

**Business Meeting of the APS Topical Group on Shock Compression of Condensed Matter
Tuesday, March 11, 2008, 215 Morial Convention Center, New Orleans, Louisiana**

Agenda:

- A. Welcome (DDD)
- B. Financial report (TJV)
- C. Elections results (TJV)
- D. Committee memberships and reports (TJV)
- E. 2009 conference report (TJV)
- F. Open-sourcing of shock conference proceedings (TJV)
- G. Name change to Topical Group on Dynamic Compression of Condensed Matter (WGN/DDD)
- H. Can we support our own session in March 2010? (DDD)
 - Need cosponsored events to bring in GSCCM members
 - Shock and Detonation Physics origins focus on Manhattan Scientists
 - Co-host symposium on laser-based diagnostics for shock wave physics
- I. Add a (nonvoting?) student to the Executive Committee DDD
 - i. Liaise with Forum on Graduate Student Affairs.
 - ii. Help increase student involvement in GSCCM
 - iii. APS message can be sent from GSCCM to students only
 - iv. Early career event at 2009 meeting
 - v. Establish new awards,
- J. Possible connections to HBCUs? Reach out to Vanderbilt and HBCU's in the Nashville area for their participation in our 2009 SCCM topical conference?
- K. Creation of membership coordinator.

Minutes of Meeting

- Dana Dlott (DD), president of the GSCCM, brought the meeting to order
- Tracy Vogler (TV), secretary-treasurer of the GSCCM, gave the report on the 2007 election
 - Dave Moore (LANL) was elected vice-chair, while Eric Brown (LANL) and Dana Dattelbaum (LANL) were elected members-at-large of the executive committee. Thanks to Bill Proud and John Eggert for standing for election.
- TV gave the treasurer's report:

122,425.95	balance on 1/1/07
+1,800.00	membership kickback from APS
+6,009.20	earnings from account balances
(42,550.00)	31 travel grants for 2007 shock conference
+28,859.03	funds back from 2007 shock conference/UHH
(12,950.00)	printing costs to APS for 2007 shock conference
(28,744.00)	printing costs to AIP for 2007 conference proceedings
(5000.00)	transfer to shock award fund from 2005 conference
(455.40)	APS charges
(508.00)	meals for meeting on 4/1/07
(52.87)	overnight charges
68,833.91	balance on 12/31/07

- for 2007, the group had a net loss of \$53,592.04
- historically, this puts the group at about an average bank balance. Previous end of year balances are: 2002 - \$42k, 2003 - \$120k, 2004 - \$74k, 2005 - \$174, 2006 - \$122k, 2007 - \$69k. Some of the high balances were following the shock conference when it held a significant balance to pay for the printing of the proceedings.
- notable items from the 2007 shock conference budget:
 - > \$13,761 loss on the conference (not counting travel grants)
 - > \$25,000 contribution from LLNL
 - > \$10,000 contribution from LANL
 - > \$50,000 payment to U. of Hawaii - Hilo for running the conference.
- the George Duvall award fund was discussed.
 - current balance was \$53,365 as of 12/31/07
 - \$3,765 in earnings in 2007
 - \$5,378 in expenses in 2007 for award and travel expenses of the 2007 winner Dennis Grady
 - The transfer of \$5000 from the 2007 conference to the award fund was approved by a majority of those present. This is intended to allow the fund to grow over time; it also generates revenue through earnings on the balance of the fund.
 - It was stated that the fund is intended to pay for the conference registration, hotel, and airfare of the winner so that the costs are manageable.

- TV gave a report on committees and awards
 - TV read the members of the awards committee and their terms:
 - Ramon Ravelo - Chair (12/08-UTEP)
 - Malcom Nicol - Vice-Chair (12/10-UNLV)
 - Dennis Grady - 2007 awardee (12/08-ARA)
 - Gerrit Sutherland (12/08-NSWC-IH)
 - Justin Wark (12/10-Oxford)
 - Joe Zaug (12/08-LLNL)
 - Su Peiris -Alternate (12/09-DTRA)
 - TV read the names of the new APS fellows:
 - Peter Celliers (LLNL)
 - Naresh Thadhani (Georgia Tech)
 - TV read the members of the nominating committee and their terms:
 - Zbig Dreger - Chair (12/08-WSU)
 - Jennifer Jordan (12/08-AFRL-Eglin)
 - Su Peiris (12/08-DTRA)
- Mike Furnish (MF) gave a report on planning for the 2009 shock conference
 - Bill Proud has taken the lead in setting up early contacts for building the technical program, with Bill Anderson and Mike Furnish setting up logistical aspects of the Conference. These roles are expected to remain flexible.
 - Jack Wise will serve as treasurer for the conference
 - DD suggested the conference committee come up with a rough budget
 - The issue of whether audiovisual equipment for the conference should be bought or rented from the hotel was discussed
 - The book of abstracts was discussed, whether it is worth the cost of printing a copy for each participant. One possible alternative would be to email a PDF file to each registrant so they can print out a copy prior to the meeting if they choose.
 - Mike agreed that the conference organizers will go to the executive committee for issues and that any issues addressed to Dana will also include a cc: for Marcus Knudson (chair-elect).
 - Mark Elert will serve as editor of the proceedings; co-editors are not known at this point.
- open sourcing of shock conference proceedings
 - suggested by GSCCM member Greg Kennedy
 - Mike Furnish has looked into the issue; AIP appears willing, maybe at no charge to the group
 - would be available to GSCCM members
 - mechanics need to be worked out; DD suggested that the APS website could probably handle access to the journal
 - 3 or 4 of the proceedings are not with AIP, but the remainder are

- Possible name change for group to Topical Group on Dynamic Compression of Condensed Matter
 - suggested by Bill Nellis
 - those in attendance did not see a compelling reason to change the group's name

- APS March Meeting, the quest for dedicated GSCCM sessions
 - getting dedicated sessions is a chicken and egg problem
 - for 2008 meeting, have 4 joint sessions with DCOMP
 - attendance for 2008 is unknown at this point
 - Dave Moore (Vice-Chair) was assigned to work on March meeting for 2010
 - focus will be on even numbered years (off from years of shock conference)
 - possible topics for 2010:
 - > Manhattan project (with history of physics)
 - > laser-based
 - the experience of those involved in the joint DCOMP sessions is that it is important to have a presence at the sorters' meeting to prevent any monkey business

- student member of executive committee
 - a student member of the executive committee, potentially non-voting, has been requested by the Forum on Graduate Student Affairs
 - this individual would be the liason from GSCCM with GSA Forum
 - would organize early career event for next shock conference
 - chair can appoint if position is non-voting
 - the question was raised about how many GSCCM members belong to the GSA Forum
 - the student appointee would team with the conference committee or one of the members-at-large to organize events
 - after some discussion, it was agreed that Dana will appoint a non-voting student representative

- outreach
 - Vanderbilt U., historically black colleges and universities (HBCU), women
 - 2009 conference committee will interface with HBCU in the Nashville area
 - the potential of GSCCM representation at the SACNAS (Society for Advancement of Chicanos and Native Americans in Science) meeting; it was agreed that attendance by Dana or another executive member would be valuable
 - the possibility of a women's luncheon at the next shock conference was discussed. DD will ask Dana Dattelbaum if she is will to organize one. She has since agreed.

- membership coordinator
 - would be in charge of monitoring the membership rolls and nagging those whose membership in the group lapses
 - Bill Anderson, who currently holds this position, would like to hand off his responsibilities in this are to devote his attention to organizing the 2009 shock conference.

Attendees (13):

Dana Dlott
Ramon Ravelo
Joel Carney
Mike Furnish
Mike Winey
Tim Germann
Ivan Oleynik
Jason Quenneville
Mike Desjarlais
Thomas Mattson
Marcus Knudson
Tracy Vogler
Eric Brown