

Minutes

**ANS Accelerator Applications Division Executive Committee Meeting
2017 ANS Annual Meeting at Hyatt Regency
San Francisco, CA
June 12th - 11:30 am - 1:30 pm**

Location: Garden B

Attendees:

Chair:	Charles Kelsey
Secretary/Vice Chair Elect:	Reg Ronningen
Treasurer/Secretary Elect:	Bill Horak (via proxy)
2017 Executive Committee:	Blair Bromley
2018 Executive Committee:	Mohamed Yousry Gohar
2019 Executive Committee:	Phil Cole (via Skype)
	Ross Radel
ANS Board Liaison:	Gary Taylor
Visitor:	Matthew Jasica (Student, U. Wisconsin-Madison)

Not in attendance:

Vice-Chair/Chair Elect:	Erich Schneider
Treasurer Elect:	Gregory Dale
Treasurer/Secretary Elect:	Bill Horak
Past Chair:	Jim Stubbins
2017 Executive Committee:	Andrei Afanasev Peter Hosemann
2018 Executive Committee:	Gary Barbin Alexander Barzilov
2019 Executive Committee:	Richard Lanza
2020 Executive Committee:	John D. Galambos Michal Mocko Lin Shao
Young Member Liaison:	Mayir Mamtimin
Proxies:	William Horak: held by Charles Kelsey

1. Introductions
 - Acceptance of proxies; quorum confirmed.
2. Minutes from 7 November 2016 Meeting
 - C. Kelsey emailed minutes to the division list.
 - Acceptance of minutes approved.
3. Acceptance of Agenda
 - C. Kelsey emailed agenda to the division list.
 - Acceptance of agenda approved.
4. Visiting Student Presentation (not on agenda)
 - Matthew Jasica (Graduate Student, U. Wisconsin-Madison), representing the

Young Members Group and the Fusion Energy Division, proposed AAD participation in a series of webinars set up and coordinated by the Young Members Group, aiming at students to help them know what featured divisions are about and what they do. A webinar, targeted for late September or early October, might include AAD, FED, and Aerospace Nuclear Science & Technology Division. The Young Members Group is thus looking for one or two speakers representing AAD. There was discussion on possible ANS guidelines, but the Committee is not aware if any. There was discussion on content. The content time scope is about 10-15 minutes per division plus open discussion (~1-hour session total). The Committee viewed the proposed webinar as a good opportunity to approach students and entice membership. Matthew Jasica is to send email containing needs, possible examples to C. Kelsey for circulation to the Executive Committee for volunteers. Contacts for the webinar effort are M. Jasica and B. Bromley.

Action: C. Kelsey will ask membership for volunteers.

5. Chair's Opening Remarks

- Recap of Professional Divisions Training Workshop

- National Program Committee chair presented. Representatives are needed from each division. P. Cole is the AAD representative on NPC, but not a member of NPC.

Action: C. Kelsey is to check requirements for serving, term duration etc. to see if an AAD member is needed.

- Division Representative Roles and Responsibilities will meet Wednesday.
- Screening Committee Workshop on Sunday
 - Topical meeting website provided. Encourage divisions to use them as AAD has done for AccApp'17.
 - Definitions of classes presented: Class 1: AAD 25% of proceeds, Headquarters 50%, Host 25%; Class 2: AAD, 0%, Headquarters, Host 100%; Class 3: \$30 per paper, \$50 per panel discussion under 3 hours, \$100 if over 3 hours; Incentives for class 3: \$1000 for >100 papers, \$1000 if meeting milestones are met.
 - Call placement is 2 years out, approvals are 12 -18 months out; then final approval is 3 - 6 months out, closeout due 3 months after meeting.
 - Communications are especially important between preliminary and final approvals.
 - Resources for planning meetings are available, e.g. invitee templates.
 - A reminder was given to adhere to branding.
 - Meeting slides available at the PDC Collaborate for more information.
 - There was discussion of Standards committees, criticality safety mainly, AAD not currently supporting any standards. There was EC discussion of John Miller comments on criticality standards applicability to accelerator driven systems.

- Division Chairs Meeting

The Illinois-based corporation for ANS will happen in November 2017. There are coming major bylaw revisions with that change. Technical journals are currently outsourced. The three major journals are now available to all members on line, which is added value for membership. A development officer will be hired to take a professional approach to fundraising; President Andy Klein congratulated and thanked the divisions for an outstanding response to the request for Grand Challenges. Titles were announced. Divisions are invited to report on progress toward

achieving them and to use them as focal points for future activities. Division input requested by ANS Board of Directors on solicitation of those who have grass roots experience such as current or past division chairs, other officers.

Action: AAD should provide suggestions for two potential candidates for Board of Directors (the four-year Executive Committee list may be useful for this), to President Andrew Klein.

President-elect Bob Coward's expectations presentation noted looking forward approach as it is now a critical time for nuclear energy and that decisions made now have significant future impact. ANS is a key stakeholder and must be proactive, aggressive, and adaptable. Non-optional changes are needed in view of operations in a deficient, perhaps because not enough value seen; change by management (make the case, getting by-in, create and implement plan, follow-up checks for support, reinforcement, multiyear required, identifying strengths and doing these, identifying weaknesses – stop these) state of society report emailed to division chairs. **Action:** C. Kelsey is to share this message with AAD. There was discussion noting that ANS membership in power industry is low relative to number of employees and needs to be larger. Comparisons were made to the Canadian Nuclear Society, about 10% the size of ANS. However, B. Bromley noted that CNS meetings are geographically localized, with one meeting per year and fewer topical meetings. It does provide 450 attendees versus 1000 members. There is a need in both societies to increase value of membership and better communicate this value, to increase membership.

6. Finances and Treasurer's Report

March fund shows \$33222.56

Student disbursement requests for AccApp'17: four \$500 awards for travel, \$500 as a paper award.

AccApp'17 will hopefully generate \$8000- \$10000.

7. Grand Challenges

- AAD proposed two (see AAD website) now included in ANS Nuclear Grand Challenges:
 - Dispose of spent nuclear fuel using Accelerator Driven Systems (Y. Gohar lead)
 - Accelerate new materials licensing for nuclear applications using ion beam irradiation (P. Hosemann lead)

The second one was generalized to "Accelerate development and qualification of advanced materials". President Klein identifies AAD as a primary sponsor of this Challenge along with Aerospace Nuclear Science & Technology Division, Fusion Energy Division and Materials Science & Technology Division. AAD needs to figure out how help answer the Challenge as primary sponsor.

8. AAD Website: <http://aad.ans.org/>

- Site is up to date; WordPress easy to use.
- Useful information content is needed and suggestions are for
 - Newsletters, message from the chair. The publications page is light on content. However, from discussions copyright considerations are important. C. Kelsey is to request guidance at the upcoming Professional Divisions Head meeting.
- C. Kelsey is currently administrating the site, and will continue to do so along with P. Hosemann also having administrator privileges.

9. 2018 ANS Student Conference Delegate Presentation

- University of Florida will sponsor April 5-7, 2018 ANS Student Conference “Nuclear Equality in Policy, Energy Access, & Within the Engineering Community” (<http://www.ansstudentconference2018.com>). The technical focus is on INEL work, high performance computing, student hands-on training in nuclear characterization, neutron activation analysis; Tours: navy submarine, Kennedy Space Center, and other on-campus tours having a nuclear focus such as medical physics programs etc. The sponsorship packet has been sent for review.
- The delegation requests that AAD considers Best Paper sponsorship. Early advertisement would be welcome to help ensure students to understand options for travel and other awards; The delegation also requests any comments before the Winter meeting to help improve student conferences.
- 2017 Meeting Update
 - Leslie Ann Alasagas *et al.* (US Naval Academy) won both 5th place as a Best Overall Paper and AAD Best Podium Presentation.
 - No paper award was given as AAD donations were not well earmarked. The delegation requests that AAD provide clear guidance on disbursement forms and communicate to chairs how awards to be distributed as communications on this is not working well.

10. AccApp Conference Series

- AccApp'17 status
 - P. Cole received final approval yesterday. There are 169 abstracts, 28 posters, and 200 registrants to-date. The website is up. IAEA support is 15,000 euros for 6 from member states. This conference has exhibitors for the first time. There are 8 exhibitors with 3 at the bronze level. Springer-Verlag will provide books to be presented for awards. This is the first Class 1 conference outside of the US. Partnering with CNS has gone well.
 - P. Cole requests that AAD EC help select students for travel awards. There are 16 student poster submissions eligible for the four \$500 travel awards. AccApp attendance is mandatory for receiving an award. Cole will provide abstracts via email with request for each to rank the top 8. The rankings are due to Cole by the evening of June 17. Cole will compile the rankings to determine the top four from the individual rankings.
- Plans for AccApp'19
 - The location is Vienna, which has strong IAEA support. It will be a Class 1 meeting with ANS even though outside of North America.

11. New and/or Unfinished Business

- The AAD representative to the ANS Honors and Awards Committee will be P. Hosemann
- Metrics:
 - This was not mentioned at the workshop nor at the chairs committee meeting. President-elect Coward's presentation indicated that things are changing, so we will wait for these and then align our responses.
- Strategic Plan:
 - Added or improved value to members is important in the plan. People will then want to join because there are tangible benefits. It was decided to leave Metrics and Strategic Plan for the next chair as changes are coming.
- Communications
 - Newsletter: R. Ronningen is still on the line for this.
 - ANS Collaborate: It is a work in progress, positive for format, but has a

steep learning curve. Changes are likely to come to Collaborate.

- All Other Business
 - Past-chair Tom Ward's company (TechSource, Inc.) would like to give a one-time \$2000 corporate scholarship for AAD to administrate. There is an online application form. The Scholarship Committee reviews and recommends winners. C. Kelsey will write letter of recognition to Ward's company, which will be posted in that newsletter and on Collaborate. There is a need to have recognition/photo-op session at AccApp'17. The AAD EC would like Ward to announce the award at the plenary session, as Ward is likely to attend. Kelsey is to pick up the check for delivery to AccApp'17.
 - It needs to be advertised that the AAD scholarship will be available with applications due in January. **Action:** AAD is to review applications and to make recommendations.
 - Election results:
 - Erich Schneider - Chair
 - Reginald Ronningen - Vice Chair
 - William Horak - Secretary
 - Gregory Dale - Treasurer
 - John Galambos - Executive Committee
 - Michal Mocko - Executive Committee
 - Lin Shao - Executive Committee
 - Handoffs:
 - To-date there has been little to no handoff to newly elected executives. **Action:** Outgoing officers need to reach out to those incoming, providing training and resources support.
 - Proposed sessions topics are needed for the November 2018 meeting in Orlando. Perhaps there can be co-sponsorship with another division. A focused-theme panel discussion was discussed, having a theme such as accelerator facility capabilities having alignment with Grand Challenges. Discussion and suggestions for the best speakers for this effort needs to start now. Paperwork is due by October.
 - Executive Committee nominees
 - **Action:** AAD members to send nominee names to C. Kelsey by end of the September 2017 to meet the November 2017 meeting deadline. Please communicate with your nominees in advance to solicit agreement to serve.

Meeting adjourned 1:20 pm