

Isotopes and Radiation Division Meeting Minutes

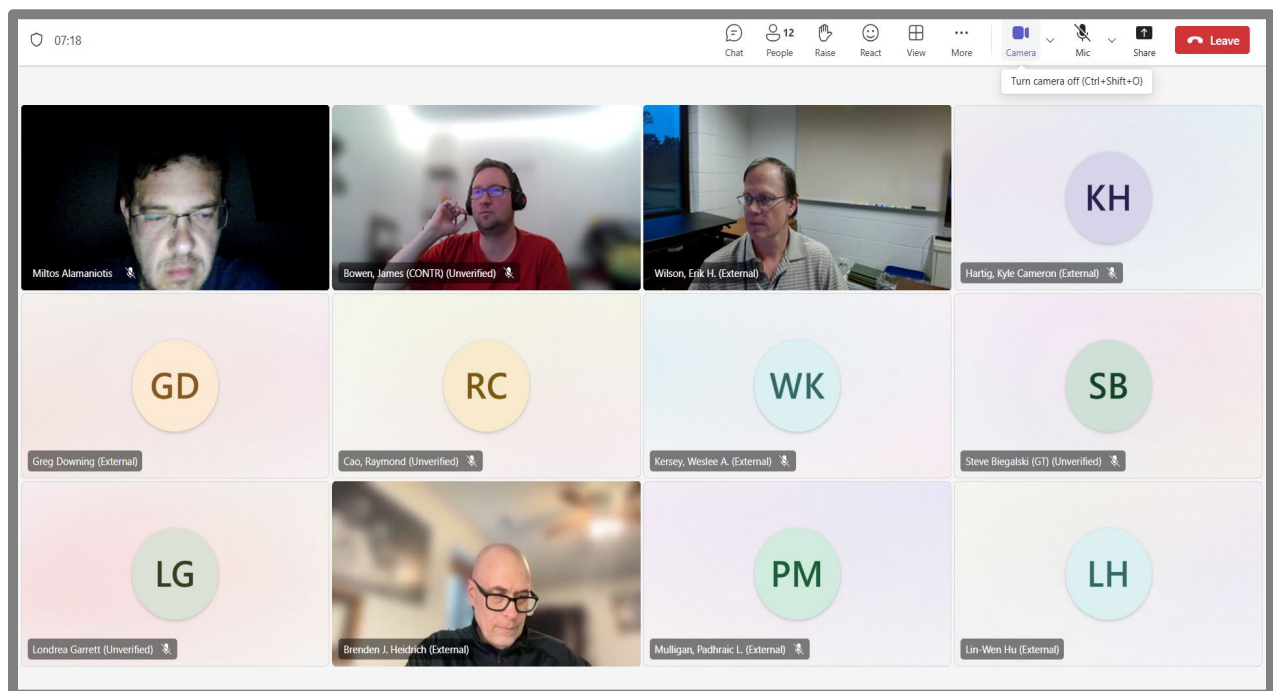
Virtual Meeting
June 13, 2025, Time: 9:30-11:00 pm (EDT)

Location: MS Teams

Attendees:

James Bowen, Erik Wilson, Kyle Hartig, Greg Downing, Raymond Cao, Weslee Kersey, Steve Biegalski, Garrett Londra, Heidrich Brenden, Padhraic Mulligan, Lin-Wen Hu, Miltos Alamaniotis

MS Team Screenshot:



1) IRD Executive Committee Meeting call to order

Meeting was called to order.

2) Review of Past Minutes from Nov 2024 Meeting.

Motion to approve (Steve). Review of minutes was approved by everyone.

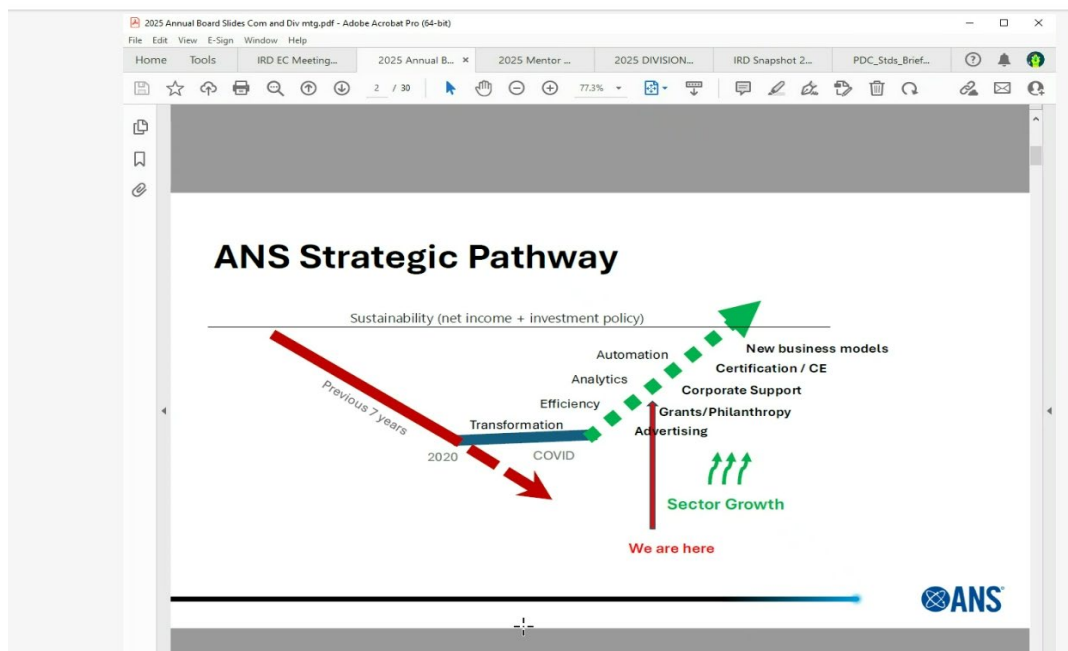
3) Review Status of Action Items from Nov 2024 Meeting

- a. Update website – Ongoing (Miltos)
 - Miltos will update in the next 20 days.
- b. ANS 15 – Licensing research reactors - Lin-wen to find someone to participate on this committee
 - There was no a follow up
- c. Update bylaws and rules – Jim
 - No actual update. A division officer will contact Jim (in summer probably).
- d. Student awards for RANC - LaMont to provide update on award format, then vote on email
 - No update yet.

4) ANS Operations Overview

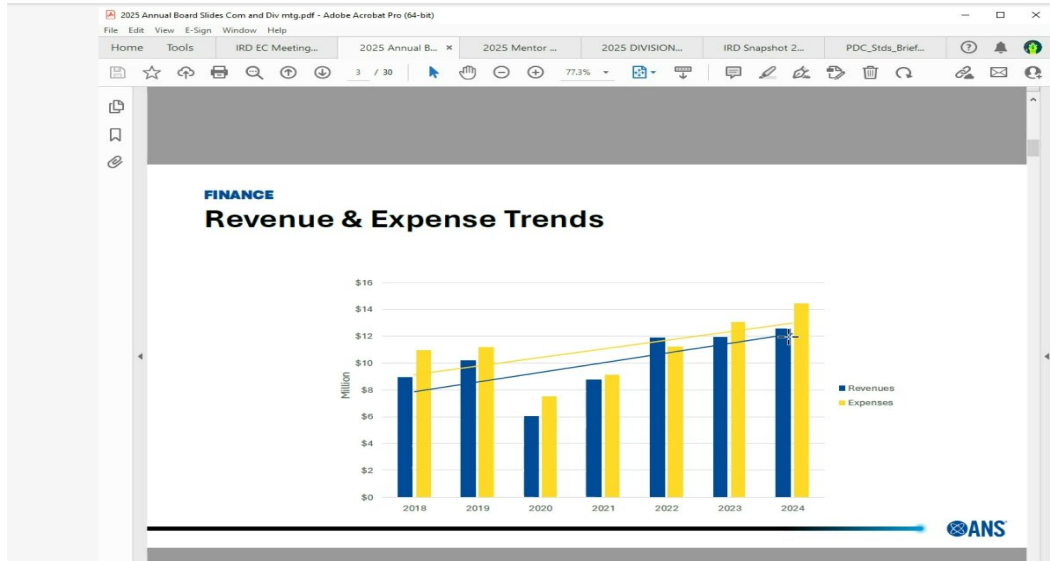
- Presented by Craig Piercy to the ANS professional divisions (Jim attended). Craig provided a brief overview of the period before and after COVID.

Basic slide of presentation:



- Craig said that investments made by ANS will fill the gap between expenses and revenue.

Slide with revenue and expenses:



Also Jim reported:

- Annual conference attendance was very strong, exceeding expectations.
- Individual memberships continue to grow.
- Student membership is also increasing.
- Efforts are underway to launch a mentorship program; additional mentees are needed.
- *Nuclear Newswire* pageviews continue to rise year over year, with 2025 showing higher numbers than 2024.
- Certificate courses remain popular — *Nuclear 101* is sold out, marking 20 years of registrations.
- New courses on radioactive waste management are being developed.
- The Certified Nuclear Professional exam applications are open this month. Heidrich asked whether there are preparatory

classes before the exam; Jim was unsure of the answer.

- K–12 educator initiatives are expanding, with new accelerator clubs launched in Texas, Tennessee, and North Carolina.
- *Nuclear News Daily* continues to grow — both in subscriber numbers and journal downloads.
- Article submissions to *ANS journals* are increasing.
- Fifteen webinars were held this year, attracting a total of 15,000 participants.
- Jim encouraged participation in the Rapid Response Task Force; interested members may contact Erik.
- ANS has been featured in major media outlets, including *Science* and *Fox News*, and maintains a strong social media presence.
- Website traffic for ANS continues to increase.
- Jim also presented on policy engagement, outreach, and areas of impact.
- Isotope production, an area associated with IRD, is of growing interest to ANS.
- ANS is collaborating with Elsevier to post standards on Engineering Village and Compendex.
- The Mentor Match program is now open; Jim provided the key dates for participation.

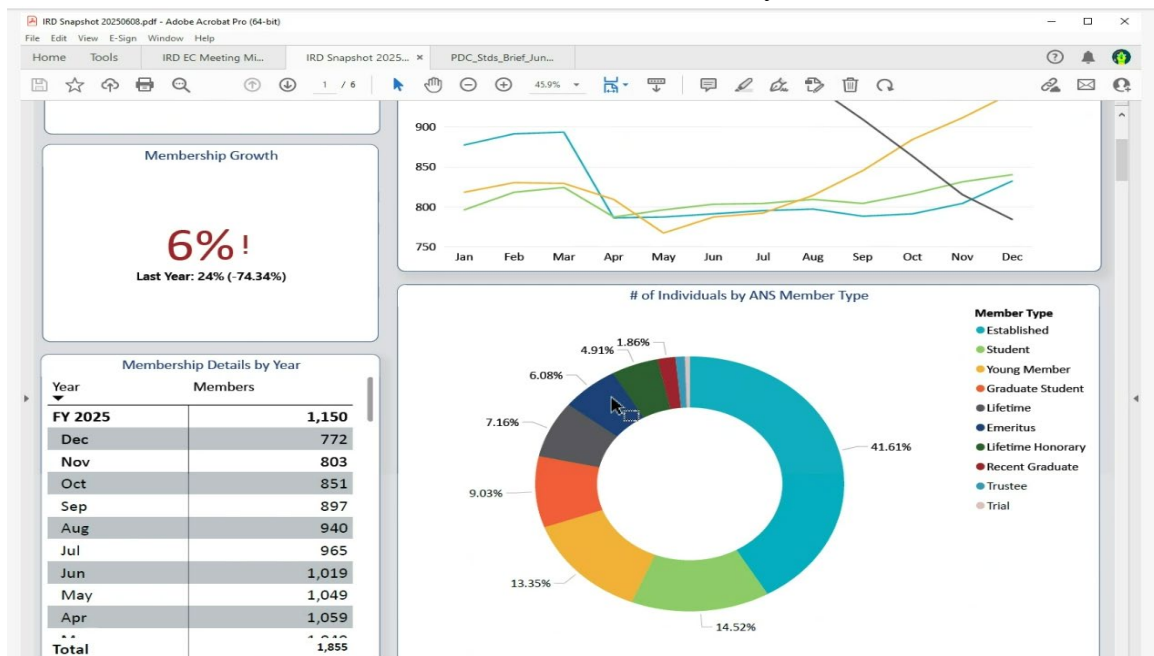
5) Treasure's Report

- Greg presented the current financial status. The IRD account balance stands at **\$83,278.**
- Student scholarships have been paid.

- The **Vogt Scholarship** authorized expenditures totaling **\$6,254**.
- The **IRD Award Fund** allocated **\$2,000** to Steve, with an additional **\$3,762** available for spending in 2025.
- **MARC boost** of approximately **\$12,000** is expected to be added to the IRD account.
- No questions were raised to Greg following his report.

6) IRD Statistics

- Currently we have over 1000 members.



- Statistics were provided by type, individual, state, and country. A breakdown by city was also presented, with **Knoxville** having the highest number..
- A comparison of IRD members by type was presented.

7) Division Committees

a. Program

- Igor was unable to attend, but he had submitted his report, which Jim presented. There will be six sessions in the upcoming meeting.
- Lin-Wen noted that Eric organized sessions previously, achieving very high turnout.
- For the Winter Meeting in DC, three sessions are planned. Igor inquired about organizing meetings in Denver and should be contacted regarding arrangements, along with Kenan..
- We have the IEEE Symposium in October, and ARIMA is happening now (June).
- Jim presented the list of conferences associated with IRD. Igor's report includes all of them.
- Lin-Wen inquired whether \$2,000–\$3,000 could be used to sponsor the TRTR (Test Reactor) Conference to raise the profile of the division.
- Steve suggested that the conference organizer should formally request sponsorship from ANS. Brendan agreed and added that a session at the conference might also be possible.
- the sponsorship webpage was provided by H. Brendan:
<https://na.eventscLOUD.com/website/81035/sponsorships/>

A discussion followed regarding the possibility of hosting a session at this year's conference, which is taking place at Texas A&M.

b. Honors and Awards

- No updates.

8) Subcommittees

- a. Industrial Measurements and Applications (Cao)
 - Not many papers in this area. Not significant updates
- b. Nuclear and Atomic Analysis (Glover & LaMont)
 - No updates. We need to reach Glover.
- c. Radiation Effects (Cazalas)
 - No updates from Cazalas
- d. Transuranics (Glenn)
 - Glenn just retired. We need to reach whether he is still interested.
- e. Safeguards, Forensics and Non-Proliferation (Biegalski/Hartig)
 - Getting some papers in this area. Low attendance, still building up.
- f. Research Reactors (Hu/Wilson)
 - Dr. Hu attended the European Reactor Conference and reported that SMRs (Small Modular Reactors) were a major topic, attracting significant attention, particularly from Asian countries. Lin-Wen provided a summary of all conference activities..
- g. Isotope Production (Bowen)
 - Jim indicated the need for someone to take over leadership of this committee and solicited suggestions for potential candidates.
- h. Neutron Sources, Neutron Beams and Applications (Unlu)
 - No updates.
- i. Gamma and Neutron Imaging Applications (Jovanovic)
 - No updates.
- j. Development and Applications of Nuclear Technology for the Life Sciences (Steinhauser/Steiner)
 - No updates.

9) Other Interfaces and Contacts

- a. Standards Committee Interface (Burns and Downing)
 - The ANS Standards Newsletter is available online. Jim can provide a copy to anyone

interested. Additionally, a new strategic plan for standards has been introduced.

- A list of standards committees was provided, along with the standards needing volunteers. Lin-Wen requested that the standards list be distributed to the Executive Committee (EC)..

b. Environmental and Siting Consensus Committee (not filled)

- No updates

c. Safety and Radiological Committee

- No updates were provided; however, the committee needs to consider if and how to get involved.

10) Old Business:

a. YMG recruiting and IRD membership

- A student representative is in place. Wesley suggested organizing a webinar..
- Anyone interested in participating should contact Jim or Erik.

b. Updating IRD Website

- Miltos will take over.

c. Update Bylaws and Rules

- Jim has already provided a report on this topic.

d. Document management – options

- No updates

11) New Business

- TRTR Sponsorship: Brendan will contact the TRTR committee and report back to the Executive Committee (EC). Steve noted that once a response is received from TRTR, the ANS sponsorship procedure must be followed.
- NPSS Involvement: R. Cao mentioned that IEEE NPSS is very interested in the SMR area, particularly regarding instrumentation. While other divisions may be more directly relevant, it could be beneficial for IRD to engage and explore potential collaborations. Raymond wanted to share this information..

- Immediate Action: Jim will send out the standards file to the relevant members..

12) Conclusion

- Adjournment: Kyle moved to adjourn the meeting, and Raymond seconded.