



POETIC XI: Second Circular December 19, 2024

Physics Opportunities at an Electron-Ion Collider XI

Dates: 24–28 February 2025

Location: Florida International University, Modesto Maidique Campus

Conference Website: <https://indico.jlab.org/e/poetic11>

Important Deadlines

- [Contributed abstracts](#): Jan 10, 2025.
- [Early registration fee](#): Jan 15, 2025.
- [Hotel block](#): Feb 2, 2025 or until availability runs out.

The primary goal of POETIC XI is to continue the advancement of Electron-Ion Collider (EIC) related physics. The EIC, which has been granted Critical Decision 3A (CD-3A) by the U.S. Department of Energy (DOE), is to be constructed at Brookhaven National Lab in New York in partnership with Jefferson Lab (Jlab). This collider will be a groundbreaking research machine, pushing the boundaries of our understanding in accelerator science, particle detector design, high-performance computing, and beyond. The EPIC collaboration has formed around the first detector, and there is the possibility of having a second EIC detector.

The conference will bring together experts from around the world to discuss the latest developments, share innovative research, and foster collaborations in this exciting and evolving field. We look forward to your participation and contributions to the success of POETIC XI.



Scientific Program

The meeting will have plenary invited sessions as well as parallel sessions and/or a poster session with contributed abstracts. Topics include the following (and their intersections):

- EIC program and project
- Nucleon spin structure
- Hadron Tomography
- Lattice QCD
- AI and machine learning for EIC
- BSM and electroweak physics
- Entanglement in DIS
- Diffraction and saturation
- QCD in the nuclear medium
- Hadron Spectroscopy
- Nuclear structure at EIC
- Monte Carlo generators
- Global fits
- Future facilities

Call for Abstracts


Abstract submission is available at the [indico page](#) until Jan 10, 2025. We invite researchers to submit presentations for a talk or poster on any topic relevant to the scientific program and your area of research. This is an excellent opportunity to share your findings with peers and engage in stimulating discussions.

Local Support

We have a limited amount of local support available for early career researchers. Please contact us with details for a request for local support.

About Miami and Florida International University

Miami, renowned for its vibrant culture, beautiful beaches, and dynamic arts scene, offers a stunning backdrop for POETIC XI. The city is a melting pot of cultures, reflected in its diverse culinary offerings and lively entertainment options. February is a month with several food, art & music festivals happening around the Miami area, so making early arrangements for lodging is recommended. We have secured a hotel block at competitive rates in the Kendall area near the FIU campus.



Florida International University (FIU) is a preeminent public research R1 institution committed to high-quality teaching, state-of-the-art research, and creative activity. The Modesto Maidique Campus, where POETIC XI will take place, provides an excellent environment for academic exchange and collaboration.

Contact Information

For further information and updates, please visit the conference website at <https://indico.jlab.org/e/poetic11>.

Contact information for the local organizers can be found on the Overview page.

We look forward to welcoming you to Miami and FIU for a productive and inspiring conference!

Sincerely,

The POETIC XI Local Organizing Committee

Holly Szumila-Vance,
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Misak Sargsian,
Wim Cosyn

