

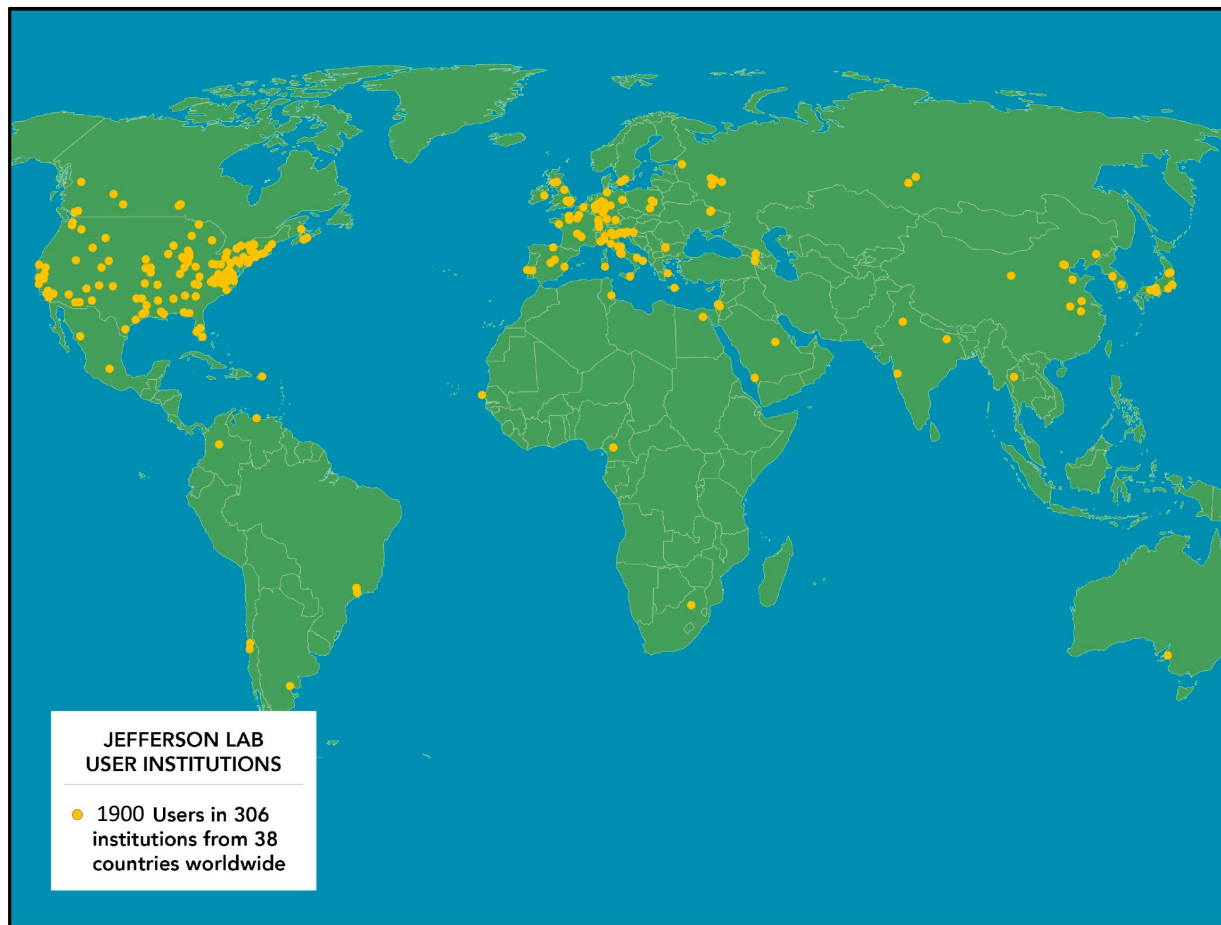
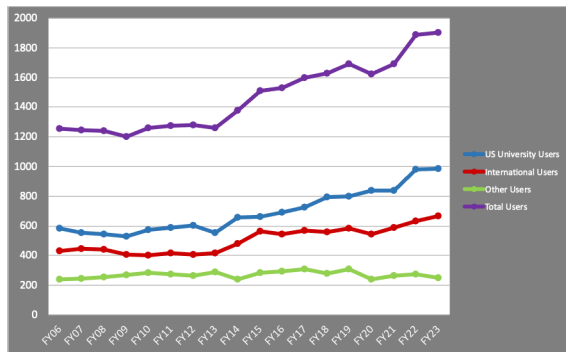
# Jefferson Lab Users Organization



Marco Contalbrigo  
INFN Ferrara

JLab User Organisation  
Board of Directors Chair

JLUO Annual Meeting  
June 10-12, 2024



# JLab User Organization goals



- Encourage and assist scientists and engineers in the use of the Continuous Electron Beam Accelerator Facility
- Create and maintain effective channels for the exchange of information between the staff of JLab and other scientists and engineers interested in using CEBAF
- Create and maintain effective methods of offering advice and counsel to the JLab management on matters of policy affecting the development and utilization of the facility
- Support, encourage, and assist in the advancement of basic scientific knowledge, and to promote the most effective utilization of CEBAF for the common good and welfare of society

**Community building**

**Representation of  
users within JLab**

**Advocacy,  
Outreach**

# 2023-2024 JLUO Board of Directors



**Marco**

Chair



**Yordanka**

Chair-Elect



**Matt**

Vice-Chair



**Carlos**

Past Chair



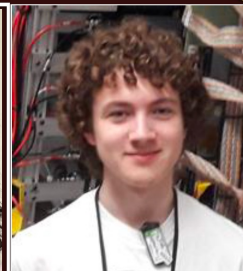
**Lorelei**

Secretary-  
Treasurer



**Olga**

Postdoctoral  
Rep



**Nathan**

Student  
Rep



**Dien**



**Rachel**



**Holly**



**Sean**



**Wim**



**Simonetta**

Theory-  
Experiment  
Liaison

At-Large

Contact  
information  
can be found  
at [JLUO wiki](https://www.jluo.org/wiki)

# 2024-2025 JLUO Board of Directors



**Yordanka**

**Chair**



**Matt**

**Chair-Elect**



**Ioana**

**Vice-Chair**



**Marco**

**Past Chair**



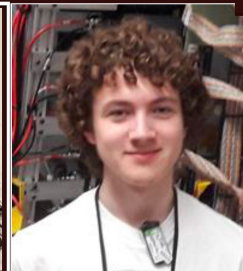
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Rep**

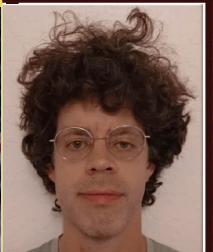


**Nathan**

**Student  
Rep**



**Stephen**



**Wim**



**Dien**

**At-Large**



**Cristiano**



**Raphael**



**Simonetta**

**Theory-  
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# Examples of User Representation Activities

## **Program Advisory Committee (PAC)**

JLUO Chair is a member of the PAC, and the JLUO chair-elect joins the PAC meetings, with a unique charge to observe deliberations and the interactions between PAC members and proposers and ensure a fair process. JLUO BoD suggests new PAC members to C. Keppel.

## **Director's Inclusion and Diversity Council (DIEA Council)**

JLUO Chair, O. Cortes Becerra, H. Szumilla-Vance (stepping out)

## **JLab Radiation Review Panel (JRRP)**

Sean Dobbs replacing Charles Hyde after a long service

## **ePAS Advisory Team (eTAS)**

H. Szumilla-Vance

## **Space & Renovation Committees**

JLUO Chair

# Program Advisory Committee (PAC)

## Presence of chair-elect

Positive impact, good chance for consistent cooperation

## Jeopardy process

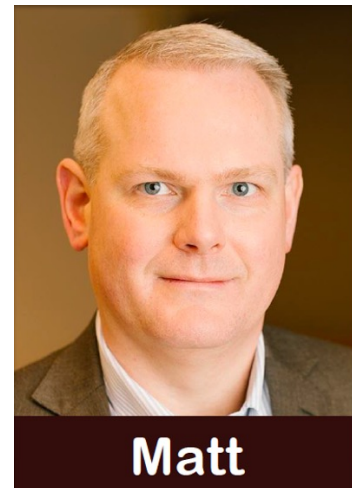
Identified reason of improvement

New indications:

status report is mandatory

request of additional PAC days  
requires a new proposal

## JLOU Representatives at PAC52



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## **Space & Renovation Committees**

JLUO Chair

# Diversity and Inclusion

*Standing JLUO D&I working group:  
promoting diversity and inclusion in the user community*

**Holly Szumila-Vance, Simonetta Liuti, Olga Cortes Becerra**

- Representing users on Director's Diversity and Inclusion Council
- Advise and discussion with Rhonda Barbosa (HR Director) and Program Lead on D&I (Jennifer Carter, Shana Matthews)
- Review of documentation, communication of user concerns
- Activities guided by
  - user feedback,
  - community discussion,
  - the inclusion survey: Especially notable results in reducing the divergence in experience between male vs female users, and in maintaining a respectful community

**Scientific User  
Focus Group**



# Scientific Users- FY24 Goals/Progress

Goals	Objectives	Metrics
<b>Increase User activity in DEIA</b>	<ol style="list-style-type: none"><li>1. Create User and Student/Postdoc focus groups</li><li>2. Encourage collaborations to invite DEIA leadership to speak</li></ol>	<ul style="list-style-type: none"><li>• Increased participation in surveys</li><li>• Number of attendees in focus groups and reaching out to the Board/Council</li></ul>
<b>Increase support and resources to Users</b>	<ol style="list-style-type: none"><li>1. Establish clear reporting guidelines and subsequent steps</li><li>2. Assist collaborations to include DEIA in by-laws, etc.</li></ol>	<ul style="list-style-type: none"><li>• Improved collaboration by-laws and DEIA support</li><li>• Feedback from Users on reporting in focus group and private discussions</li></ul>
<b>Increase User representation to DEIA</b>	<ol style="list-style-type: none"><li>1. Add student/Postdoc representative to the Council</li><li>2. review DEIA literature to ensure language includes Users</li></ol>	<ul style="list-style-type: none"><li>• More Users in attendance at Council meetings</li><li>• Improved literature and material from the lab</li></ul>

**First Focus Group Meeting:** led by T. Keppel on March 7 at 11:30 am

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## **Space & Renovation Committees**

JLUO Chair

# Active Working Groups

Study group for user space  
(organized by JLUO Board)

Chair: **Yordanka Ilieva**

Members:

Sean Dobbs,	Rachel Mongtomery,
Annalisa D'Angelo,	Kent Paschke,
Chaden Djalali,	Zhiwen Zhao,
Amy Schertz.	



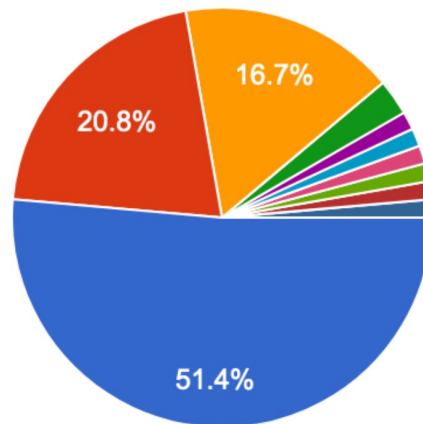
# Space Survey

## JLab Office and Conference Space Survey for Users

The objective of this survey is to determine the office and conference space of the JLab users that is currently needed in order for the users to carry out the science mission of the lab and to feel welcome to visit the laboratory.

Due to the recent staff expansion at JLab, the pressure for office space has increased. Some user space has already been converted to staff offices. In the long term, lab management is considering to potentially reconfigure the user space, by for example, replacing user offices in F-wing with an open desk space, i.e. library-type. The Lab management has asked the JLUO Board of Directors to formulate the actual users' needs in terms of office space. This survey is meant to provide an up-to-date information about these needs. Of special importance is to assess the need for institutionally assigned offices vs the alternative of short-term-assigned desks (library-type - a desk in an open space with many desks) or offices that can be booked prior to a visit to JLab for the duration of that visit ("hotel" like space).

Since office and conference spaces are closely entwined, this survey also aims to evaluate the needs of users for conference space and for access to booking such space.



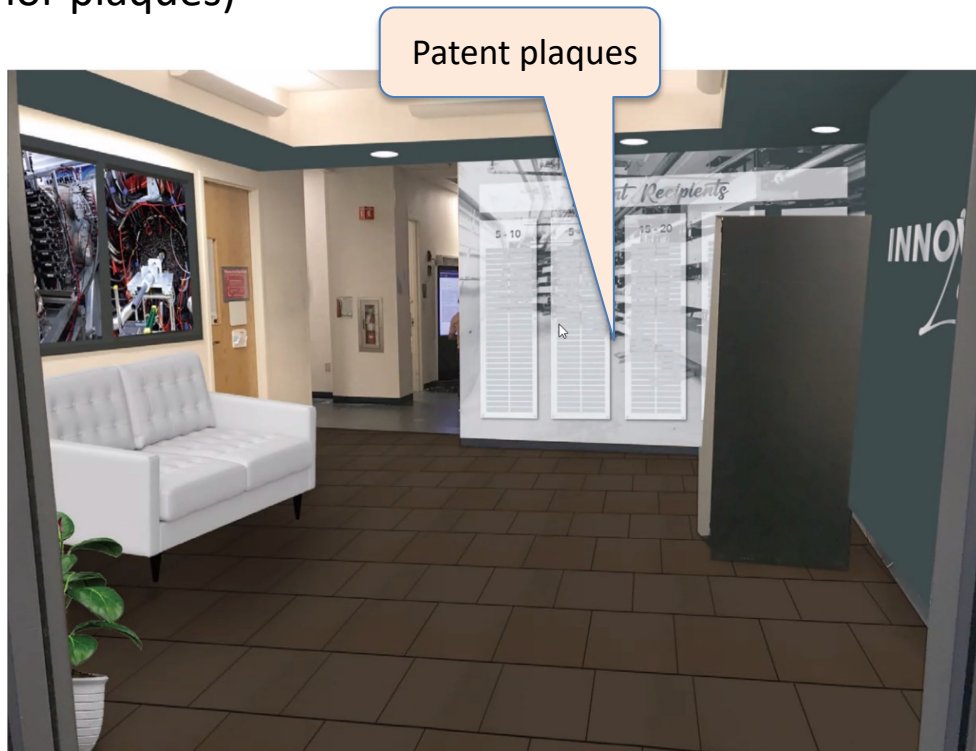
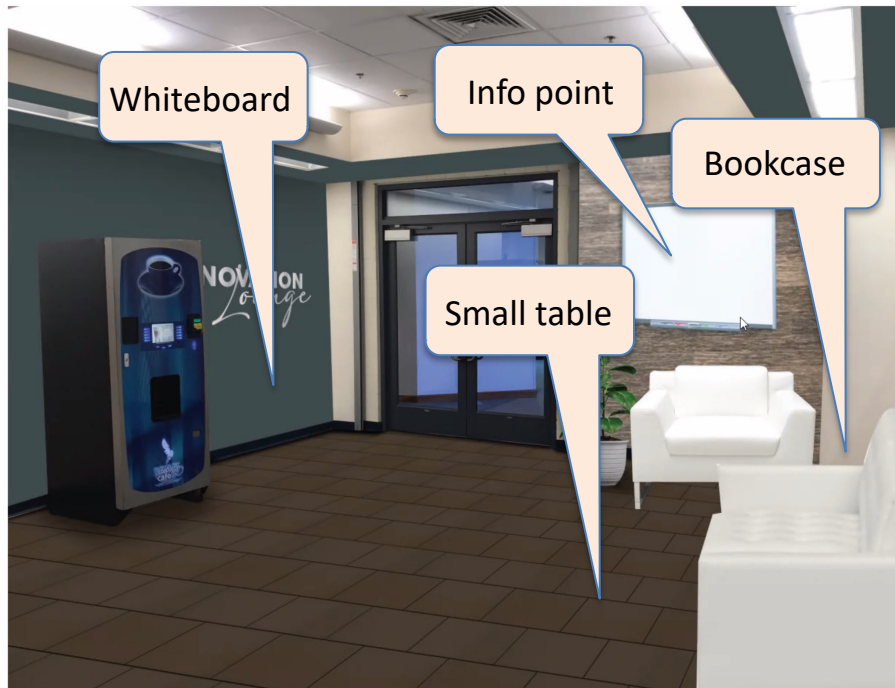
72 responses

- Faculty
- Postdoctoral Fellow or equivalent
- Graduate Student
- Senior Researcher
- Graduate student (now), Postdoc (in 2 months)
- Staff Physicist
- Research Director
- adjunct
- Researcher
- staff researcher



## New social area

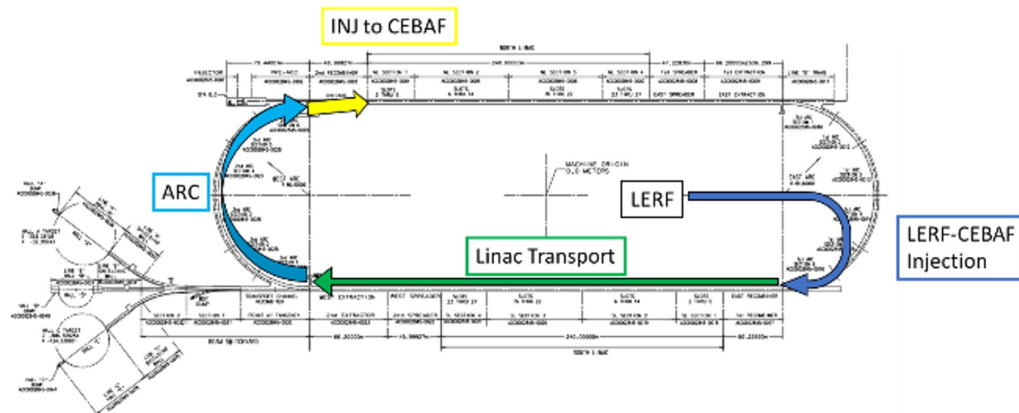
Part of UGBoD recommendations: Innovation lounge in F101  
(patents, new achievements, awards & honor plaques)



# Active Working Groups

Study group for the science and technology of the CEBAF upgrade (organized by D. Dean)

**Axel Schmidt**  
**John Arrington**  
**Matt Sheperd**



Study group on JLab Physics at 22 GeV (organized by P. Rossi)

**Matt Shepherd**  
**Marco Battaglieri**

- e-Print: [2306.09360](https://arxiv.org/abs/2306.09360)

JLAB-PHY-23-3840

Strong Interaction Physics at the Luminosity Frontier  
with 22 GeV Electrons at Jefferson Lab

# Examples Community Building Activities

## **Organize the Annual Meeting**

Occasion to share last developments and discuss new opportunities.

Rich program for students and early career researchers.

## **Organize Satellite Meetings at APS and DNP**

To reach out users far from the lab and promote JLab science

## **Promote Nuclear Physics Day on the Hill**

**Manage JSA Awards**     Thesis Prize, Post-doc Prize, Poster Prize

## **Pursue several (young) user support Initiatives**

Lunch Seminars, Software Carpentry Workshop, Child Care, Business Travel, ...

**Most of JLUO Activities are possible thanks to the JSA Initiatives Fund (IF)**

10 - 12 June  
@ JLab



## 2024 JLUO Annual Meeting



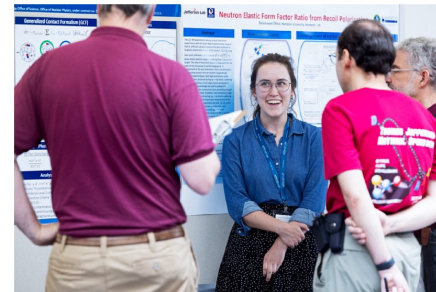
- Exciting program with a combination of JLab physics results and future prospects, plus keynote speakers on topics beyond nuclear physics.
- Run fully hybrid mode (remote participants could see, listen and speak)



### Record attendance! in 2023

Rich young scientist program

- Student/Postdoc lunches
- Poster competition (online format + in-person)
- JSA PhD and postdoc prize



Post Doc Researcher Prize winner  
Peter Hurck



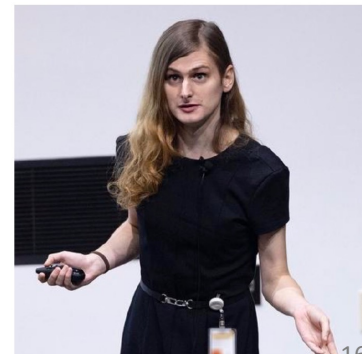
Post Doc Researcher, U. Glasgow

Proposal:  
Strange Physics at GlueX

Thesis Prize winner  
Allison Zec

U. of New Hampshire

Thesis: High-Precision Beam  
Polarimetry for the CREX Experiment





# Satellite Meetings

Hall-A Presentation at DNP  
Waikoloa Village HW, November 23



GSPDA Presentation at APS,  
Sacramento CA, April 24



Typical: more than 40 attendees, presentations by JLUO, JLab, Experimental Halls, ....

# Graduate Student and PostDoc Association (GSPDA) at JLAB



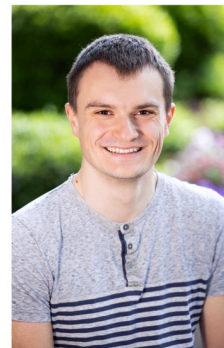
Lorelei Carlson



Phoebe Sharp



Caleb Fogler



Pierre Chatagnon



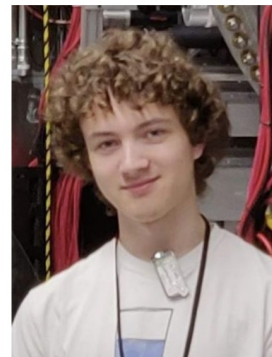
Gloria Montaña



Sara Ratliff



Bashu Khanal



Nathan Heinrich



Olga Cortes



## Hygiene Baskets

Resources for users at JLab



## Tradition at Tradition

Every other Thursday



## Taco Tuesday

Every Tuesday



# Lunch Seminars

2023 Annual Meeting:

Negotiation workshop

Industry Panel

Work-Life balance

February '24:

Dueling Theorist and Physicist

Proton Form Factor Ratios

April '24:

AAAS Fellowship Q&A

Additional funds granted to better support the initiative (after an unexpected cut)





# Flagship Outreach event: Nuclear Physics Day on the Hill



JLab, RHIC, FRIB and fundamental symmetry user groups/organizations meet with the offices of senators and representatives

JLab participants (11th year)

2013: 7 people

2014: 14 people

2015: 20 people

2016: 24 people

2017: 23 from 13 states

2018: 27 from 13 states

2019: 25 from 8 states

2020: cancelled due to COVID

2021: virtual (zoom) meetings

2022: virtual (zoom) meetings

2023: in-person meeting (April 25): 12 participants

Geographic reach is critical: we want to be in as many House and Senate offices as possible!

Especially chairs and members of key committees.

**2024 April 16**

**contact: Matt Shepherd [shepherd@jlab.org](mailto:shepherd@jlab.org)**

**54 participants (10 from JLab) for 25 state offices**



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## JLUO BoD Meetings

The Users Organization Board of Directors meets on a regular (monthly) basis and organises a join meeting with the lab management at least twice a year. Here are the Minutes of previous meetings and recent presentations:

May 20, 2024

April 22, 2024

March 18, 2024

1. Indications from space survey
2. User representatives
3. New Survey proposed by the Lab
4. Focus Group meeting
5. JSA Initiatives
6. Day on the Hill
7. APS satellite

JLUOBoD Winter Meeting, February 6-7, 2024 - [Final Report](#)

- [JLab Present](#) - Stuart Henderson
- [JLab Future- David Deant](#), [Patrizia Rossi](#)
- [PAC/Scheduling](#) - Thia Keppel
- [Theory Updates-](#) Jianwei Qui
- [EIC Update](#) - Rolf ent
- [DEIA Initiatives](#) - Jennifer Carter, Shana Matthews
- [Computing-](#) Amber Boehnlein
- [Ce+BAF Upgrade](#) - Joe Grames
- [22 GeV CEBAF](#) - Alex Bogacz
- [CEBAF Operations Overview-](#) Eduard Pozdeyev
- [User Life/ Space at JLab](#) - Jonathon Huff, Kent Hammack
- [JSA News/Lodging](#) - Elizabeth Lawson

January 22, 2024 - [Minutes](#)

1. Agenda of the Winter Meeting
2. DEIA initiatives
3. CEBAF space committee and survey
4. JSA Initiatives
5. User Group data and communications

# JLUO BoD Meetings

Contact information can be found on the JLUO wiki  
[https://wiki.jlab.org/cugwiki/index.php/JLUO\\_BoD\\_Meetings](https://wiki.jlab.org/cugwiki/index.php/JLUO_BoD_Meetings)

December 18, 2023 - [Minutes](#)

1. News
2. CEBAF space committee and survey
3. DEIA initiatives
4. Agenda of the Winter Meeting
5. JLUO Annual Meeting
6. Plans of the Focus Groups for JLab future

November 13, 2023 - [Minutes](#)

1. News
2. DEIA initiatives
3. Space renovation

October 11, 2023 - [Minutes](#)

1. DEIA initiatives
2. Space renovation
3. LPR discussion with JLab management
4. DNP satellite meeting

[Past Meetings](#)

# Winter Meeting Report

## JLUO Board Meeting (February 6-7, 2024) Report to the Laboratory Management



On February 6–7 (2024) the Board of Directors (BoD) of the Jefferson Lab User Organization (JLUO) held a meeting which included open sessions with the JLab management and executive sessions within the JLUO board alone.

The BoD is grateful to the JLab management for the availability to meet, reviewing status and perspectives of the various activities of user interest, and analyzing open issues that could impact the user engagement in support of the laboratory mission. The BoD acknowledges an open and constructive attitude in all the discussions.

As a result of the meeting, the BoD summarized below a list of comments and recommendations with the aim to better support the life and commitment of users at the lab.

The BoD is happy to provide additional details and/or further discuss these findings at any future occasion. During the JLUO Annual Meeting (June 10 –12, 2024) the BoD plans to assess the status of implementation of the recommendations, or evaluate any reason for revision.

### Comments:

- The JLUO BoD commends the laboratory for hiring a deputy to work in the area of DEIA issues. Given the roles of the DEIA staff as defined by the DEIA Council Charter, the Board agrees these activities should be organized under the department of Human Resources, in response to Recommendation 2 (2023) of the Board.
- Continued expansion of DEIA awareness and training, like bystander intervention training, of the broader JLab community is strongly supported by the JLUO BoD. The Board appreciates the creation of a User Focus Group that should facilitate the user engagement in the laboratory DEIA mission.
- There is no identified person in the Jefferson Lab community who is capable of acting as an ombudsperson, particularly for users. The path for users to report issues typically involves scientific staff in a supervisory role and/or Jefferson Lab Human Resources. For users, this raises concerns about the impartiality and confidentiality of the process.
- The JLUO BoD appreciates the creation of a user lounge area with coffee and a whiteboard that provides a useful space for informal collaboration, in response to Recommendation 3 (2023) of the Board.

# Outlook

JLUO is a vibrant community:

strong commitment for the present

wide engagement for the future at JLab

special care for inclusion and early-career stage

Ongoing:

