Brook

2023 Warsaw

2024 EICUG Early Career Workshop

Wenliang (Bill) Li on behalf of EC Organizers from 2024 <u>4th Annual</u> <u>EARLY CAREER</u> <u>WORKSHOP</u>

Electron-Ion Collider User Group Summer Meeting July 22, 2024 Lehigh University Bethlehem, Pennsylvania USA

We are pleased to announce the 4th annual EIC User Group Summer Meeting **Early Career Workshop**. Our one day event is dedicated to presentations by students and early career researchers but open to everyone. Please join us on 22 July 2024, the Monday before the annual EIC User Group meeting that runs from 23-27 July 2024.

WORKSHOP AIMS:

- Increase the visibility of EIC-related contributions from students and postdocs
- Offer a platform for early career researchers to connect and exchange knowledge
- Provide a venue to present and discuss EIC physics, detector and accelerator science prior to the User Group meeting



2024 Lehigh





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2024 ORGANIZING COMMITTEE:

Program Committee: Maria Stefaniak (Ohio State University, USA) Nicolas Schmidt (Oak Ridge National Laboratory, USA) Aranya Giri (University of Houston, USA)

Local Organizing Committee: Rossi Reed (Lehigh University, USA) Tristan Protzman (Lehigh University, USA)

Funding and Logistical Advisors: Jennifer Rittenhouse West (UC Berkeley, USA) Bill Li (CFNS, SBU, USA)

Executive Advisor: Douglas Higinbotham (Jefferson Lab, USA)



All day event & dinner on Monday Talks & posters by early career researchers ALL WELCOME TO ATTEND! Register here:

https://indico.jlab.org/event/855/



Organizational and logistical changes:

● Enthusiasm based → Formalized

- Past: supported by the EIC2 fellows
- Now: ePIC and EICUG Early Career representatives
- Length reduced to 1 day
- Funding support (reduced from previous year):
 - JLab JSA BNL

CFNS

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Brookhaven National Laboratory

Center for Frontiers in Nuclear Science



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Jefferson Lab

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EIC



Event Organizing committee changes:

• ePIC Early Career representatives:



Maria Stefaniak (Ohio State)







Aranya Giri (UH)

• EIGUG Early Career representatives:



Wenliang (Bill) Li (CFNS, SBU)

• Executive advisors:



Douglas Higinbotham (JLab)



Jennifer Rittenhouse West (Berkeley)



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General Info:

- Intense one day program
 - 17 submitted abstracts
- 2 invited speakers for special sessions
 - Douglas Higinbotham (JLab)
 - Brian Page (BNL)
- 36 registered participants
- Average per session attendance:
 - ~ 40 in person + ~14 online



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Agenda:

https://indico.jlab.org/event/855/timetable/?view=standard_inline_minutes

4 Theory contributions:

- The EMT Form Factors of the Phi⁴ Theory [Brean]
- EXCLAIM collaboration [Maria]
- Higher Order Electroweak Radiative Corrections [Mahumm]
- Diquark model [Jennifer]

Experimental hardware:

- PID: 4
- Calorimetry: 4
- Readout: 1
- Generic R&D Tracking: 1

- Physics study: 1
- Detector 2: 1
- Outreach: 1



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Jefferson Lab

Impact in reduced in funding support



- Significant reduce in participation from theory
 - Only 3 out of 17 talks were theory-oriented
- No travel support for the participates
 - A few organizers were not able to come
- Reduced number of award and prize
 - Two prizes with \$100 cash prize each
- One day event → More attendees than presenters







An intense day but fun day!



Special thanks for the local organization team!





Lehigh Early Career Workshop group picture (Flame of enthusiasm)

CFNS Best Student Presentation Award Winner

Best student presentations (8 eligible contributions):

- Mahumm Ghaffar (Remote), "Higher Order Electroweak Radiative Corrections using Covariant Approach", Memorial University of Newfoundland, Canada
- **Preet Mann**, "Thin Film Evaporation Process and Result at SBU for pfRICH Mirrors", Stony Brook University, US



