

Agenda - MSTD Executive Committee Meeting
2021 ANS Winter Meeting
Wednesday, December 1, 2021

Zoom meeting

Join Zoom Meeting

<https://byu.zoom.us/j/96740377320?pwd=eVh3ejYydCtsOXhjeGRrTFh6Z25oUT09>

Meeting ID: 967 4037 7320

Passcode: 270760

Call in at 1-253-215-8782

1. Call to Order (Troy Munro)
Meeting called to order at 6:37pm
 - a. Attendance
 - i. Division Officers
Troy Munro, Ken Geelhood, Assel Aitkaliyeva
 - ii. Executive Committee Members
Annabelle Le Coq, Samuel Briggs, Jonathan Gigax, Simon Pimblott, Rory Kennedy, Colby Jensen, Matthew Swenson, Topher Matthews, Djamel Kauomi
Chaitanya Deo – excused
 - iii. Others Present
Abhijit Sengupta, Ben Beeler, Timothy Phero, Scott Middlemas, Stephen Lam, Youssef Abouhussien
2. Committee/Division Member National Recognition (Troy Munro)
No current awards, be aware of Mishima award nomination deadline.
3. Approval of Minutes, MSTD Executive Committee, June 14, 2021 (all)
Ken Geelhood moved to approve, Rory Kennedy seconded, meeting minutes approved unanimously.
4. ANS 2022 Student Conference Updates (Luca Capriotti)
Tabled
5. Updates from Presidents Meeting/PDC (Troy Munro/Ken Geelhood)
 - Financial surplus is available for the first time at a national level (contributor was sale of the ANS HQ)
 - Improving notoriety of the society by lobbying to congress, prompting K-12 education, and coordinating between HQ and local sections to improve communication
 - Membership improvement effort is ongoing.

- Standards were a major topic and ANS can coordinate with ASME and others. Does MSTD want to propose standards for AM, ATF, cladding, MSR materials, etc.? This could be done by forming a sub-committee from MSTD that will work with Don Eggeett (chair) from ANS standards committee. Current liaison with standards committee is Troy Munro.
- Ongoing initiatives include keeping Diablo Canyon open, discussing nuclear waste, and advanced reactors

6. Treasurer's Report (Assel Aitkaliyeva)

a. Budget

Budget was presented. Ken Geelhood moved to approve the budget, Rory Kennedy seconded, budget approved unanimously.

b. Membership

Graduate students were not aware of scholarship opportunities for travel, Troy shared this information

7. Program Committee Report (Ken Geelhood)

a. Overview of winter meeting sessions

Have new session on irradiation experiments for nuclear materials and fuels research. There were 5 total sessions held. The meeting format is hybrid and Troy is chairing sessions in person. If anyone is attending meetings in person, please let Ken know. You don't have to be on the EC to be a session chair.

b. Planning for 2022 ANS Annual Meeting

Call for papers for Summer meeting is already out and we have multiple topics (a-j). Ken will be the technical program chair for Winter 2022 meeting and is looking for additional topics. Rory Kennedy suggested adding actinide science (radiochemistry, nuclear materials, behavior of actinide-bearing materials, quantum properties, condensed matter physics) topic to the list for Winter meeting. Stephen Lam suggested adding ML and AI.

If anyone has suggestions of things that should be added or changed from the list, please send Ken Geelhood an email.

c. Recent and Upcoming Topicals

- Top Fuel 2021 was held in Spain.
- The committee for Top Fuel 2022 was established by Ken Geelhood, Colby Jensen, and Kallie Metzger. The meeting will be held next Fall (October 9-13) in Raleigh, North Carolina. It will not be held in conjunction with Global. General Chair is Rita Baranwal. Call for papers will be out in December.
- MiNES 2023 will be hosted by ANS and it is being scheduled. Simon Pimblott was involved with MiNES 2021 programming committee but is not involved with 2023 meeting. This year MiNES was in person only meeting and attendance was not very high because of inability of national labs to attend. We need to invite Clarissa to give MSTD feedback on the MiNES programming plans.

- d. Changes in ANS Program (fewer days, lower page charges etc.)
 - The meetings are likely going to be shorter in duration (3 days instead of 4).
 - Several committee members are in favor of holding embedded topicals at ANS meetings and potentially bringing in MiNES into ANS June meeting as an embedded topical.

8. Liaison Reports

- a. Young Members Group (Luca Capriotti)
 - i. Support for YPC21, November 12-13, virtual meeting
 - ii. Update on meet-and-greet

YPC was held recently and MSTD held meet and greet (Colby, Kallie, and Troy organized it) that was attended by 1 student (Timothy Phero who said it was a highlight of the YPC).

- b. University Liaison (Chaitanya Deo)
Tabled.

- c. Publicity (Jake Quincy) – mstd.ans.org
Jake is now less available, and we need a new webmaster.

- d. Awards (Cynthia Adkins)
 - i. <http://mstd.ans.org/awards/>
 - ii. Updates regarding Mishima award and MSTD award nomination process
 - iii. Schumar Scholarship 2022 – (Lance Snead, Maria Okuniewski, Assel Aitkaliyeva, and Simon Pimblott)
 - 1. Pick committee to look at awards in Nov
 - 2. Submit paperwork by March.
 - 3. Question is how do we keep people on the committee and rotate them out as well.
 - 4. Ask for nominations because need submit by August
 - iv. PowerPoint poster of awardees

Simon gave an update on the scholarship review process. Simon will follow up with HQs folks about deadlines. Troy suggested we give ppt poster for each division awardee at the meetings – assignment for the awards committee.

- e. International Liaison (Vincenzo Rondinella)
Tabled.

- f. Partnership between ANS and Discovery Education
MSTD can suggest materials they could use. The goal is to make easily attainable kits for K-12 students.

9. Old Business

- a. Discussion on MSTD liaisonship approach. (rotations every X years, assigned to current EC members, responsibilities, etc) (Colby Jensen)
- b. Venue for irradiation testing technical papers (Richard Howard)
A session at the Winter meeting is held. The topic could be a session at the embedded topical. Need to discuss this with Richard, Colby, and Brenden Heindrich to identify the best avenue to publish this.
- c. Increasing membership involvement (Troy Munro)
Presented in 10c.

10. New Business

- a. Newsletter (Troy Munro)
4-page long annual newsletter that will include upcoming meetings, programming updates, awards, information on EC and how to get involved. Troy is working with Jonathan Gigax on it. The goal is to complete it by the end of the year, with the goal of sending it out in January.
- b. Membership spotlights (Jonathan Gigax)
We have 17 people on the EC and we can highlight 1-2 EC members each month. Once information is received from EC members, the summary will be condensed to 200 words. Example of the summary will be sent out at the end of the week and provided to the first 5 EC members. If you have been highlighted on the past, send your summary to Jonathan.
- c. EC Organization (Troy Munro)
Presentation on the organization of EC was given (<https://www.dropbox.com/s/hnnmb1ycprymwjc/Simple%20Organization.pptx?dl=0>). Proposal is to have a committee and 2-3 members of the committees instead of liaisons. The proposed committees are membership, awards, programming, nominating committee, international liaison, external relations that combines publicity, university liaison, YMG liaison, and publications.
Proposed committee organization:
 - Programming committee: Ken G. (chair); Simon P. (member); Djamel K. (member); Troy M. (standards); Stephen Lam (student member)
 - Nominating committee: Troy M. (chair); Topher M. (member); Tsveti P. (member)
 - External Relations: Luke H (chair); Luca C. (YMG); Chaitanya D. (education); Vincenzo R. (Int.); Jake Q. (website); Haiyan Z. (member)
 - Membership: Jonathan G. (chair); Annabelle L.; Matthew S. (onboarding new EC members)
 - Awards: Cindi A. (chair); Rory K. (member); Fidelma (member); Sam B. (member)
- d. Recruiting
Need to recruit new members when they attend the MSTD organized sessions
- e. Embedding Topical Meetings
To be discussed offline.

11. New action items

- I. ACTION ITEM: Talk to Clarissa about MiNES 2023 programming and get a report from the MiNES 2021 meeting.
- II. ACTION ITEM: Bring back embedded topical. Ken, Simon, and Rory will work on it.
- III. ACTION ITEM: Simon will lead the discussion (with Richard Howard, Colby Jensen, and Brenden Heindrich) on irradiation testing and appropriate avenue to present and publish technical papers
- IV. ACTION ITEM: Form proposed committees and rotate newly voted EC members while preserving institutional knowledge. Troy will follow up with Luke H., Luca C., Chaitanya D., Vincenzo, R., Jake Q., Haiayan Z., Tsveti, P., and Fidelma D.L. about being on their assigned committees. Committee members need to schedule a meeting and follow up with Troy.