

Materials Science and Technology Division

1999 ANS Annual Meeting - 7 June 1999

Attendees

Todd Allen (ANL)
Samim Anghaie (University of Florida)
Jim Laidler (ANL)
Sean McDeavitt (ANL)
David Senor (PNNL)
Jim Stubbins (University of Illinois)
Jim Tulenko (University of Florida)
Kenan Unlu (Cornell University)

The meeting was called to order at 7:00 pm by the outgoing Chair, Jim Tulenko.

Agenda

The meeting followed the attached agenda.

Accelerator Applications Technical Group

L Warren Funk of LANL made a short presentation to the Executive Committee seeking MSTD support for the Accelerator Applications Technical Group's application for ANS Division status. After brief discussion, Jim Laidler moved that the MSTD Executive Committee indicate their preference regarding division status of the Accelerator Application group in a non-binding vote. The resulting vote was 6-1 in favor of division status for the group.

Minutes of Last Meeting

The minutes of the last MSTD meeting, held November 16, 1998 at Washington, DC, were approved as written.

Treasurer's Report

Jim Laidler presented the Treasurer's report, as attached. He reported that he had not had success in obtaining information on the status of the Schumar Scholarship fund from the ANS Treasurer (Mr. Christian Krapp). It was suggested that Gail Marcus might have information on this fund.

Infrastructure III

Extended discussion, led by Jim Tulenko and Dave Senior, was held on the Infrastructure III initiative of the American Nuclear Society. Issues associated with Task I (Planning and Scheduling) were covered in the Professional Divisions Committee meeting held on Sunday, June 6. Responsibility will become more centralized, with the National Program Committee. The Screening Committee will have the final say over timing and location of topical meetings, but will tend to follow professional division recommendations. This affects new meetings, not established periodic meetings. The ANS is moving toward one annual national meeting, plus perhaps a melange of topical meetings.

As regards Task II (Meeting Improvements), more breaks will be provided along with better audio/visual equipment and more refreshments. Electronic paper submittal and review will be tried. The society preference is for full peer-reviewed papers that will be published in *Nuclear Technology*. This is not required for acceptance at the meeting, but Divisions will have strong incentives for promoting full papers.

Those incentives are treated in Task III (Meeting Revenue Incentives). A full paper at a national meeting yields \$60 to the sponsoring division; a 900-word extended abstract yields \$30; and a panel presentation \$50 (for a session with a minimum of five panel members). In order to receive the incentive payouts, divisions will have to have a minimum of four sessions, totaling at least 20 papers (with not more than two panel sessions), at each annual and winter meeting; i.e., eight or more sessions with 40 papers per year. The concern was expressed that this could force the merger of ANS Divisions in order to qualify for the financial incentives.

There will be a change in the financing of topical meetings as well. Headquarters will impose a set charge of \$60 per attendee for ANS services; ANS then takes only 25% of the profit rather than the present 50% or 75%. The breakeven point seems to be at about 100 attendees.

Technical Program Committee Report

In the absence of Brent Lewis, Dave Senior reported. There are three MSTD sessions with 16 papers at the Boston meeting; this is our best turnout in some time. For the 1999 Winter Meeting in Long Beach, MSTD has proposed five sessions; aging of metals, Zr-based alloys, fuel thermochemistry, MOX fuels, and advanced fuels. The Long Beach paper review will include a dry run of an electronic review system.

The 2000 Annual Meeting will be in San Diego. A session on lead-bismuth coolant issues is a possibility; Todd Allen will provide a 100-word summary for the NPC meeting on Wednesday. Jim Stubbins will also provide a summary on materials issues in accelerator applications.

Dave Senior moved for appropriation of up to \$2000 for expenses involved in setting up for the electronic review. His motion was seconded and passed unanimously.

Members are strongly encouraged to consider preparing full papers for all future special sessions. This should become part of the planning process, including the solicitation of papers.

There was discussion on siting of the 2002 LWR Fuel Performance international topical meeting. Jim Tulenko will speak to Framatome officials regarding support for a meeting in Lyons or with BNFL for support of a meeting in the United Kingdom. He will report on progress at the Long Beach meeting in November.

Honors and Awards Committee Report

Jim Stubbins provided a prepared report (attached). The Honors and Awards banquet luncheon will be held at the Long Beach meeting, on Wednesday, November 13, at 11:30. Attendance is expected to be 30-35 persons. Dave Senor volunteered to help Jim Stubbins with nominations of awardees. We anticipate that Bobby Seidel will prepare an issue of the MSTD newsletter, for distribution in July, to include descriptions of awards and identification of nomination deadlines.

Membership Committee Report

Jim Tulenko reported that MSTD membership is up by about 8%, to around 860 members.

Publicity Committee Report

No report.

Nominating Committee - Election Results

Samim Anghaie was elected Vice-Chair/Chair-Elect; Jim Laidler was elected Secretary-Treasurer; and Todd Allen, Michel Billaux, Kenan Unlu, KL Murty, and Sean McDeavitt were elected to the MSTD Executive Committee. Jim Tulenko will head the nominating committee for the next election.

International Liaison

Todd Allen volunteered to serve as head of the International Liaison Committee.

University Liaison

Carl Beard (Amarillo National Resource Center for Plutonium) has volunteered to be head of the University Liaison Committee.

Web Page

Members are encouraged to visit the site, accessed through the Uniform Resource Locator http://www.pnl.gov/ans_mstd/. This site is linked to the ANS home page.

The meeting was adjourned at 9:30 pm.

Attachments

Agenda

Treasurer's report

Honors and Awards Committee Report

Reported by:

James J. Laidler

Secretary-Treasurer