

## **Minutes for MSTD executive meeting, June 2, 2003, San Diego, CA**

Agenda: Attached

1. The minutes from the November 18, 2002 MSTD Executive Committee meeting were distributed, amended, and approved.
2. Report on Student Conference 2003 and Description of 2004 Student Conference

There was a report from Mr. Ross Radel on the 2003 ANS Student Conference held in Berkeley, CA on April 2-5, 2002. The division donated \$500 for support. The conference went well with several materials related papers presented. Ross will be the conference chair for the 2004 ANS student conference. The theme of the conference will be "Out of the Ashes: Revival of the Nuclear Era" and the conference will be held at the University of Wisconsin April 1-3, 2004. Ross requested that the division provide financial support for the conference. He also requested that MSTD participate in judging and reviewing papers for the conference. A number of members volunteered to participate.

3. Jim Tulenko expressed his thanks for supporting him in his election to national ANS office.

4. Chairman's Report: Jim Stubbins

Jim expressed the opinion that the division should strive to achieve more visibility. In the past there have been, and at the current conference as well, sessions that were materials related but were not co-sponsored by MSTD. In the future we should be more diligent in getting involved with these sessions.

5. Secretary's Report: Todd Allen

Todd indicated that at the New Orleans meeting we will have poster sessions with a best paper and an awards luncheon. However, upon further discussion, it was concluded that it was already too late for us to get these into the program. Todd suggested that we work to get into the right time line in the future to get items into the meeting schedules.

6. New Members

The following new members were present and introduced: Ning Li (LANL), Steve Zinkle (ORNL) Not Present, Il Soon Hwang-Seoul National University, Kenan Unlu-PSU, and Tetsuo Shoji-Tohoku University

7. Treasurer's Report: Todd Allen

The treasurer's report from the November 18, 2002 MSTD Executive Committee meeting was distributed and approved. Todd indicated that we have not spent anything this year. The Division Officer's expense is available. Our next income will come from the August environmental degradation meeting.

Discussion Items:

Bob Hanrehan suggested that the division consider supporting support for travel expenses for someone from JPL for the New Orleans meeting. Jim Tulenko indicated that the ANS rules allow for this. Bob indicated that the expense would be well worth it. They are world experts in the field but are not members of the ANS-thus their management would not place support for travel as a high enough priority. Kenan suggested that this might set a precedent for the future and care should be exercised. **The motion to allocate \$500 was passed.**

Jim Tulenko brought up the fellowship/scholarships issue. He indicated that the current minimum for a graduate fellowship is \$2000/year. The current minimum for an undergraduate fellowship is \$1500/year. Our current MSTD fellowship, the Schumer fellowship is usually given every year. ANS national has usually augmented the fellowship but not any more. Jim suggested that we allocate \$7000 this year and to further allocate \$10,000 after the income from the environmental degradation conference has been received. The fellowship would require 40K to fully fund the fellowship endowment. There is currently 23K in place. The 7K would bring the total to 30K and a further 10K would bring the total up to that required for full endowment. There was a motion to put 7K into the Schumer fellowship fund. **The motion to allocate \$7000 to the Schumer fellowship, passed unanimously.**

Action Item: Take up the issue of the 10K after the environmental degradation meeting.

Student Support: Based on the presentation by Mr. Radel, it was decided to provide \$500 for support of the 2004 Student Conference ( \$400 for expenses, \$100 for best paper award). Kenan suggested that we make the transfer in a timely manner. **Motion to allocate \$500 for the 2004 ANS Student Conference passed unanimously.**

Action Item: Ron Ballinger will meet with Ross Radel to make this happen.

The FY2004 budget works out as follows:

<b>Budget Category</b>	<b>Amount</b>
NEWSLETTERS	\$100
AWARDS, PLAQUES	\$750
NATIONAL MEETING COSTS	\$500*
DIVISION OFFICER EXPENSE	\$400
STUDENT SUPPORT	\$500
SCHOLARSHIP/NEED FUNDING	\$7,000
OTHER EXPENSES	\$0

\* JPL Travel Expenses

8. Division Vitality Report

There was a general discussion of the division's performance indicators. Jim discussed the division's metrics. Based on the discussion the following were considered as action items: (1) we need to do a 5-year plan as soon as possible. We should try to develop a division succession and a planning document by the next meeting.

There was a general discussion of how the division can improve our metrics. Jim suggested that we need to keep working to improve. Todd/Ken agreed to work on a plan to upgrade some of the categories. The Schumer Fellowship was awarded to Ms. Julie Tucker (U of Missouri-Rolla). The committee evaluated 13 nominations.

## 9. Committee Reports

### **Program**

San Diego: The division had two sessions

New Orleans:

Pittsburgh Meeting: The following sessions were suggested as possibilities: Kenan: Applications of Nuclear Techniques in Materials Science, Ron Ballinger: Penetration Degradation, Ken Chidester: Modeling & Simulation, Ning Li: Pb Corrosion

Descriptions must be in at the NPC meeting.

### Topical Meetings

Bob Hanrehan indicated that the Plutonium Futures Topical is on track for this July. However, past organizers have mostly retired. Bob suggested that the ANS take a more active role in the organization of the 2006 meeting. There was general support among the committee that we should take responsibility for this conference as a Class I conference.

Jim Tulenko observed that the LWR Fuel Performance conference would be held September 19-22, 2004 at the Hyatt Regency Orlando. Abstracts are due December 1, 2003.

### Honors and Awards

Jim Stubbens indicated that we would have an honors and awards banquet in New Orleans.

### Membership

Discussion focused on the expansion of membership in the division. The committee set a goal of exploring ways to increase membership.

### Publicity and Newsletter

John Lambert volunteered to take over the division newsletter.

## MSTD Web Site

The web was discussed. Little has been done to upgrade the web site in past years and it is in need of this.

## New Business

Bob Hanrehan indicated that Los Alamos would like to put the Plutonium handbook on the Los Alamos web site. However, the Plutonium handbook is “owned” by the ANS. A question was raised about the viability of trying to do this if it is ANS property. Bob volunteered to contact the ANS Publication Committee about this subject.

Ron Ballinger identified two ways by which the technical discussions at the ANS meetings would be both invigorated and the quality increased. The first would be to develop “Research in Progress” symposiums that are similar in format and content to those that NACE sponsors at its annual meeting. The second would be to allow for the option of a meeting presenter to also have his/her paper submitted to one of the ANS technical journals for consideration. Paper submitters would be able to identify this option upon submittal of the abstract. If the abstract is accepted then the page limit for this option would be increased to allow more content. The author(s) would present the paper at the ANS meeting in the same way as those who did not opt for journal submission. With respect to the Research In Progress Symposiums, subjects for the general subjects would be chosen, no more than 2 per meeting, to focus on timely topics that are emerging in importance to the industry. Papers presented at these symposiums would represent “hot off the press” research results. Potential authors for “papers” at these symposiums would submit abstracts which would be reviewed and approved. However, the focus at the symposium would be on presentation and discussion. No published results would be provided. The goal would be to stimulate discussion of critically important topics and to get information into the community quickly. Ron Ballinger was tasked with developing a formal plan for presentation.

Jim Stubbens indicated that Enrico Sartorie of the IAEA wished to co-sponsor the LWR fuel performance meeting. The committee voted to allow this.

Attendees:

Todd Allen	ANL	<a href="mailto:todd.allen@anlw.anl.gov">todd.allen@anlw.anl.gov</a>	208-533-7760
Ronald Ballinger	MIT	<a href="mailto:hvymet@mit.edu">hvymet@mit.edu</a>	617-253-5118
Ken Chidester	LANL	<a href="mailto:kchidester@lanl.gov">kchidester@lanl.gov</a>	505-667-2358
Robert Hanrahan	LANL	<a href="mailto:hanrahan@lanl.gov">hanrahan@lanl.gov</a>	505-667-9560
Il Soon Hwang	SNU	<a href="mailto:hisline@snu.ac.kr">hisline@snu.ac.kr</a>	82-2-880-7200
John Lambert	ANL	<a href="mailto:jounlambert@anl.gov">jounlambert@anl.gov</a>	630-252-6695
Ning Li	LANL	<a href="mailto:ningli@lanl.gov">ningli@lanl.gov</a>	505-665-6677
Tetsuo Shoji	Tohoku Univ.	<a href="mailto:tshoji@rift.mech.tohoku.ac.jp">tshoji@rift.mech.tohoku.ac.jp</a>	81-22-217-7517
Jim Stubbins	U of Illinois	<a href="mailto:jstubbin@uiuc.edu">jstubbin@uiuc.edu</a>	217-333-6474
Jim Tulenko	U of Florida	<a href="mailto:tulenko@ufl.edu">tulenko@ufl.edu</a>	352-392-1401
Kenan Unlu	PSU	<a href="mailto:k-unlu@psu.edu">k-unlu@psu.edu</a>	814-865-6351

**American Nuclear Society  
Materials Science and Technology Division  
Executive Committee Meeting Agenda  
7:00 to 9:00 PM, Monday, 2 June 2003  
Ascot Room, Town and Country Resort and Conference Center**

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| 1. Call to Order                       | Stubbins              |
| 2. Chair's Report                      | Stubbins              |
| 3. Past Chair's Report                 | (Beyer)               |
| 4. Secretary's Report                  | Allen                 |
| 5. Treasurer's Report                  | Allen                 |
| 6. Division Vitality                   | Stubbins, attachments |
| 7. Committee Reports                   |                       |
| A. Program                             |                       |
| i. ANS Meeting                         |                       |
| a. 2003 ANS Annual Meeting/San Diego   | All                   |
| b. 2003 ANS Winter Meeting/New Orleans | All                   |
| c. 2004 ANS Annual Meeting/Pittsburgh  | All                   |
| ii. Topical Meetings                   |                       |
| B. Honors and Awards                   | Stubbins              |
| C. Membership                          |                       |
| D. Publicity: Newsletter               | Seidel                |
| E. MSTD Web Site                       | Senor/Knight          |
| F. Nominating                          | Stubbins              |
| G. University Liaison                  | Ballinger             |
| i. Student Support Activities          |                       |
| ii. Schumar Scholarship Status         | Allen                 |
| iii. Student Conference Status/Support |                       |
| H. International Liaison               | Allen, Billaux        |
| 6. Old Business                        |                       |
| 7. New Business                        |                       |
| 8. Adjourn                             |                       |