

**Minutes of
ANS Accelerator Applications Division Executive Committee Meeting 2021 ANS Summer
Meeting (Virtual)
June 14, 2021**

Location: Virtual Webex
<https://lanl-us.webex.com/join/gedale>

Chair: Gregory Dale
Vice-Chair: Valeriia Starovoitova
Secretary: Lin Shao
Treasurer: Eric Pitcher

Past Chair: Bill Horak

Executive Committee and Liaison Members:

2021: Blair Bromley, Lawrence Heilbronn, Fredrik Tovesson
2022: Eva Birnbaum, Rolland Johnson, Irina Popova
2023: Mohamed Yousry Gohar, Khalid Hattar, Charlie A. Cooper

Young Member Liaison: Faisal Odeh
ANS Board Liaison: Paul Wilson
ANS Staff Liaison: Aubrey Wittington
Ex Officio: Deborah Hill

Incoming (effective June 17 after the ANS Annual meeting)

Executive Committee 2024: Reginald M. Ronningen, Peter W. A. Brown, Ganapati Myneni,
Charles D. Bowman

Secretary: Steven A. Coleman
Treasurer: Fredrik Tovesson

Attendants

Lin Shao, Gregory Dale, Bill Horak, Blair P. Bromley, Charlie Cooper, Eric Pitcher, Ganapati Myneni, Lawrence Heilbronn, Steven Coleman, Valeriia Starovoitova, Yousry Gohar, Kalid Khattar, Paul Wilson, Reginald Ronningen, Rol Johnson, Fredrik Tovesson, Aubrey Whittington, Rolland Jonhnsen

1. Introductions

Gregory Dale introduced everyone and welcome everyone.

2. Acceptance of Agenda

Motion to accept the agenda. No objection. Agenda is accepted.

3. Acceptance of Minutes from November 2020 Meeting

Acceptance is accepted.

4. Finances and Treasurer's Report – Eric Pitcher

From Eric Pitcher

Since the start of the calendar year, total revenues amounted to \$117. The division's 2020 allocation to support student travel to the national meetings was not used because the meetings were conducted virtually. The division was given the option of having the funds held over to support future travel or have it returned to the division, and we chose the latter. We spent \$184 on plaques. Taking all revenues and expenditures into, the division showed a surplus of \$1,933, resulting in a fund balance of \$31,913.

Staci Levy also provided the division with the AAD scholarship fund report. The fund started 2020 with a balance of \$40,496. Two \$1000 scholarships were awarded (to Charles McSwain and Noah Higgins), and over the calendar year 2020, the investment gains were \$6253 (15.44%). ANS Board of Directors took \$4253 from the fund to leave it with a policy approved by the Board in 2014, where investment gains exceeding scholarship distributions are transferred to the ANS general fund, buy-in years where there are investment losses or gains insufficient to cover the awarded scholarships, shortfalls are taken from the scholarship fund. As a consequence of this 2014 change in policy, the AAD scholarship fund has eroded from \$47,325 in 2014 to \$40,496 today.

From Paul Wilson

Paul will follow and confirm.

Greg will ask the Board of Directors to confirm the scholarship fund.

Motion to accept the report is approved.

5. AccApp Conference Series

AccApp'21 updates – From Lin Shao

Currently, the submission portal is open. Invitation of speakers is about to be finalized. Several sessions have been filled quickly, such as materials sessions. The plenary talk speakers will be determined next week. We have some delays, mainly due to the fact that everyone waits for ANS on the decision on whether it will be in person or hybrid.

Things are accelerated now. The organization committee is optimistic that the meeting will be successful.

For the meeting itself, AccApp will have three rooms. One room has the capability of two-way video like true virtual presentations. The other two rooms will be for in person presentations. However, these two rooms will be allowed to play pre-recorded videos, plus question sessions through chat.

All plenary sessions will be in the room equipped for virtual presentation. Plenary sessions will be in the morning. It is planned at this point, the morning of the last day will be a plenary session as well to maximize the numbers.

We have encountered a problem with the publications. ANS journal nuclear science and engineering refuses to accept four-page manuscripts and insists that all accepted papers should be 10 pages above. Therefore, we may invite only about 15 papers to develop into journal papers. The number of 15 is the limit from the journal publisher. For all others, 4-page papers will be published through conference proceedings. For those who plan to publish long papers but are not included into the special issue for AccApp, it is the plan to encourage them to submit as a regular particle with page charge covered by the conference.

For speakers who will present a pre-recorded video because of room restrictions, the registration fee is unclear at this point.

We encourage all presenters, including in person attendants, to upload a pre-recorded video so all attendants can view them later.

IAEA will support \$5000 for the travel support.

Back to the budget, we have \$10k from Texas A&M and \$55K from NNSA. Because of the publication plan change, we may save money, and we are checking how much can be transferred to the division account.

Report is accepted.

6. **AAD Website: <http://aad.ans.org/>**

- **Status**
- **Content suggestions**

Comments: Committee list needs updating

- **Administration**

Aubrey: IT will change website to CMS format. It is suggested to adopt CMS format.

Valeriia: Suggest to provide a link to connect AccApp website.

7. **Nominating Committee - Bill Horak**

Bill: We have four new members to join us. Some of candidates cannot be reached because that contact information from ANS database is not updated. But for others who can be reached, it is quite successful.

Blair: members should provide two emails with the second one as the back up email.

8. 2021 ANS Student Conference Update

9. Current AAD Committees: Any changes/updates needed? Current committees and chairs listed below.

- Technical Programs: Peter Hosemann
- Newsletter: Valeriia Starovoitova, Reg Ronningen

Valeriia: Newsletter is currently under preparation, expects to finish it by the end of June. One article is expected from Texas A&M Univ. One particle related to AccApp will be added to simulate interest.

Greg: Do you have interest to continue as the publication chair.

Valeriia: yes if no others can be found

Greg: you did a fantastic job!

- Honors and Awards: Peter Hosemann
- Liaison with Societies: None (not required in bylaws)
- Nominating: Gregory Dale incoming (as past-chair)
- Webpage: Charles Kelsey, Peter Hosemann
- Scholarship: Yaron Danon (RPI)

Reginald: No application in 2020 for scholarship. Needs to look into subcommittees and membership rotation. Typically we have about 5 to review each year.

Yousry: need to put the announcement on the group website.

Valeriia: needs to put on the newsletter.

Blair: need to encourage those failed applicants to re-apply again.

Eric: Is that right that we have \$1000 per year for two years, one for senior and one for junior?

Greg: I believe it is for two years.

Reginald: let me review it and will get back to you.

Eric: It was pointed by the Board in 2011 that \$1000 might be too small. Division should contribute and make it bigger.

Greg: We will look into it.

Blair: We have inflation during the past 10 years.

Reginald: Stock fluctuation will affect the amount available.

Lawrence: We awarded \$2000, one for junior and one for senior.

Eric: scholarship sub-committee needs to look into the updates.

Blair: We can make scholarships conditional upon a good stock market year. We plan on offering a scholarship, but only if it is not a bad year.

- Young Members Liaison: Faisal Odeh
- Liaison to International Committee TBD (IC website with member responsibilities: <http://www.ans.org/about/committees/ic/>)

Ganapati: I have interest to join.

10. New and/or Unfinished Business

- **Metrics (need to update)**

Bill: Every two years division need to report to ANS about metrics, I am not sure what we are standing right now.

Greg: I will look into this and work with Valariia for that.

- **Succession Plan discussion**

Greg: Thanks to Bill, the succession plan is good.

- **Strategic Plan**

Charlie Bowman: Subcritical reactor is important. But it is not sufficiently reported in ANS issued report for nuclear energy R&D needs. This leaves to AAD to put an effort to promote that research direction. I propose to that AAD to come up a report. I volunteer to draft a report. Then the draft will be circulated to proceed.

Greg: We are positioned to serve the members, and such a report might be too exclusive to other efforts by AAD.

I am willing to put a draft to let AAD decide. The division can decide what to do with it.

- **Communications**
- **Newsletter**
- **Collaborate**

11. Adjourn