

**MINUTES OF THE Aerospace Nuclear Science and Technology Division (ANSTD) MEETING**  
**AMERICAN NUCLEAR SOCIETY**  
**Parlor 308, Omni Shoreham Hotel, Washington, DC**  
**Sunday, November 15, 2009 12:00 PM to 2:00 PM**

**Members Present:**

Marty Sattison, INL, Chair (EC)  
Shannon Bragg-Sitton, TAMU, Vice-Chair (EC)  
Dion Sunderland, ANATECH, **Treasurer (EC)**  
Paul Edelmann, LANL, Secretary (EC)  
Steve Wright, SNL (EC)  
Bill Culbreth, UNLV  
Ross Radel, SNL  
Tracy Radel, SNL  
Andy Klein, Oregon State  
Heather MacLean, INL (EC)  
John Bess, INL  
Jeff Halfinger, B&W (EC)  
Jeffrey King, Colorado School of Mines  
Robert Singleterry, NASA (EC)

Also:

Travis Trahan, UMich Student Conf Co-Chair  
Michaela Eddy, UMich Student Conf Co-Chair

Minutes (In Order Addressed, by Agenda Item Number)

**1. Call to Order (Marty Sattison) at 12:05 pm**

- a. Welcome and Introduction – Marty welcomed all attendees to the first meeting of the ANST Division.
- b. Introduction of Attendees
- c. Establish quorum – The meeting commenced with only 4 Executive Committee members present. This was 3 voting members short of a quorum, so all actions and motions requiring a vote were postponed until a quorum was present, about halfway through the meeting.
- d. Review and approval of agenda: Lacking a quorum, this was put off until the end of the meeting.

**4. ANS HQ / Professional Division Updates (M. Sattison)**

- a. Report from President's Meeting with Division Chairs
  - Challenges as seen by the ANS President:
    - Medical Isotopes. The demand is so much greater than the supply. What can we do to improve the situation? He would like to see an imbedded topical meeting on this subject.
    - Small Modular Reactors. ANS has formed two special committees related to the topic with the goal of identifying the key issues in getting the technology licensed and deployed.
    - Professional Divisions are doing good work, but nobody knows it. He would like each Division to create a nice brochure that tells about the work within the division and what skills and expertise the membership has to offer. This way he can promote the capabilities of the ANS to the world.
    - Invigorating the ANS. The ANS has hired a professional fund-raising organization. Four target audiences: 1) education K – 12, 2) general public relations, 3) policy makers, and 4) media. First step is to develop a good vision for the ANS.
  - The new electronic voting system and new paper review system were announced.
  - The ANS is in a strong financial position. Reserve funds are up. There are two big budget items ahead: upgrades to the member tracking system (~\$500K) and invigoration effort

(~\$500K, going mostly to local sections). He challenged the Professional Divisions Committee to create a business plan that could support and justify increasing the Division's income from \$2 per member to something greater.

- There was question and discussion on the waste management issue.
- The ANS is looking at a graded approach to membership fees.

b. Report from PD Workshop -- Marty reported on the items addressed the previous evening at the Professional Divisions Committee (PDC) Workshop:

The co-chairs of the 2010 Student ANS Conference, Travis Trahan and Michaela Eddy, presented an update on the upcoming Conference to be held in April at the University of Michigan in Ann Arbor. They also made an appeal for judges, session chairs, and mentors to volunteer at the conference. They gave the web address as: [www.StudentANS2010.org](http://www.StudentANS2010.org). Marty further stated that we need to decide our level of (funding) support for the Student Conference. In the ensuing discussion, it was determined that a voting quorum was not yet present, and that we needed to wait for the Treasurer's Report in order to see the budget before making this determination.

The next item from the PDC Workshop was a document prepared by Darby Kimball which makes recommendations on ways to enhance/increase student/Professional Division interaction. ACTION ITEM: Paul was assigned the task of collecting comments from the entire Executive Committee membership on this document, and responses as to how each member feels our division should address this issue (which recommendations they would endorse). In the discussion that followed, Heather suggested "raising the bar" in terms of roles and expectations for student members, giving them some responsibilities in return for the travel support we provide to them. This would also give them a sense of inclusion. The group was in general agreement about requiring students to attend at least one technical session at each conference attended. They could be expected to write a report on their experience. Feedback on this issue is to be given over to Ross after collection. Paul will receive comments until EOY 2009, and then will compile them and send to Ross.

The next item from the PDC Workshop was a document "Proposal to Abolish Weighting for Student Travel Support Disbursements." Marty opened the discussion by stating that "typically, student disbursements get voted on at the June meeting," and that "this proposal is no big deal to us." The discussion that followed resulted in general agreement that this proposed action would be effective in providing more fairness in the allocation of student travel support funding. Discussion also addressed the differences in disbursement methods between the Student Conference and the National Meetings. Ultimately, Shannon moved to endorse the proposal. The motion was seconded by Heather. The vote was 7 yes, and 0 no. The motion carried unanimously (a quorum had been established during the discussion), and ANSTD endorsement of the proposal was approved.

Another item from the PDC Workshop was ANS National Electronic Voting. It is to be rolled out in 2010, and will feature private, on-line, rules-based ballots. It will be accessible via a link from the ANS web site. This will save the national organization over \$10,000 per year on postage costs alone. It was also noted that only about 30% of the membership actually votes.

Another item from the PDC Workshop was the requirement by Don Hoffman that all divisions submit their approved rules by EOY 2009. Leo Bobeck is our Rules & Bylaws subcommittee chair. He had sent out the proposed revision for comment. By EOY 2009, the ANSTD rules are to be revised, voted on, and submitted. Marty will take the lead on this; after he includes his comments, he'll have Leo complete the revision and send it out to the EC for a vote. Regarding specific rules items, Marty stated that there is apparent ambiguity over a 1 or 2-year term for Chair and Vice Chair. ANSTD has been operating with the assumption of one-year terms of office. It was stated that international participation is being required by ANS Rules. A discussion was held explaining the structure of our EC email ListServ distribution list, and that our ANS staff liaison is Sharon Kerrick, and our board liaison is Don Hoffman (through the PDC). Marty stated that he doesn't have a complete list of the full division membership, and Shannon responded that he can obtain this list from ANS HQ.

The last major item discussed from the PDC Workshop was IT Project status, which was presented by Joe Koblich the previous evening. Joe represented the IT department at ANS HQ. He provided information on the roll-out of the new technical paper review application, to be demonstrated during the Winter Conference on Monday, Tuesday and Wednesday in Parlor 309 at various times throughout the day. The application is new, built by the 3-member IT team. The other item Joe presented was a new “Content Management System” to standardize the different Division web sites, and provide assistance with content postings, features and functionality. Don Hoffman had urged all officers at the PDC meeting to consult with their webmasters and prepare a division position on the CMS and web site assistance proposal. Marty stated that the ANSTD web site has many bad links, and comments are needed from the EC membership. He encouraged a full detailed web site review by the Executive Committee. It was also stated that Eric Alderson, our ANSTD webmaster, plans to revamp our web site over the Christmas break. Marty said he doesn’t support the idea of going with a consultant (named Hannah S.), who would charge \$500 per year per division for maintenance alone. Shannon, Marty and Robert S. all voiced support for the single POC idea, and the offer of web site support from the IT people. Marty said that the proposed system would retain uniqueness of each site, ease of use (posting), and customizability. He had spoken with Joe after the PDC meeting, and he liked what he heard. The new approach would allow for webmaster and super user access. Steve Wright raised a question as to whether we could get links to our site on other org. sites, leading to increased exposure and publicity. Marty said that our content and functionality needs re-work. “We need to look at these things. The PDC needs our input for Tuesday night.”

c. Metrics

Marty said we will receive an update of our 2009 Metrics in February. He had already obtained a copy of the 2008 Metrics. He pointed out that ANSTD’s metrics are mostly green, with a few whites and yellows. One of the blocks that had not “gone green” yet was that of Peer Awards and Recognition. Marty suggested that ANSTD develop an award for “contributions to the field of Aerospace Nuclear Science and Technology” with a plaque, and this should improve our performance in this metric, perhaps resulting in a green block for the 2010 assessment. Other areas not yet green are: Embedded Topicals, Scholarships (not yet in financial position), and Students on Executive Committee.

**5. Bylaws and Rules** (covered earlier in the meeting)

**6. Membership, Honors and Awards Report**

a. ANST Membership

Marty reported that our division membership is at about 490 members, down from 504. He said that our growth remains flat at present, and that ANSTD makes up about 4.7% of total ANS national membership. Our student membership was reported as 139 in July, 138 in August, and is expected to be over 140 in September.

b. ANSTD Scholarship and Award Planning

This was discussed earlier in the meeting, and in Leo’s absence, nothing more could be said.

**7. Nominating Committee Report**

a. 2010 Election Slate

In Leo’s absence, this report was not given, though Marty did recite the prospective slate of officer candidates: Shannon – Chair; Steve Howe – Vice Chair; John Bess – Executive Committee Member; and Marty – Ex-Officio.

**8. Communications and Public Information Report**

- a. Website status  
As was discussed earlier in the meeting (Section 4.b), The website is due for re-work and a revamped site should be up by end of January. It was also stated at this point in the meeting that a “wiki” for public consumption is desired.
- b. Newsletter  
Dion described the process of how the newsletter is published. He sends a PDF to ANS HQ, and then ANS broadcasts it. Shannon added that this is to be directed at the division membership. It was agreed that a newsletter should be issued in December, within a few weeks. Shannon said that items for input should be sent to Dion by the first week of December, if possible. Marty said he would send out a reminder to the division membership.

## **9. Treasurer’s Report**

Dion passed out an ANST Division Financial Report dated September 30, 2009. This shows total budget funds for 2009 at \$4592.00 to date. Our member allocation is \$1008, or \$2 per division member. It was noted that our student support contribution was \$1400 for 2009, and Dion opened the discussion regarding how to split this budget component for 2010. Total 2009 income was estimated at \$2200, consisting of 40 papers at \$30 per paper, plus the member allocation. Shannon estimated that the division income would be about \$3k for 2010. Marty said that this indicates that the division should come out about \$600 in the black, or break even. Shannon proposed a breakdown of 2010 student support as follows: as in 2009, we would provide \$1400 in total student travel support. \$1000 of this would go for national conference travel, and the other \$400 for student conference travel. Another \$200 would be provided for a space-related paper award at the student conference. Shannon then made a motion to approve this proposal, and Ross seconded. The vote was 7 in favor, with none opposed. Motion carried. Heather then made another motion to approve a proposal that ANSTD would designate the session chair and judge for the paper award, and that no more than half of the funds would be allowed for student travel. This was seconded by Shannon, and the motion carried on the vote of 7 in favor and none opposed.

## **10. Secretary’s Report**

With the scheduled meeting time running out, Paul gave a very brief summary of votes taken and notable events which had occurred during the interim period since the Annual Meeting in Atlanta in June. These included:

- a) On Thursday, June 18, 2009, the Board of Directors of the American Nuclear Society voted unanimously to grant the Aerospace Nuclear Science and Technology Technical Group, full ANS Professional Division status. Our new division name became Aerospace Nuclear Science and Technology Division (ANSTD). Our new listserv name: anstd@list.ans.org.
- b) June EC Meeting minutes were reviewed through the summer, and approved by a vote in early August. Minutes were then submitted prior to the National HQ deadline of August 14.

## **2 and 3. Topical Meetings and Technical Program Report**

With time running out on this meeting, Shannon quickly gave a summary of the near past and near future topical meetings and technical programs, including SNSF 2009 and 2010, ANS November 2009 and June 2010 (San Diego, with ICAAP embedded topical), ANS November 2010 (Las Vegas), and NETS-2011. Shannon deferred most of the NETS-2011 discussion to a specific meeting immediately following this one, in a nearby parlor room. She described progress to date on SNSF-2010, to be held Feb. 9-11, 2010 in Huntsville, Alabama at NASA MSFC. The General Chair will be Jim Werner, and the Local Chair will be Mike Houts. This is moving forward well, and all details will be posted on the ANSTD website. Since there are not full papers for this one, not too much support is needed from the EC. This meeting has no registration fee, and has limited spaces due to the small facility size. Mike Griffin will be the Tuesday dinner speaker.

NETS-2011 will be held at the Albuquerque Marriott Hotel. Shannon went over most of the chair positions which are now filled, along with the publications chair.

**11. YMG Liaison Report**

**12. BoD Liaison Report**

None.

**13. Other Business**

**1.b. Review and approval of agenda**

Motion made by Shannon to approve the agenda for this meeting; seconded by Robert S. Agenda was reviewed and approved without revision, by a 7-0 vote.

**14. Adjourn**

Heather moved to adjourn the meeting; seconded by Tracy. Vote was unanimous, 7-0, in favor of adjournment. Meeting adjourned at 2:05 pm.