

MSTD Executive Committee Meeting
June 5, 2006

In attendance:

Ken Geelhood	PNNL	509-372-4556	kenneth.geelhood@pnl.gov
Rory Kennedy	INL	208-533-7795	rory.kennedy@inl.gov
Jim Cole	INL	208-535-1242	Jim.Cole@inl.gov
Ron Ballinger	MIT	617-253-5118	hvymet@mit.edu
Travis W. Knight	USC	803-777-1465	twknight@sc.edu
Heather MacLean	Sandia	505-284-9724	hjmacle@sandia.gov maclean@alum.mit.edu
Todd Allen	UW	608-265-4083	allen@engr.wisc.edu
Jim Tulenko	UF	352-392-1401	tulenko@ufl.edu
Ning Li	LANL		ningli@lanl.gov
Martin Grossbeck	UTenn		mgrossbe@utk.edu
Pascal Yvon	CEA		pascal.yvon@cea.fr
Arthur Motta	PennState		atm2@psu.edu
Dion Sunderland	ANATECH		dion@anatech.com
Paul Demkowicz	INL		paul.demkowicz@inl.gov
Ross Radel	UW		rfradel@wisc.edu
Steve Zinkle	ORNL		zinklesj@ornl.gov
Jeremy Busby	ORNL		busbyjt@ornl.gov
Robert Hanrahan	LANL/NNSA		Hanrahan@lanl.gov

Meeting called to order at 7:05 PM.

Shadi Ghayeb of RPI made a presentation on the ANS student Conference held at RPI March 30th through April 1st, 2006. The meeting had 350+ students and professionals in attendance. Two awards were given in Material Science and Engineering. A report is available on the conference website.

The next conference will be held at Oregon State University. No presentation was made but a motion to keep the same support (\$400+\$100 for awards) was passed.

The treasurers report was given by Travis Knight. Expenses for 2005 not previously recorded was a charge of \$78 associated with the luncheon held at the 2005 Winter Meeting (i.e. not enough tickets sold). The balance forward from 2005 was \$8955. Membership allocation for 2006 is \$977 (\$1 for each member). Budgeted expenses include \$500/meeting for student travel support and \$500 for the ANS Student Conference.

An update on the Schumar Scholarship was also given. Interest in the first quarter of 2006 gained \$665 for a balance of \$37,075. A Board endowment of \$20,190 allows it to be fully endowed at a 4.5% interest rate. The Board endowment only permits the interest on those funds to accrue to the Scholarship but the Board retains ownership of those funds. The Mishima Award which is also underfunded (\$15k reported at Nov. 2004

meeting) was discussed. Using the current rate of interest it was estimated that an endowment of \$40k would be needed.

It was decided to discuss with the Board the special one time solicitation of funds from the MSTD members for contributions to the Schumar Scholarship to fully endow it. It was further suggested that once Schumar is fully endowed that we would request the Board shift its endowment assistance to help fully endow the Mishima Award.

Sponsorship of student travel to ANS meetings was discussed. A budget of \$500 was previously approved for each Annual and Winter Meeting. This is given to encourage students to present papers in MSTD sessions. Support was first offered to the Schumar Scholarship winner (Maria Okuniewski). Her unmet need was determined to be \$250 prior to the meeting. Other eligible students were contacted through email and only one responded (Xianglin Wu). His unmet need exceeded the available \$250. It was approved to provide \$250 support to both students.

Ken Geelhood gave the Program Committee report. No sessions were sponsored for this meeting due to MSTD sponsorship of the embedded topical. Two sessions will be held at the 2006 Winter Meeting: 1) Gas Cooled Reactors and Materials and 2) Fuel Performance Modeling and Benchmarking. He mentioned that he has been approached by the Young Members Group about co-sponsoring sessions.

It was decided to alter the usual schedule of sessions for the 2007 Annual Meeting in Boston to capture some of the new emphasis on GNEP. Two sessions are proposed:

- 1) Materials Degradation in Advanced Reactor Systems, organized by Robert Hanrahan
- 2) Atomistic and Continuum Modeling, organized by Jim Tulenko and Marius Stan

Summaries are due by early Wednesday to Ron Ballinger for internet submission. Ken will attend the Program Committee Meeting on Wednesday.

Todd Allen gave a report on Topicals. The ICAPP Topical embedded in this meeting had four sessions related to materials (overlap with the GenIV Materials Topical sessions). The GenIV Materials Topical has about 100 papers/posters at this meeting. Only one complaint regarding the poster session designation was noted resulting in the paper/poster being withdrawn. Data was not available yet on the income that MSTD will earn from this Topical. The Environmental Degradation Topical will be held in Whistler, British Columbia will be held in August 19-23, 2007 with ANS a co-sponsor. MSTD will host this meeting in 2009. The TopFuel/LWR Fuel Topical has been approved for 2006 (Salamanca, Spain) and 2007 (US, sponsored by FCWD). MSTD will sponsor in 2009.

Todd raised the issue of changing the meeting time to assist ANS in the push to reduce the meeting footprint. It was resolved to make a greater effort to handle the routine matters through email before the meeting enabling the Chair to make reports as necessary on Saturday and Sunday. A shortened meeting will be held on Monday at 7pm in a regular technical session meeting room. It was noted that it was important to continue

meeting in person to enable new/interested ANS members and students to interact with the Executive Committee.

The next MSTD presentation to the Board is scheduled for the Annual Meeting in 2007. Ron was asked by the Board if it could be rescheduled for the 2006 Winter Meeting if deemed necessary. This was approved. Ron reported MSTD Metrics/Vitality Measures as compiled by HQ/Board showing MSTD performing exceptional or at least adequate except for Non-Meeting Publications (MSTD does not support non-meeting publications).

Ron called for nominations for the various Honors and Awards given by MSTD. These are listed on the website. A MSTD Awards banquet will be held Wednesday noon at the 2006 Winter Meeting in Albuquerque, NM (scheduled every two years). Nominations should be sent to Jim Stubbins (jstubb@uiuc.edu). These awards would be for MSTD related publications appearing in 2004 and 2005.

Ron as outgoing Chair will assemble a slate of candidates for 2007. Some nominations for this slate were taken for new Executive Committee members: Todd Allen, Pascal Yvon, Dion Sunderland. Jeremy Busby was nominated for Secretary/Treasurer.

Heather MacLean noted that a Young Members Group Liaison can be expected in the near future.

Ron Ballinger spoke about upcoming changes to Bylaws and an addition of Rules for Divisions. This has been postponed because of lack of response. Ron will take a first trial at a draft and will solicit comments from the Committee through email prior to the Winter Meeting where it must be presented to the Board for review and later approval by the Division.

Dion Sunderland proposed MSTD co-sponsor a standalone Topical on Refractory Alloys in Aerospace and Nuclear Industry. More information will be circulated through email on this topic.

Adjourned 9:00 PM.

Submitted by Travis Knight, 7 June 2006

Revised 15 June 2006

Action Items and Follow Up:

Bylaws and Rules update/revision – Ron Ballinger

Update on GenIV Materials Topical from Todd Allen, MSTD can expect to net about \$3000 from the meeting. This is a split of \$60/summary with FED for the approximately 100 summaries at the meeting.

Update on the Mishima Award from Travis Knight, Don Olander received the award at the Annual Meeting at the Tuesday Awards Luncheon. An update from ANS on the status of the Mishima endowment is forthcoming.

Update on disbursements from Travis Knight, student travel and Student Conference Support disbursements were completed as agreed to in these minutes.