

MINUTES OF THE Aerospace Nuclear Science and Technology (TG) MEETING
AMERICAN NUCLEAR SOCIETY
Town and Country Conference Center, San Diego, CA
June 5, 2005

Minutes of the **Aerospace Nuclear Science and Technology (TG)** Meeting, June 5 , 2005, Town and Country Conference Center, San Diego, CA.

Members Present:

Andy Klein, Oregon State University
T. K. Larson , Idaho National Laboratory
Shannon Bragg-Sitton, NASA-MSFC, Vice-Chair
William J. Carmack, Idaho National Laboratory, Secretary
Robert Singleterry, NASA, LeRC
Heather MacLean, Sandia National Laboratory
George Miley, Univ. of Illinois, Chair
Donald M. McEligot, Idaho National Laboratory
Pablo R. Rubiolo, Westinghouse Co.
Leo Bobek, Univ. of Massachusetts Lowell
Michael L. Zerkle, Bechtel Bettis Inc.
Kathryn A. McCarthy, Idaho National Laboratory, BOD Liason
Dion Sunderland, Anatech Inc.,
Margaret Miklosi, Ohio State University
Jason Hollern, Ohio State University
Nick DiFrancesco, Ohio State University
Mikaela Biro, Ohio State University
Paul Kollath-Romano, Rensselaer Polytechnic Institute
Rian Bahrn, Rensselaer Polytechnic Institute
Eric Pace, Rensselaer Polytechnic Institute
Eric Alderson, Rensselaer Polytechnic Institute

Regrets:

None

1. Call to order by Chair George Miley.
2. Approval of Nov 2004 meeting minutes.
A motion to approve the Nov. 2004 minutes was seconded and a vote taken. The Nov. 2004 meeting minutes were approved.
3. Treasurer's Report
 - a. Submission of budget to ANS HQ (Action was given to Tom Larson in November)
 - b. \$200 donated to 2005 student conference
 - c. Nov 2005 – suggested \$50 best paper award for student conference – It was decided to take a vote on this item at the November 2005 meeting after receiving information on the budget at that time.

The budget was presented by Tom Larson. The budget is attached to the minutes below. The treasury has increased significantly due to the increased growth of the membership. The finance committee was filled with Mike Zerkle and Tom Larson, chaired by Robert Singleterry. The finance committee is charged with developing a spending plan and budget for the Working Group, with the charter. Emphasis should be put on meeting the goals of the working group by the ANS metrics.

Kathy McCarthy took an action to determine funds required to establish a scholarship that would be sponsored by ANST.

4. 2005 Space Nuclear Conference – status and final business, continuation plan

At the time of this meeting, 226 of 800 ANS conference attendees have requested proceedings of the SNC conference. Final paper count (39 sessions having 130 presentations): 98 full length papers, 30 invited speakers.

A motion was made to thank Lynne Schreiber for her help and entice her to help again at the discretion of the Finance Committee. Passed unopposed.

Continuation plan for follow-on meetings. A motion was made to the Technical Program Committee for a 5 year plan to be presented at the Winter 2005 meeting. Shannon and Dion have been added to the Technical Program committee. Dion will approach the TMS refractory metals society for coordinated meetings. **AIAA will be approached by Jon and George Miley for coordination.** It was noted that the incoming ANST chair (Shannon Bragg-Sitton), vice-chair (Pablo Rubiolo), and the past-chair (George Miley) should be official members of the TPC. Not less than 5 committee members. The current ANST TPC chair is Tom Larson; other committee members include Jon Carmack and Mike Zerkle.

Abstract submission deadline for the winter meeting has been extended. A question was raised as to placement of abstract submittal deadlines being placed after the preceding meeting instead of prior (as is now the practice). APS (American Physics Society) is a good example of the time frame for abstract submissions; APS calls for submissions is approximately 4 to 5 months before a meeting, not 6 or 7 months as is typical for ANS. **Kathy McCarthy was given action to bring this up at the BOD meeting.**

Committee Reports

- a. Public Policy
 - i. Status of current policy statement (Singleterry): The new draft policy statement was presented by Leo Bobek. **Members of the EC have action to review the handout and get comments and suggestions back to Leo. Leo will also remind the membership to do this.**
- b. Technical Program
 - i. Support of student meetings (paper judges, financial, paper awards...) – currently 50% of budget set aside for this; plans for 2006 student conference?

Margaret Milosi made a presentation on the success of the 2005 ANS student conference. Over 180 papers were presented at the conference.

Rian Bahran, RPI – presented the 2006 Student conference plans. The conference dates are: March 30 – April 1. Theme: Nuclear Power – A Look at the Future.

- ii. Nov 2005 abstract submission deadline: June 20
 - iii. Recommendation on timing for summer/winter abstract submission
 - iv. NPC representative report (Tom Larson) – ANST is sponsoring three sessions for the November 2005 meeting; abstracts due June 20. Topics: Materials, Thermal fluid physics. Please advertise the three session topics to cohorts. Wednesday afternoon, the tech program chair will be asking for topics for the Summer 2006. Tom Larson also needs ideas for the Summer 2006 meeting.
 - v. Plans for June 2006 – to be discussed by the program committee
- c. Nominating
 - i. Expiring ExCom members – when do we nominate replacements? The current nominating committee is made up of the current chair, the vice-chair, and previous chair.
 - ii. **A slate of nominees for ExCom members will be prepared before the November 2005 meeting. Action: George Miley, Shannon Bragg-Sitton, Pablo Rubiolo.**

Robert Singleterry has action to clear up with ANS headquarters the current officers and EC members so that new nominations can be made for 2006 and to clear up the current errors on list at ANS. Dion Sunderland, Heather MacLean, Shaun Tarves (Bettis), and UW Student liaison Eric Alderson were proposed for nomination to the executive committee.

- d. Honors and Awards – Dave Poston and Terry Kammash both received an ANS special award for space power. ANST should get special recognition for this but it is not clear how this actually happened and who was responsible. Nominations were made by the ANST and the award will be made on Tuesday at the Honors and Awards Luncheon.
 - e. Membership – 35% increase over the past year.
 - f. BoD Liaison Report: Jim Rice wants ideas on how the society can be better responsive to its members. So if ideas are out there get them to Kathy McCarthy. The society metrics have been pushed on the divisions and we believe the metrics don't always fit for the specific divisions.
5. Electronic Communications (Bragg-Sitton)
- a. Website
 - i. Identification of webmaster – Hamilton Hunter is no longer in this position. Webpage can be moved over to the ANS domain; an ANST address has been created by Johnny Cison at ANS HQ per Shannon's request. Shaun Tarves has volunteered to serve as the new webmaster. The webpage will be moved.
 - ii. Plan for maintaining up to date info on the web – this is *everyone's* job to keep an eye on!!
 - b. Conduction of business via ANST ExCom list – Shannon will take action to update the ExCom list and the group was chided for not taking care of business over the list instead of through the bi-annual meeting. Draft bylaws (ANST and ANS) will also be sent out over the ExCom list (Shannon has action for this also).

Motion for Robert, Shannon, Dion Sunderland, and Shaun Tarves get together on establishing a Wiki (webinput) capability for people to put information (couple of lines) on current things that are going on. Motion approved, none opposed.

6. Newsletter
- a. Status of current edition (Singleterry)
 - i. Newsletter: Todd Allen (Univ. of Wisconsin) has been successful in having input available for newsletters through an official webpage; this practice could be adopted to solve ANST's problems with gathering articles/content for the newsletter. Headquarters distributes PD newsletters to the PD members by mail at no cost to the division. **Robert has action to get the current draft to Shannon.**
 - b. Plans for next edition (any changes to layout/editing?)
 - i. Dion Sunderland suggested establishing a Wiki on the ANST site to allow for member input. **Dion will research what is involved in establishing the Wiki, working with Robert and Shaun.**
 - c. How many per year? – this needs to become consistent
 - i. Two newsletters per year were suggested.
7. Bylaws
- a. Current model bylaws obtained
 - b. Draft ANST bylaws provided by Don McEligot
 - c. Target for completion/submission to BoD: November 2005

Question: What is ANS requiring for draft bylaws? ANS is currently modifying the model bylaws for professional divisions. It is unclear whether PDs will have to adopt the model bylaws in their precise form, or whether they will be allowed to modify them to some extent for application to the section division. **Shannon has action to determine this at the PDC meeting.**

8. Plan for becoming a full Professional Division
 - a. What is left to do? **Shannon Bragg-Sitton has action to communicate the information out to the ExCom.**
 - b. Target date for completion: _Tentatively targeted for next June (2006) to complete all the necessary steps. Based on the fact that the bylaws must be approved and the approval must come from a full vote by the membership. Board has to approve it first. And this won't be done until next year.
9. Adjournment.

The meeting was adjourned at 12:00 noon.

Respectfully submitted,

William J. Carmack, Secretary
ANS Aerospace Nuclear Science and Technology (TG) Committee