

Agenda
Isotopes and Radiation Division
On-Line:
June 10, 2022 1:00-3:00 pm (ET)

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MWM2M2RkNzQtYTc4NS00YTdkLTg2ZjEtYzFINTE2YmY5Njkx%40thread.v2/0?content=%7b%22Tid%22%3a%22482198bb-ae7b-4b25-8b7a-6d7f32faa083%22%2c%22Oid%22%3a%22d8fe6398-c07c-47a9-a2cd-577be67d8aa6%22%7d

- Steven R. Biegalski, Chair
- Kim Burns, Vice Chair
- Robert Greg Downing, Treasurer
- Jim Bowen, Secretary
- Brenden Heidrich, Executive Committee Member
- Derek Haas, Executive Committee Member
- Lin-Wen Hu, Executive Committee Member
- Padhraic Mulligan,
- Kenan Unlu, Executive Committee Member
- Jung Rim, Executive Committee Member
- Vaibhav Sinha, Executive Committee Member
- Sam Glover, Executive Committee Member
- Robert Steiner, Executive Committee Member
- Steven LaMont, Executive Committee Member
- Erik Wilson, Executive Committee Member
- Kyle Hartig, Executive Committee Member
- Raymond Cao, Executive Committee Member
- Peter Hotvedt, IRD Liaison for YMG and Student Section Committee

1. Steven Biegalski called the meeting to order.
 - a. Agenda is included as Attachment 1.
 - b. Quorum is Present
2. Review of Past Minutes from November 2021 Meeting.
 - a. Annual Meeting Minutes are included as Attachment 2.
 - b. Motion to approve – Kim Burns, Seconded – Brendan Heidrich, All Ayes
3. Treasure’s Report
 - a. **Info in email**
4. IRD Election Results
 - a. Kimberly Burns – Chair (Previously elected as Vice-Chair)
 - b. Stephen LaMont – Vice Chair
 - c. Michel D. Heibel – Executive Committee
 - d. Georg Steinhauser – Executive Committee
 - e. Kyle C. Hartig – Executive Committee
 - f. Brenden J. Heidrich – Executive Committee
 - g. Igor Jovanovic – Executive Committee
 - h. Steven Biegalski – Executive Committee
5. IRD Statistics
 - a. Steven Biegalski presented ANS and IRD statistics, included as Attachments 3 and 4.

- b. Question raised about the large number of student members and how many convert to professional members
 - i. Padhraic Mulligan is investigating the same question for another division
6. Student Conference/Support Topics:
- a. 2022 – ANS Student meeting – UIUC, Urbana, IL
 - b. 2023 – ANS Student meeting – UT, Knoxville, TN
 - c. Student conference chairs are no longer visiting each division and instead are presenting to the PDC that has all division chairs in attendance
 - d. Any questions can be emailed to ans23stucon@gmail.com
 - e. Motion: IRD will contribute funds for the ANS 2023 Student meeting in Knoxville
 - i. \$1,000 split between two awards related to IRD areas of interest, with ability to amend at Winter Meeting Exec after reviewing what other divisions are doing
 - ii. Biegalski motioned, Derek Haas seconded
 - iii. All Ayes
 - f. Motion: IRD will provide \$1,000 for student travel to national meetings
 - i. Biegalski motioned, Kenan Unlu seconded
 - ii. All Ayes
7. Division Committees
- a. Program
 - i. IRD Sessions at June 2022 ANS Annual Meeting in Anaheim, CA
 - Two technical sessions and one panel session
 - ii. IRD Sessions at November 2022 ANS Winter Meeting in Phoenix, AZ
 - Two technical session: General and Safeguard Measurement Techniques for High Level Radioactive Waste
 - Create a panel session on isotope supply
 - **Action:** Steve Biegalski to recommend a plenary panel about isotope supply
 - iii. IRD Sessions at June 2023 ANS Annual Meeting in Indianapolis, IN (June 11-14, 2023)
 - Please send a 100-word summary if you are interested in organizing a session
 - iv. IRD Sessions at Nov 2023 ANS Winter Meeting in Washington, D.C.
 - Erik Wilson to organize a technical session on Isotope Supply
 - b. Honors and Awards
 - i. Vogt Award
 - ii. Radiation Science & Technology Award
 - iii. Gozani Family Graduate Scholarship
8. Conferences
- a. MARC
 - i. Meeting summary provided by Steve LaMont
 - b. ICI July 23-27 2023
 - c. RANC May 7-12 2023
 - i. **Action:** Steve LaMont to investigate having a student award for RANC conference
 - ii. **Action:** Steve Biegalski to investigate honorary student memberships
 - d. INMM July 24-28
 - e. Actinides, Sept 21-23 in Dresden Germany
 - f. IEEE
 - g. SORMA
 - h. INMM Annual Meeting May 22-26
 - i. ANIMMA June 12-16, 2023 in Pisa Italy
 - j. Others?
 - k.

9. Public Statements
 - a. PS 72 (Use of HEU for production of medical isotopes) – Has been submitted
 - b. PS 32 (US radioisotope supply) – Still working to include comments on infrastructure support
 - i. Kenan Unlu and Padhraic Mulligan to assist Lin Wen Hu
10. Subcommittees
 - a. Industrial Measurements and Applications (Cao)
 - i. Submitting session application for 2023 Annual Meeting (Radiation detection for harsh environments and industrial applications)
 - b. Nuclear and Atomic Analysis (Glover & LaMont)
 - i. Just held MARC XII and will have next one in three years
 - ii. Neutron imaging session organized by Aaron Craft (INL) was very well attended
 - c. Radiation Effects (Cazalas)
 - d. Transuranics (Glenn)
 - e. Safeguards, Forensics and Non-Proliferation (Biegalski)
 - f. Research Reactors (Mulligan and Hu)
 - i. Winter 2023 technical session on “New Reactor Concepts”?
 - g. Isotope Production (Bowen)
 - i. Winter 2023 technical session on isotope production
 - h. Neutron Sources, Neutron Beams and Applications (Unlu)
 - i. Gamma and Neutron Imaging Applications (Jovanovic)
 - j. Development and Applications of Nuclear Technology for the Life Sciences (Steinhauser and Steiner)
11. Other Interfaces and Contacts
 - a. Standards Committee Interface (Burns and Downing) – No update
 - b. Environmental and Siting Consensus Committee (not filled)
 - c. Safety and Radiological Anal
12. Old Business:
 - a. Review Rules and Bylaws
 - i. Reviewed and established new bylaws during BMD merger
 - b. YMG recruiting and IRD membership
 - i. Peter Hotvedt will provide suggestions for more engagement with YMG
 - c. Updating IRD Website
 - i. **Action:** Bowen to update website, including subcommittee information on “Get Involved”
13. New Business
 - a. Isotope supply (Stable and radioactive)
 - i. Padhraic has spoken with ORNL’s IP manager. A statement is a good idea, but DOE IP would like to review prior to releasing
 - b. Indianapolis, IN
14. Conclusion