

EARLY CAREER WORKSHOP

July 23-24 • University of Warsaw • Poland

We are pleased to announce the third annual EIC User Group Meeting Early Career Workshop. This 2 day event, dedicated to students and postdocs but open to everyone, will be held on July 23-24, 2023, the Sunday and Monday 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.

2023 ADVISORY COMMITTEE:

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

2023 ORGANIZING COMMITTEE:

Michael Nycz (UVa) Daniel Adamiak (OSU)
Sebath Paul (UC Riverside) Joshua Crafts (CUA)
Frank Vera (FIU) Ronglong Fang (ODU)

Summary

2023 EIC UG Meeting: Early Career Workshop

- Indico page: <https://indico.jlab.org/event/696/>



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Event Organizing committee:



2023 Research Fellows

Advisors



Wenliang (Bill) Li
Stony Brook, USA



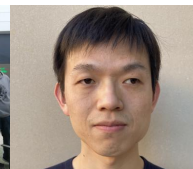
Jennifer Rittenhouse West
LBNL, Berkeley, USA



Francesco Giovanni Celiberto
UAH Madrid, Spain



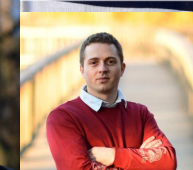
Daniel Adamiak
Ohio State University



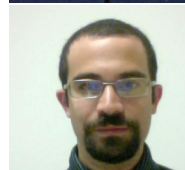
Ronglong Fang
Old Dominion University



Joshua Crafts
Catholic University of America



Michael Nycz
University of Virginia



Sebough Paul
University of California Riverside



Frank Vera Vega
Florida International University

Senior Scientist



Douglas Higinbotham
Jefferson Lab, USA



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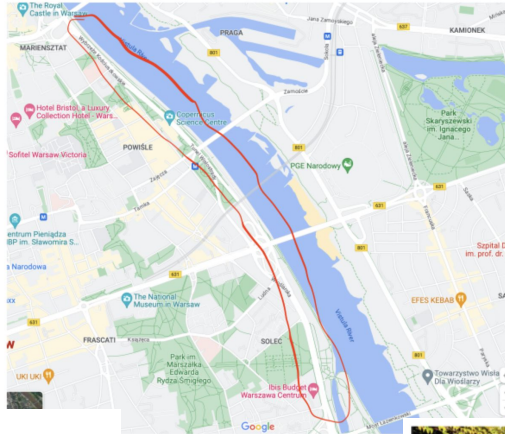
General Info:

- 36 in person participants, 5 online
- 24 Talks (16 experimental, 8 theory)
- 4 Keynote speakers
 - Rolf Ent gave us a historical overview of physics discoveries together with the rationale and advances that led to the choice of an EIC.
 - Andrea Signori walked us through one of the main physics programs of the EIC reviewing the TMD formalism and presenting the most recent developments as well as addressing the importance of the EIC for TMD phenomenology.
 - Frank Maas also focused on one of the main physics program for the EIC reviewing the plausibility of BSM exploration with the EIC and the importance of complementary verification from competing experiments/machines.
 - Stefano Forte, in anticipation to the AI/ML integration into the EIC program, present us with developments and implementations of Neural Networks towards improving data analysis, faithful information extraction, and very exciting, the **plausibility** of its use as a *predictive tool!*



Maria's Tour Guide around Warsaw

Check it out here: <https://indico.jlab.org/event/696/page/373-marias-tour-guide-around-warsaw>



Vistula "bulwary"



Warsaw University of Technology



Night Market



Warsaw University's Library

Gratitude

- **Special thanks for the support from the JLab EIC Center and the EIC User Group!**
- **Thanks to all Workshop presenters and conveners!**
- **Most importantly, thanks to all participants!**

Student Prize Competition

- **The Best Student Presentation**
 - **3 prizes**
 - **\$150 prize each**
 - **Judges: Daniel Adamiak, Joshua Crafts, Sebouh Paul, Frank Vera**

Student Prize Competition

And Now for The Winners

Student Prize Winners

- **Victor Martinez-Fernandez** (NCBJ, Warsaw, Poland)
 - “Impact of Double DVCS in current and new experiments”
- **Sean Preins** (UC Riverside, California, U.S.A.)
 - “A SiPM-on-tile Zero Degree Calorimeter”
- **Peter Carney** (UC Riverside, California, U.S.A.)
 - “Results of First Test Beam of SiPM-on-Tile Calorimeter Insert”