

**MINUTES OF THE MATHEMATICS AND COMPUTATION DIVISION
EXECUTIVE COMMITTEE MEETING
AMERICAN NUCLEAR SOCIETY
Boston Marriott Copley Place, Boston, MA
June 24, 2007**

Officers Present:

Bill Martin, University of Michigan, wrn@umich.edu, Chair
Thomas Sutton, KAPL, sutton@kapl.gov, Vice-Chair
Arzu Alpan, Westinghouse, alpanfa@westinghouse.com, Secretary
M. Scott McKinley, LLNL, mckinley9@llnl.gov, Treasurer

Executive Committee Present:

Tom Brunner, SNL, tabrunn@sandia.gov
Sara Pozzi, ORNL, pozzisa@ornl.gov
Robert Singleterry, NASA, robert.c.singleterry@nasa.gov
Avneet Sood, LANL, sooda@lanl.gov

Others Present:

Dmitriy Anistratov, NCSU, anistratov@ncsu.edu
Ahmed Badruzzaman, Chevron, ahmed.badruzzaman@chevron.com
Jeff Favorite, LANL, fave@lanl.gov
Madeline Feltus, DOE HQ, madeline.feltus@nuclear.energy.gov
Ray Gamino, KAPL, ray.g.gamino@lmco.com
Ali Haghighat, UF, haghighat@ufl.edu
Andrew Hodgdon, AREVA, andrew.hodgdon@areva.com
Melissa Hunter, Westinghouse, hunterma@westinghouse.com
Farzad Rahnema, Georgia Tech., farzad@gatech.edu
Glenn Sjoden, U. Florida, sjoden@ufl.edu
Rachel Slaybaugh, Univ. of Wisconsin, slaybaugh@wisc.edu
Andy Smetana, SRNL, andy.smetana@srnl.doe.gov
Paul Wilson, U. Wisconsin, wilsonp@engr.wisc.edu

1. *Call to Order and Consideration of Agenda*

Chair Bill Martin called the meeting to order at 2:00pm and distributed the agenda.

2. *Student Conference*

A student from OSU thanked for the MCD financial support given to the 2007 ANS Student Conference.

The 2008 Student Conference will be held at Texas A&M, Feb. 28- March 1st. Texas A&M students made the announcement and asked for financial support.

3. ***Approval of Meeting Minutes-*** Arzu Alpan

The minutes of the November 12, 2006 meeting held at the Albuquerque Convention Center, Albuquerque, NM were distributed and approved (Robert Singleterry, Tom Brunner) – all was in favor.

4. ***Report on Professional Divisions Workshop-*** Arzu Alpan

Arzu Alpan attended the Professional Divisions Workshop on Saturday, 06/23/07.

- a. A proposal will be made to the board to increase member compensation in divisions. Currently, divisions receive \$1/member.
- b. Metrics & Measures- Started in 2001 for monitoring and measuring performance. Donald Hoffman proposed to form a task force to review the metrics. A division chair will be chairing this group.
- c. Standard Bylaws & Rules- All divisions and technical groups should have bylaws. There will be a voting Tuesday evening- the proposal will be for divisions to have the same level of flexibility in rules as with the local sections. Currently, the Bylaws and Rules Committee has to vote and approve for the rules of divisions; however for local sections only a review is made by the committee.
- d. Membership- To obtain the number of members in a division, email to members@ans.org.
- e. Availability of on-line resources- In the November 2007 Professional Divisions Workshop a tour of the website will be demonstrated.

5. ***Vice-Chair's Report-*** Tom Sutton

Roundtable will be at 2:30pm, Salon B Room, Monday, June 25, 2007.

6. ***Treasurer's Report-*** Scott McKinley

The budget was approved (Sara Pozzi, Tom Brunner) (please see Attachment 1).

7. ***Program Committee's Report-*** Dimitriy Anistratov

Please see Attachment 2.

8. *Standing Committee Reports*

a. *Students-* Sara Pozzi

20 Students are sponsored to attend the Presidents Reception in this meeting.

b. *Honors and Awards-* Farzad Rahnema

Farzed Rahnema encouraged everyone to nominate as many people as possible.

c. *Membership-* Madeline Feltus

As of April 2007 we have 1128 members (200 of them being students); we represent 10% of the total ANS membership.

d. *Standards-* Andy Smetana

There are two active working groups: ANS 10.4 / 10.7. These working group meetings are at Thursday morning, June 28th, 2007.

e. *Benchmark-* Robert Singleterry

Robert Singleterry took the Chair position of the Joint Benchmark Committee from Barry Ganapol. The RSICC web site that hosts the benchmark web page will be transferred under ANS. Bernadette Kirk will have a student create a citation database of the benchmarks. Suggestions of categories should be sent to Robert Singleterry. Also, it was suggested that the newsletter have a benchmark section. Bill Martin suggested a survey on benchmarks.

f. *Publicity & Newsletter-* Avneet Sood

Newsletter is out.

9. *Web-* Todd Palmer (not present)

The newsletter is not posted on the MCD website yet.

10. *Miscellaneous Topics*

a. *CMPWG-* Glenn Sjeden

The 2nd CMPWG workshop will be held at the University of Florida, September 30th - October 3rd 2007. Abstracts are due August 1st 2007. Codes

considered: A³MCNP, ADEIS, EGS, GEANT, MCNP5/MCNPX, PENTRAN. Each code workshop will be 2-2.5 hours.

b. Division Officers Elected for 2007-2008- Bill Martin

Chair: Tom Sutton

Vice-Chair: Jasmina Vujic

Secretary: Jeff Favorite

Treasurer: Scott Mosher

Executive Committee: Jim Morel, Anil Prinja, Glenn Sjoden

c. Young Members Group

The Young Members Group asked for a liaison from each technical division. Suggestion was made for Paul Wilson to be the liaison. Suggestion was approved (Robert Singleterry/ Sara Pozzi).

d. Donald Hoffman and ANS would like to have a disclaimer added to the division web site.

e. The MCD list server will maintain Officers/ Executive Committee who are retiring until August 8th, 2007.

f. ESD has a special committee on climate change; volunteers were asked to represent each division. Ali Haghghat volunteered to represent MCD- his motion was approved (Tom Sutton, Arzu Alpan).

g. Next meeting will be held at the Omni Shoreham Hotel, Washington D.C. November 11, 2007.

11. Adjournment

The meeting was adjourned at 4:00 pm.

Respectfully submitted,

Arzu Alpan, Secretary
ANS Mathematics and Computation Division

Calendar Year 2006 – Final Financial Statement

	Approved Nov 2005	2006 (final)	Details
Income			
Carry Forward, Prior Year	12,372	14,388	
Member Allocation	900	1,000	\$1 per person
Other Budget funds	0	7,600	\$600 2006 National Mtg Participation \$7000 Avignon(2005) lesst Stu. Sup.
Total Budget Funds	13,272	22,988	
Expenses			
Newsletters	0	42	Newsletters by email only
Awards, Plaques	0	0	No awards
National Meeting Costs	1,300	0	
Division Officer Expense	0	0	
Student Support	2,500	2,300	\$500 June Reno Student Travel \$390 June Reno Student Reception Tickets \$910 Nov. Alb. Student Reception Tickets \$500 Nov. Alb Student Travel Robert A. Dannels Scholarship
Scholarship/Need Funding	0	7,000	
Other Expenses	0	0	
Total Expenses	3,800	9,342	
Carry Over, Year End	9,472	13,646	

The \$7000 that came from Avignon and went into the Dannels Scholarship does not appear in the MCD division statement.

Estimate for Calendar Year 2007

The budget for calendar year 2007 was approved by the executive committee at the November 12, 2006 Winter Meeting in Albuquerque and sent to ANS Headquarters. The current estimate for 2007:

	Approved Nov 2006	2007 (estimate)	Details
Income			
Carry Forward, Prior Year	13,588	13,646	F
Member Allocation	1,000	1,009	F Member allocation
Other Budget funds	0	0	E
Total Budget Funds	14,588	14,655	
Expenses			
Newsletters	0	0	F Emailed
Awards, Plaques	1,500	1,500	E \$1000 Pomraning Memorial E \$500 Distinguished Service
National Meeting Costs	1,040	1,040	E 2 Meetings
Division Officer Expense	0	0	
Student Support	2,000	2,900	F \$1000 OSU Student Support P \$500 Student travel Boston P \$1400 Student tickets Boston
Scholarship/Need Funding	0	0	E
Other Expenses	0	0	E
Total Expenses	4,540	5,440	
Carry Over, Year End	10,048	9,215	

F Final considered final by ANS Headquarters
P Pending still pending with ANS Headquarters
E Estimate estimates for the rest of the year

Upcoming Conferences:

2007	Nov 11-15	Winter Meeting	Washington, DC
2008	June 8 – 12	Annual Meeting	Anaheim, CA
2008	Nov 9 – 13	Winter Meeting	Reno, NV
2009	June 14 – 18	Annual Meeting	Atlanta, GA
2009	Nov 15 – 19	Winter Meeting	Washington, DC

MCD Historical Data

	Calendar Year						
	2000	2001	2002	2003	2004	2005	2006
Income							
Carry Forward, Prior Year	10,187	15,857	12,040	18,956	28,069	17,991	14,388
Member Allocation	817	924	819	885	918	942	1,000
Other Budget funds	4,853	660	13,925	10,562	2,654	4,061	600
Total Budget Funds	15,857	17,441	26,784	30,403	31,641	22,994	15,988
Expenses							
Newsletters	0	66	0	8	0	0	42
Awards, Plaques	0	835	0	101	0	1,521	0
National Meeting Costs	0	0	225	0	650	585	0
Division Officer Expense	0	0	0	0	0	0	0
Student Support	0	1,500	3,800	1,225	3,000	3,000	2,300
Scholarship/Need Funding	0	0	1,000	1,000	10,000	1,000	0
Other Expenses	0	3,000	2,803	0	0	2,500	0
Total Expenses	0	5,401	7,828	2,334	13,650	8,606	2,342
Carry Over, Year End	15,857	12,040	18,956	28,069	17,991	14,388	13,646

> MCD Program Committee
> Executive Summary
>
>
> 1. Todd Palmer (OSU) stepped down as Assistant Chair after regular
> 4-year term. I would like to thank Todd Palmer for the great work he
> did as Chair of the MCD Program Committee. 2. Todd Urbatsch (LANL) is
> a new Assistant
> Chair who starts his 4- year term. 3. ANS Summer 2007 Meeting 7
> sessions
> with 35 papers and round table session
>
> 3 standard sessions, 14 papers
>
> 4 special sessions, 20 papers,
>
> 45 reviewers were involved (there are minimum 3 reviewers assigned
> per
> paper)
>
> 4. ANS Winter 2007 Meeting
> 1 special session
>
> ComputationalMethods for Time-Dependent Transport,
> organizers: Ryan McClarren and Jae Chang (LANL)
>
> 5. ANS Summer 2008 Meeting
> 1 special session
>
> Computationaland Mathematical Modeling for Radiation Detection and
> Measurement,
> organizers: Todd Palmer (OSU) and Robin Gardner (NCSU)
>
> Morespecial sessions are welcome.
>
>
>
>
> 6. M&C07 Topical Meeting
>
> 228 papers
>
> 282 participants, 22 countries
>
> 63 students
>
> 5 student awards
>
> Preliminarybudget estimation: < \$20K (MCD will get \$5-\$6K)
>
>
> 7. M&C09 Topical Meeting
>
> Sponsorswere contacted.
>
> Web site was created.

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- > Hotelcontracts were signed.
- >
- > Key dates: Winter 2007 ANS meeting
- >
- > a. Budget
- >
- > b. Approval from National Program Committee
- >
- > c. The first technical program committee meeting