

Annual Users Meeting

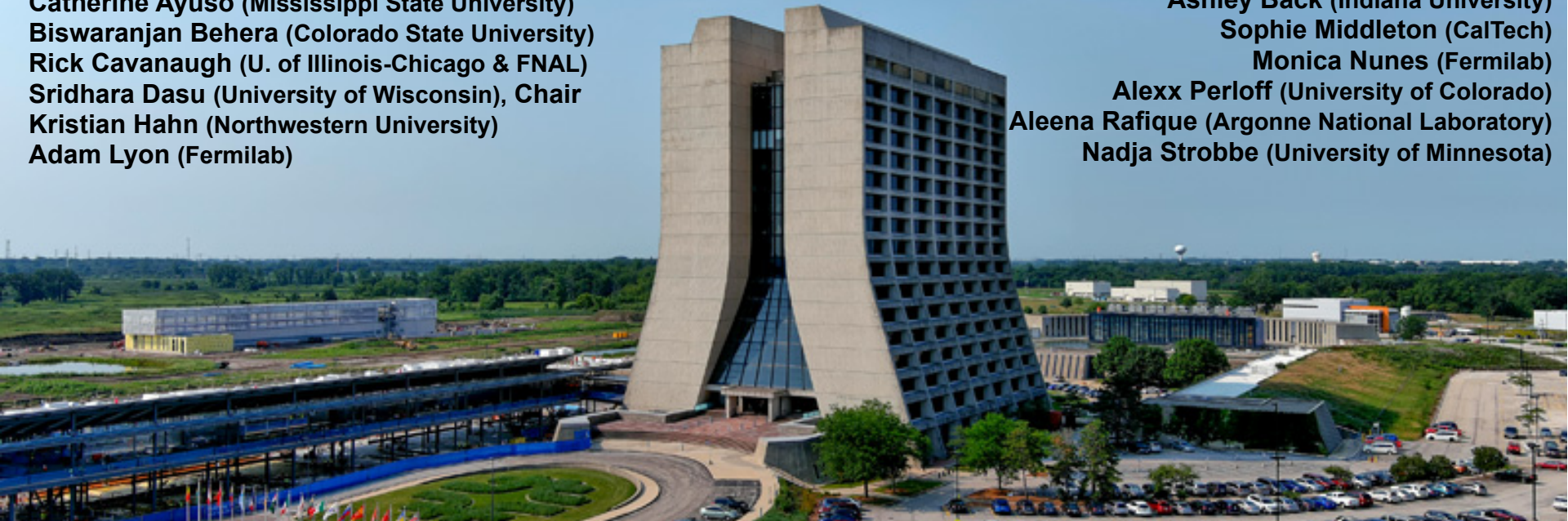


Your meeting to learn about FNAL research & activities

FNAL UEC 2021-2022

Catherine Ayuso (Mississippi State University)
Biswaranjan Behera (Colorado State University)
Rick Cavanaugh (U. of Illinois-Chicago & FNAL)
Sridhara Dasu (University of Wisconsin), Chair
Kristian Hahn (Northwestern University)
Adam Lyon (Fermilab)

Ashley Back (Indiana University)
Sophie Middleton (CalTech)
Monica Nunes (Fermilab)
Alexx Perloff (University of Colorado)
Aleena Rafique (Argonne National Laboratory)
Nadja Strobbe (University of Minnesota)



Organized with help from Fermilab Students and Postdocs Association

Users Organization Constitution

June, 2011

This is an organization of scientists and engineers currently engaged in advancing our understanding of the nature of matter and energy. These Users anticipate needing significant resources from the Laboratory to conduct basic research in particle physics, astrophysics, the development of accelerators and their inter-relationship. Its purpose is to provide a forum for discussion of scientific and administrative matters relevant to the organization and functions of the Laboratory. In particular, it should play an important advisory role in determining the relationship of outside Users to the Laboratory and the support they will have in implementing their experimental programs.

A. Membership

Membership shall be open to individuals with a professional interest in the scientific program at Fermilab.

Users Executive Committee – 12 elected members

UEC strives to support you!

Every year 6 members are elected for 2-year terms

Nomination by 10-member petition for annual election

Nomination process for 2022-24 UEC begins this week

Volunteer to Serve on UEC

Users Meeting (Sophie, Biswaranjan)

- **Responsible for bringing you this meeting!**
- **Much effort went in to making this an informative and accessible one in hybrid mode!!**
- **Unfortunately, had to adapt to Covid restrictions in the last minute – sigh!**

Government Relations (Nadja, Adam)

- **Organized virtual congressional and executive office visits with USLUA in March**
- **Excellent coverage of offices – over 100 meetings**
- **Strong support from offices we met**

Quality of Life (Aleena, Rick)

- **Plans for safely returning back to work, restoring all important in-person interactions**
- **Tackling continued issues with laboratory access – new rules, dissemination of procedures**
- **Handling trouble tickets – housing, cost increases, lab access issues, etc.**

Education & Public Engagement (Alexx, Catherine)

- **Broad engagement with community, primarily on education efforts**
- **New initiatives in improving Diversity, Equity and Inclusion**
- **Coordination of new DEI initiatives with individual experiment efforts**

Intriguing Results

- Potential new physics in $g-2$
- Potential new physics in W -mass
- Squashing the excesses in ν -spectra – sterile neutrino search

Details on all of these
in talks at this
Users meeting

Substantial Results

- 100s of papers from CMS reporting SM measurements and limits of BSM parameter space
- 10s of papers from neutrino experiments on way to the determination of neutrino mass matrix fully

New Projects

- Progress through the CD processes & new ML & QIS programs