

CNMS UEC Agenda – Thursday, February 22, 2024
10:02 am Eastern Standard Time

Participants (attendees in blue)

Chair: [Piran Kidambi](#) (Vanderbilt)

Vice-Chair: [Masoud Mahjouri-Samani](#) (Auburn U.) *

Secretary: [Tatiana Allen](#) (U. Tennessee-Chattanooga) *

At-Large Members:

[Ethan Self](#) (ORNL); [Jon Camden](#) (Notre Dame); Wan-Yu Tsai (ORNL); Wonhee Ko (University of Tennessee) *; [Ruocun \(John\) Wang](#) (Drexel University) *; [Vighter Iberi](#) (Proctor and Gamble) *

Past Chair: [Zachary Hood](#) (ANL)

CNMS (non-members) – [Lisa Goins](#), [Brad Lokitz](#), Karren More, Bobby Sumpter

* *Indicates newly elected*

CNMS and ORNL operations update: (Brad)

- Website developed – active proposals updated on website!
- Preparation for review
- Expectations document for users
- DEI meeting at CNMS,
 - Eva excited to help and has suggestions
 - Brad and Karren will go to Alabama A&M to strengthen connections between CNMS and minority serving institutions.
- The CNMS will organize webinars to better assist with DEIA+ at the CNMS – starting point at user meeting.

CNMS User Meeting Discussion/Update (Piran)

- **Date: August 12-19.** According to the CNMS staff survey, responses were evenly split between the week of 08/5-9 and week of 08/12-16. To avoid conflict with MXene conference, the date is set for August 12-19.
- **Place: Downtown Knoxville.**
 - Brad will start the process with the Conference Planning. Can one strike a cheaper deal with a hotel if CNMS agrees to use it for several years in a row?
- **Audio-visuals:** Had an issue last year. Possible solutions:
 - Have a dedicated computer and manual pointers.
 - A display switch and let people to connect their own computer.
 - Have a cloud space for each session, where people can upload their talks 30 min before a session, and then present it from there? So, if they are revising at the last minute, they still can re-upload it.
 - Create one email address (with password) to receive presentations.
 - Password -protect the presentations.
- **Plenary and Invited speaker suggestions:**
 - List of plenary and invited speakers – down select – top 5 for plenary and invited speakers from each user committee member
- **Workshop Suggestions**
 - Autonomous Experiments
 - AI/ML approaches to incorporate theory-in-the-loop to achieve autonomous synthesis and manipulation”, P. Ganesh, Sumner Harris, Yongtao Liu ==== possibly merge with [Autonomous Experiments](#)

- Piezoresponse Force Microscopy
- topic: quantum materials working title: Heterogeneities in Quantum Materials
organizers: Tom Berlijn and/or anyone in the Heterogeneities in the Heterogeneities in Quantum Materials theme - focus on materials itself.
- single photon emission physics and measurement – Ben Lawrie - quantum measurements
- Zach Hood= workshop on user proposals writing (Mon and Thursday). 1st workshop is on Monday before the meeting. Talk on new capabilities that CNMS, and the structure of the user grants. Then participants can create an outline by Thursday and get feedback and come up with a good draft.
- **Other:**
 - Poster Slam (for students)
 - Student awards: all best poster/presentation awards
 - CNMS Staff Member Slam (9 groups to talk about their research, 3 mins max per group, 1 slide, picture of all the group members,) followed by the “speed dating”: let people move freely around the groups.

CNMS UEC DEIA subcommittee:

- update will be at the next meeting.

CNMS User Proposal Review subcommittee:

- update will be at the next meeting.

Suggestion box (Brad)

- No items in the suggestion box

New business/action items - none

End time: 10:58 am EST