

## Minutes

### ANS Accelerator Applications Division Executive Committee Meeting 2018 ANS Winter Meeting at Hilton Orlando Bonnet Creek Orlando FL

November 12<sup>th</sup> – 11:30 am - 1:30 pm

**Location: Union**

**Skype session during meeting was available upon request to members who could not attend (see Attendance Sheet)**

Chair:	Reg Ronningen
Vice-Chair:	Bill Horak
Secretary:	Greg Dale
Treasurer:	Valeriia Starovoitova
Past Chair:	Charles Kelsey

Executive Committee and Liaison Members:

2017: Andrei Afanasev, Blair Bromley, Peter Hoseman  
2018: Gary Barbin, Alexander Barzilov, Mohamed Gohar  
2019: Phil Cole, Richard Lanza, Ross Radel  
2020: John D. Galambos, Michal Mocko, Lin Shao  
2021: Blair Bromley, Lawrence Heilbronn, Fredrik Tovesson  
Young Member Liaison: TBD  
ANS Board Liaison: Paul Wilson  
ANS Staff Liaison: Valerie Vasilievas

1. Introductions
2. Acceptance of Agenda
3. Acceptance of Minutes from 18 June 2018 Meeting (sent to EC members)
4. Finances and Treasurer's Report – Valeriia Starovoitova
  - Report is attached
5. Chair's opening remarks
  - Recap of Professional Divisions Training Workshop
    - Overview of meetings by the National Program Committee chair
    - Reminder of structures of National Committees, ANS meetings, revenue sharing
      - 52% of all ANS revenue comes from meetings
      - ANS is facing challenges that require agile and creative responses
      - Divisions, Local Sections, and ANS National need to work together to achieve our common goals
    - NPC Expectations from Divisions
      - Organize and hold topical meetings
        - Talk to Chip Martin (NPC Chair) and Paula Cappelletti before you start your planning

- Ensure that the meeting host/organizer follows the ANS Topical Meeting Manual
  - Calendar Placement - ~2 years before
  - Preliminary Approval - ~12-18 months before
  - Final Approval - ~3-6 months before
  - Meeting Closeout – Financial Report and Closeout Report- ~3 months after meeting or publication
- Division Representative Responsibility:
  - Support the meeting host/organizer in satisfying NPC obligations for meeting paperwork and closeout
- Each Division may invite up to 5 speakers for a one day comp or 1 speaker for a full meeting comp
- Remember issues such as event insurance, legal issues if conference is outside the US
- Speaker Invite Policy
  - Comp registrations are intended for speakers who would otherwise not be able to attend and present at the meeting
  - Divisions may invite more speakers – but the division must pay the registration fee
  - Must be an official invitation signed by Division Chair before the paper review
  - Letter Templates can be found on Collaborate
- Current Issues
  - Too many stand-alone meetings
    - Impacts on bottom lines and staff ability to support
    - NPC may limit the number of stand-alone topical and encourage embedded meetings
    - Criteria will be viability and prior success
  - NPC may
    - Reduce the number of decision points,
    - Require => 1 week between Class I meetings, and
    - Explicitly include all ANS costs to support Class I topicals in meeting budgets
  - NPC Needs Division Help
    - Better management and oversight of your division’s topical meetings
    - Remind your division reps of their responsibilities
    - Remain in close contact with local sections when they are responsible for managing your meetings.
    - We are seeking special sessions on how your Division is meeting the Grand Challenges
- Overview of the division election process
  - Succession Planning Graphic
    - Sample distributed
    - Ronningen will modify for AAD and send out for approval
- Overview of the OPD Nuclear In My Back Yard Grant Program
  - OPD offers all ANS members the opportunity to apply for funds to support a new ANS product, program or other activity that will help the Society:
    1. Develop the professional skills and knowledge of ANS members

2. Advance nuclear science & technology through collaboration and outreach
  3. Meet the needs of ANS utility and supplier members
  4. Engage the public
  5. Engage policymakers
    - \$65K budget for next year
    - Full program description on OPD website
    - Help OPD by volunteering as judge, technical reviewer etc.
    - New ANS Elected Official Contact Tool: Engage (<http://www.ans.org/engage>)
- Discussion of recent innovations or improvements divisions want to share
    - Utilities Working Conference
    - Need to bring in local chapter members to national membership
    - OPD discussing meeting comps, no registration fees etc.
  - Officer Breakout sessions:
    - Treasurer: focus on interpreting division reports, process for issuing checks, the ANS budget cycle, scholarships
    - Secretary: focus on timelines for taking and completing minutes, voting requirements, defining quorum requirements, ANS logo use requirements
    - Program Chairs: focus on the various ANS forms, meeting timelines
    - Chair/Vice Chair/Executive Committee: reports to ANS board, division metrics, website maintenance, list servers
  - Recap of President's Meeting with Division Chairs
    - Bob Coward stated that from budget projections ANS has a business problem (about 6 years life projected). Need to "reimagine" ANS (Darby Kimball suggested "reinvent" instead of "reimagine")
    - Darby Kimball stated that income sources are shrinking except for technical publications, which are relatively steady. New ideas are usually mission oriented but not usually cost effective. Need better budget efficiencies with programs
    - Bob Fine stated that the new strategic plan is out. The brochure received by attendees is almost the latest version of the plan. 1ANS is one of the guiding principles
    - Bob Coward to look at roles and responsibilities of constituent units; better integration may mean better value
    - The ANS board meeting at the end of the week is, or should, be tasked with prioritized suggestions
    - Craig Piercy provided the "Washington DC report". Legislation atmosphere is more favorable for nuclear: Nuclear Energy Innovation Capability Act of 2017 was passed; DOE may partner in K1-12 project. ANS Engage initiative is available for use (<http://www.ans.org/engage/>). Coming up are nuclear waste, carbon reduction (4 states now have zero carbon programs)
    - Daryl Rizzo presented for the Center for Nuclear Science and Technology. The Center is funded by donations: \$0.6M now and \$1.2M pending. Those who donate are recognized, Division and individual support is appreciated. Effectiveness: 60,000 students have taken the virtual power plant tour; 50% of schools in the US have training materials

- President John Kelly presented on new initiatives: advanced reactor special committee formed to review and advise on new designs. ANS does codes and standards very well. Subject matter experts are needed. Technical sessions on advanced reactor designs are needed.
  - Recap of International Committee Meeting
    - Did not attend
  - Recap of Mentor's Meeting
    - Ronningen talked with 2 nuclear engineering students from Pennsylvania State; they were actually interested in plasma physics but spent the hour talking with him
  - Professional Development Committee Meeting, November 13
    - Ronningen will distribute meeting presentation when it is made available
  - Reminder of AAD: General Technical Session, November 13, 3:55pm-6:00pm
6. AAD Website: <http://aad.ans.org/>
- Status
  - Content suggestions
    - AccApp'20 announcement with site address asap with poster to follow
    - Student Award Winners
    - Excerpts from student thank-you letters for AAD support
    - Newsletter
  - Administration
7. AccApp Conference Series
- Ronningen and Horak attended National Program Committee Screening meeting, Nov. 11, as proxies for Phil Cole and Valeriia Staravoitova
  - AccApp'20 was approved for April 5-9, 2020 in Vienna at IAEA.
  - Announcement on website and flyer to be finalized soon.
8. Nominating Committee report on Executive Committee nominees – Charles Kelsey
- One candidate for Treasurer of Executive Committee in 2019 ANS Elections
    - Lin Shao, Professor, Texas A&M University
  - Six Candidates for Executive Committee in 2019 ANS Elections
    - Ganapati Myneni - Executive VP and COO, ADNA Corporation (Jefferson Lab) and Virginia Nuclear Energy Consortium Authority
    - Charles Bowman – Founder, Accelerator-Driven Neutron Applications (ADNA) Corporation
    - Yican Wu – Professor/Leader of FDS Team, Institute of Nuclear Energy Safety Technology, Key Laboratory of Neutronics and Radiation Safety, Chinese Academy of Sciences
    - Rolland Johnson – President and Chief Scientist, Muons, Inc.
    - Eva Birnbaum – Isotope Production Program Manager, Los Alamos National Laboratory
    - Irina Popova – Nuclear Scientist, Oak Ridge National Laboratory
9. Current AAD Committees: Any changes needed? Current committees and chairs listed below.
- Technical Programs: Peter Hosemann
  - Newsletter: Reg Ronningen (Valeriia Staravoitova has volunteered to help)
  - Honors and Awards: Peter Hosemann
  - Liaison with Societies: None (not required in bylaws)
  - Liaison to ANS Standards Committee: Charles Kelsey
  - Nominating: Charles Kelsey

- Webpage: Charles Kelsey, Peter Hosemann
- Scholarship: Yaron Danon (RPI)
- Young Members Liaison: TBD
- Liaison to International Committee: Ronningen (IC website with member responsibilities: <http://www.ans.org/about/committees/ic/>)

#### 10. YMG Report

- AAD-YMG Liaison: suggestions for assignment

#### 11. New and/or Unfinished Business

- Metrics
- Strategic Plan
  - Suggest making AAD version of new ANS plan
- Communications
  - Learn to use Collaborate; OPD site is valuable; PDC site also valuable as it contains Resources for Division Officers and Resources for Professional Division/TG Committee Officers
- Thank-You Letters from Students Obtaining AAD Support
  - Six letters received. Quotes will be used in a news item for the next newsletter

#### 12. Grand Challenges

- “Accelerate development and qualification of advanced materials”
  - AAD considered a primary sponsor along with:
    - Aerospace Nuclear Science & Technology Division
    - Fusion Energy Division
- Discussion of how AAD can best help meet Challenge
  - Planning was discussed. An AAD-sponsored and organizing panel discussion addressing the advanced material Grand Challenge could be titled “Advanced Material Testing Using Accelerators”. Co-sponsorship with Material Science Division, Fusion Division was discussed

#### 13. Continued Discussion of Proposal to Merge with Another Division

- Noted in upcoming PDC Meeting agenda there is an item about IRD and BMD merger. It would be good to learn why and how this benefits the ANS and those divisions prior to further EC discussion

#### 14. Delegates (Sarah Morgan and Meredith Eaheart) from the 2019 ANS Student Conference at 1:00 pm. This conference will be held at Virginia Commonwealth University April 3-4, 2019

- Reviewers of student papers requested
  - Heilbronn and Ronningen volunteered
- The division has earmarked \$1000 for student awards (Best Paper \$500, Best Poster \$250, Best Presentation \$250)

#### 15. Adjournment

- It was moved and approved to adjourn at 1:10 pm

**Accelerator Applications Division Executive Committee Meeting**  
**Hilton Orlando Bonnet Creek Hotel**  
**Orlando, FL**  
**November 2018**



Name	Initial when present
Only those listed below are voting members of your division	
Reginald Ronningen, Chair	RRR
William Horak, Vice Chair	WCH
Gregory Dale, Secretary	CK Proxy
Valeriia Starovoitova, Treasurer	Skype
Charles Kelsey, Immediate Past Chair	CTK
Paul Wilson, Board Liaison	PPLW
Blair Bromley	BR Proxy - Skype
Philip Cole	Skype
John Galambos	CK Proxy
Lawrence Heilbronn	Lawrence Heilbronn
Richard Lanza	
Michael Mocko	CK Proxy
Ross Radel	
Lin Shao	Skype
Fredrik Tovesson	Skype
<b>Others, please PRINT in</b>	(if there is not enough space, feel free to use the other side)
	<b>E-mail</b>
<b>Name</b>	

Article B10.2 - A quorum for the transaction of business at all Division (or TG) meetings shall consist of fifteen (15) qualified voters or twenty (20) percent of the qualified voters.

# AAD Finance and Treasurer Report

Valeriia N. Starovoitova

November 12th, 2018

# AAD Budget Summer 2018 (Greg Dale)

	2017	2018	2018
	Actual 12/31/2017	AAD Submitted Budget	Actual 6/30/2018
Balance Forward from Previous Year	\$34,575.56	\$30,240.00	\$37,298.06
Budget Funds			
Member Dues Allocation (\$2/member)	\$606.00	\$542.00	\$280.00
Division Income	\$5,616.50		
Total Income	\$6,222.50	\$542.00	\$280.00
Budget Expenses			
Newsletters, Website			
Awards & Plaques			
National Meeting Costs			
Topical Meeting Costs			
Division Officer Expenses			
Student Support	\$3,500.00	\$2,000.00	\$3,000.00
Future Activity			
Scholarship/NEED Funding			
YMG Support		\$1,000.00	
Other Expenses			
Total Expenses	\$3,500.00	\$3,000.00	\$3,000.00
Net	\$2,722.50	\$(2,458.00)	\$(2,720.00)
Total Year End Funds	\$37,298.06	\$27,782.00	\$34,578.06



# AAD Budget Fall 2018 (Valeriia)

Accelerator Applications Division		
	2018	2019 Proposed Budget
<b>Balance Forward from Previous Year</b>	\$37,298	\$34,840 <sup>1</sup>
<b>Budget Funds</b>		
Member Dues (\$2/member)	\$280	\$546 <sup>2</sup>
Division Income		
<b>Total Income</b>	\$542	\$546
<b>Budget Expenses</b>		
Newsletters, Website		
Awards & Plaques		
National Meeting Costs		
Topical Meeting Costs		
Division Officer Expenses		
Student Support	\$2,000	\$2,000 <sup>3</sup>
Future Activity		
Scholarship/NEED Funding		
YMG Support		\$500 <sup>4</sup>
Other Expenses	\$1,000	\$1,000 <sup>5</sup>
<b>Total Expenses</b>	\$3,000	\$3,500
<b>Net</b>	(\$2,458)	(\$2,954)
<b>Total Year End Funds</b>	\$34,840	\$31,886

<sup>1</sup> – Balance forward from June 30, 2018

<sup>2</sup> – Based on member count (273 members as of September 20, 2018)

<sup>3</sup> - \$1,000 ANS Student Travel Award and \$1,000 Student National Conference support e.g. Best Paper Award or Travel Award

<sup>4</sup> - YMG support e.g. Best Paper Award or Travel Award

<sup>5</sup> - Navigating Nuclear support

# Annual Membership

## AAD Annual Membership



# Summary

1. Balance from Dec 31, 2017 is \$37,298
2. 2018 income is comparable to 2018 income since it's mostly from memberships and number of members is similar (314 in 2017 vs. 273 by September 2018)
3. Comparable expenses (\$3,500 in 2018 vs. \$3,000 in 2017), mostly student awards and Navigating Nuclear
4. Expected balance on Dec 31, 2018 is \$34,840
5. Boost in income (and therefore increase in balance) expected in 2020 from AccApp'20