

**2011 Business Meeting
of the APS Topical Group on Shock Compression of Condensed Matter**

June 29, 2011, 12:30 PM, Renaissance D, Renaissance Downtown Chicago Hotel
(held in conjunction with the 2011 APS SCCM Meeting)

Agenda:

0. Welcome (Bourne) / Kathy Prestridge item.
1. Approval of minutes from 2010 Business Meeting (Furnish).
2. Report of last elections (Furnish).
3. Financial report (Furnish).
4. Conference report - SCCM 11 (Borg).
- 4a. SCCM 11-related matters (student poster awards, photographer, etc.)
5. Conference report - SCCM13/AIRAPT (Moore).
6. Committee memberships, reports, and awards (Furnish, Bourne et al).
- 6a. Comments about Fellowship selection (Vogler / Sewell)
7. Outreach report (Dattelbaum).
8. Bylaws amendment. (Furnish).
9. Status of Duvall Endowment (Furnish/Peiris).
10. APS SCCM Student Award (Moore)
11. Purchasing open source access to the SCCM Proceedings (Vogler/Elert).
12. Newsletter discussions (Furnish).
13. Website desires / suggestions (Furnish/Lemar/others?).
14. Membership report and appointment for Membership Chair (Vogler).
15. Job manuals (Furnish).
16. Open Floor.

0. Welcome (Neil Bourne)

Called to order at 12:40. Neil thanked all for coming, and briefly outlined the importance of the Topical Group's work.

At the request of Kathy Prestridge (LANL), a collection was taken for money for the Best Student Poster awards.

1. Approval of minutes from 2010 Business Meeting (Furnish).

Dave Moore moved the minutes be accepted; Marcus Knudson seconded; motion passed.

2. Report of last elections (Furnish).

Candidates for Member-At-Large of the Executive Committee were: Dan Dolan, Dan Eakins, Ellen Cerreta, Mike Furlanetto, and Seth Root. Candidates for Vice-Chair were Ruth Doherty and Tracy Vogler. Winners' names are underlined.

3. Financial report (Furnish).

The recent financial statements for the Topical Group are summarized below. It should be noted that the current total is likely to drop significantly inasmuch as most of the

SCCM11 registration revenue has been received but many of the expenses have not yet been costed.

	5/31/11	12/31/10	12/31/09	12/31/08	12/31/07	12/31/06
Meetings Operating Account	\$11,511.34	\$8,032.92				
Accounts Receivable	\$10,000.00	\$10,000.00	\$4,650			
General Funds	\$124,065.33	\$94,896.36	\$94,672.13	\$69,622.32	\$68,833.91	\$122,425.95
Deposits – Meetings						\$5,000.00
Total:	\$145,576.67	\$112,928.28	\$99,322.13	69,622.32	68,833.91	127,425.95
Deferred Sponsor Revenue	\$30,000.00	\$10,000.00				
Duvall Award Account	\$54,527.75	\$58,193.3	\$58,193.3			

4. Conference report - SCCM 11 (Borg).

Registration for SCCM11 is 610 as of the business meeting. This compares with 471 for the SCCM09 Conference. There was one special session and two focus sessions in addition to the normal technical track sessions; as well, there were five plenary sessions and one poster session. A student lunch was planned. Payments were processed by PayPal. The conference was projected to finish \$15K in the black. Other conference highlights included the Tuesday afternoon excursion to the Advanced Photon Source (Argonne National Laboratory) and a dinner cruise on the Chicago First Lady on Wednesday evening (both separately ticketed).

4a. SCCM 11-related matters (student poster awards, photographer, etc.)

Kathy Prestridge reported that two awards were ready for the best student posters, and the judges are herself and Mike Hobson. Neil Bourne reported that no photographer had been located for the Duvall Award photos, so I (MDF) was asked to take these photos.

5. Conference report - SCCM13/AIRAPT (Moore).

The 2013 SCCM Conference will be chaired by D. S. Moore, C. S. Yoo and G. Collins, and will be held at the Seattle, WA Westin Hotel July 7 – 12. The proceedings will be published by IOP and will be distributed to conferees only in CD form (both of which are breaks with previous editions). Editors will be W. T. Buttler (LANL) and Will Evans (LLNL).

6. Committee memberships, reports, and awards (Furnish, Bourne et al).

The Topical Group officers are: Neil Bourne (Chair), Dana Dattelbaum (Chair Elect), Tracy Vogler (Vice Chair), Dave Moore (Past Chair), Dan Eakins (12/12), Ellen Cerreta (12/12), Libby Glascoe (12/11), and Su Peiris (12/11) (Executive Committee At-Large Members), Mike Furnish (Secretary/Treasurer 12/12), and Ray Lemar (Webmaster). The Duvall Award / Fellowship Committee is comprised of Tommy Sewell (12/12), Eric

Brown (12/12), Jim Johnson (12/12), Gilles Roy (12/14), Jeremy Millett (12/14), Rusty Gray (12/14) and Rip Collins (12/14). This membership has *not* yet received final APS endorsement. Neil Bourne appointed an ad-hoc Membership Committee comprised of Paulo Rigg and Tim Foley; this committee will need to be reappointed annually by the successive Chairs to continue to exist. The Nominations Committee membership will be worked out by the end of August. Bill Proud and Eric Brown are members through 2011; we need an APS-appointed member and two others still appointed.

6a. Comments about Fellowship selection (Vogler / Sewell)

Tracy Vogler reported that the Fellows selected by our Topical Group have typically been late-career scientists, and that (per Eric Brown), other APS groups have younger Fellows. His suggestion is that we consider nominating younger fellows. Deserving women should also be nominated more often. Sarah Stewart suggested that the profile of the Fellows be raised at the Conferences (e.g. Fellow lectures?). Su Peiris noted that there were not very many nominations for the current cycle.

7. Outreach report (Dattelbaum).

Dana Dattelbaum reported that 38 student scholarships were awarded, and all were accepted. The deadline was 2/28 and the awards were announced in mid-March. Each award was comprised of \$650 travel funds and a waiver of the registration cost.

One student (Melissa Rangel, Chicago State Univ.) was supported from a Historically Black College or University (HBCU) in the Chicago area. She plans to study Materials Science & Engineering in graduate school.

The student posters were judged and winners will receive awards at the banquet (see 4a).

The Student Networking Lunch, planned for Thursday, is expected to draw ~45-50 participants.

Babysitting is available for the banquet and other occasions.

8. Bylaws amendment. (Furnish).

This amendment is designed to restructure the definition of the Fellowship committee to include the Duvall Award selection process. The question is as follows:

Should Article VIII Sect. 4 of the APS SCCM Bylaws:

Fellowship Committee. The Fellowship Committee shall be chaired by the Vice-Chair or his/her replacement as selected by the Chair if the Vice-Chair is vacant, and shall include three members appointed by the Chair, to two-year terms. It shall solicit, propose and review the nominations of candidates for Fellowship and shall report its recommendations to the Executive Officer of the Society.

be replaced with the following?:

George E. Duvall Shock Compression Science Award Selection and Fellowship Committee. The George E. Duvall Shock Compression Science Award Selection and

Fellowship Committee shall be chaired by a Topical Group member selected by the Chair or the Vice-Chair, and shall include the previous Duvall Awardee (if available; otherwise a member appointed by the Topical Group Chair) and four other members appointed by the Topical Group Chair, to two-year terms. It shall solicit, propose and review the nominations of candidates for Fellowship and shall report its recommendations to the Executive Officer of the Society. As well, it shall solicit, propose and review the nominations of candidates for the George E. Duvall Shock Compression Science Award and select the winner of the biennial Award, to be presented at the biennial Topical Group Meeting.

This question is accompanied by the following paragraph:

We are recommending a vote FOR the Amendment because (1) it clarifies the handling of the Duvall Award selection process, and (2) recent years' experience has shown that the Duvall Award selection process and the Fellowship recommendation process are most efficiently handled by a single committee within our Topical Group. This Amendment has been approved by the APS Bylaws Committee and the APS Council.

The election will start imminently, and must have a majority of the vote, which must include at least 50% of the Topical Group to pass. Prior to next year, we plan to submit another amendment to APS Council which would drop the 50% requirement.

{Note added 7/6: The election began yesterday and we are at the 32.2% level. }

9. Status of Duvall Endowment (Furnish/Peiris).

The endowment balance was presented in Item 3 above. At present it is underfunded by ~\$8K to be considered a full endowment for the biennial \$5K Award plus travel costs of the Awardee. I (MDF) had submitted the following plan to APS after consulting the Exec. Committee:

- *Cover travel costs for the 2011 Award as an SCCM11 Conference expense,*
- *Finalize a path forward at the 2011 GSCCM Business Meeting on 6/29, and*
- *Most likely gradually bring the endowment back to a fully funded status by a combination of fundraising and periodic transfers from our operating fund.*

The conclusion of discussions was that we should take advantage of the authorization we obtained ~8 years ago from APS to transfer up to \$5K per Conference to the Award account, and transfer \$10K representing the SCCM09 and SCCM11 Conference contributions. This was a motion by Jennifer Jordan, seconded by Dave Moore, which passed.

{Note added 7/6: Mike Stephens (APS) is effecting the transfer of \$10K. As well, he clarifies that we have no limitations on how we use these funds within the broad scope of “for the general activities of the GSCCM” }

As well, we expect to make further transfers associated with future SCCM conferences. Tracy Vogler as S/T had authorized retroactive transfers for SCCM05 and SCCM07. Mark Elert clarified that we had not been able to do the transfer at the time for SCCM05. In summary, we now have a structure in place for supporting this endowment and should

use it. There does not appear to be any other viable vehicle for fundraising. Paul Asimow asked whether the APS permission was blanket for Awards (see Item 10).

10. APS SCCM Student Award (Moore)

Dave Moore proposed an Outstanding Student Award as an endowed Award as follows:

To recognize outstanding research and/or publication by a student (undergraduate, graduate, or postdoctoral) using shock or other dynamic compression methods to improve our understanding of condensed matter.

Presented biennially in odd-numbered years, the award consists of a cash award of \$1000, a plaque citing the accomplishments of the recipient, and an allowance for travel to the meeting at which it is to be presented.

The winner would be expected to deliver an invited lecture. There was some discussion of naming the Award, e.g. in honor of Tom Ahrens. However, for the particular case here, there is already an AGU award in Tom's honor.

Paolo Rigg and Su Peiris noted that the Duvall Award is funded from the endowment, and suggested that the same endowment might fund both given additional principal. However, I noted that APS separates the endowments for the respective Awards / Prizes.

Bill Cooper suggested that there might be a line item on the registration form for contributing to the Endowment Fund(s), but the consensus was that this should not be done because then registrants generally would not be able to be reimbursed for that.

Status: The Award definition text was approved by motion, subject to a final decision on postdoc eligibility by the Executive Committee (probably subject to membership vote in the end). No person's name will be associated with this award at present. Once we know the process required to establish this Award, the Executive Committee will decide on the next step.

{Note added 7/6: We are awaiting clarification from Darlene Logan at APS as to the procedures we must follow to establish such an Award.}

11. Purchasing open source access to the SCCM Proceedings (Vogler/Elert).

This is not possible at present from AIP. However, to continue to remind them that it is desirable might bear fruit at some point in the future.

12. Newsletter discussions (Furnish).

Jennifer Jordan suggested that earlier efforts to make this quarterly resulted in about 3 Newsletters per year. This was done with a rotation of Editors; the latest list has the names of Sunil Dwivedi, Eric Herbold, Eric Chisolm, Gerrit Sutherland and Kevin Vandersall. I will ping these and other interested people to verify who might be interested in restarting such a rotation (targeting another newsletter by sometime in August).

Kathy Prestridge advocated Facebook. AWE personnel are not allowed to use Facebook from their offices. For the U.S. National Labs, the picture is unclear. Bill Cooper suggested we need to find a balance between “dead” and “live” philosophies of communication (where “dead” represents a passive newsletter system and “live” represents a social networking structure). Tracy Vogler mentioned that there was some discussion of this at the Spring Officers’ Convocation, and that APS really hasn’t sorted out this matter. LinkIn provides forums that might be useful for technical discussions on-line. The Website might also benefit in having a rapid communications area people could check occasionally.

13. Website desires / suggestions (Furnish/LeMar/others?).

Bill Anderson suggested we include a link on our homepage to a list of upcoming publications by SCCM members. Bill Proud added that we should link to upcoming Conference websites as well. We might also add funding organizations for travel and other expenses by students and others in disadvantaged situations. Jennifer Jordan suggested we freshen up the appearance of our website. I will pursue these with Ray Lemar.

14. Membership report and appointment for Membership Chair (Vogler).

Paulo Rigg, representing the Membership Committee, will work with the SCCM11 Chairs and APS to construct a list of non-SCCM APS membership. These may be “low-hanging fruit for increasing our Topical Group membership. Increasing our membership is vital for preserving our ability to convene these Conferences; should we drop below a level of 300 members for three years, GSCCM will dissolve and not be able to convene the SCCM Conferences (APS Constitution, Article VIII, §1). We have recently hovered around the 330 member level (goes up slightly in Conference years and down slightly in off years).

15. Job manuals (Furnish).

No progress to report.

16. Open Floor.

No items to report.

The meeting adjourned at 1:25 PM following a brief thank-you comment for attending by Neil Bourne. The support of SCCM11 in providing a meeting room and light lunches is gratefully acknowledged.

These minutes were recorded by Michael Furnish, GSCCM Secretary/Treasurer.

Attendees (38):
Bill Anderson
Paul Asimow
Stephen Bless
John Borg

Neil Bourne
Aaron Brundage
William Buttler
Ellen Cerreta
Philip Church
William Cooper
Dana Dattelbaum
Sunil Dwivedi
Dan Eakins
Mark Elert
Louis Ferranti
Mike Furnish
Tim Germann
Stephen Goveas
George (Rusty) Gray)
John Koch
Jennifer Jordan
Thomas Mattsson
Jeremy Millett
Dave Moore
Suhithi Peiris
Kathy Prestridge
William Proud
Paulo Rigg
Sarah Stewart
Kevin Vandersall
Tracy Vogler
(+ 7 others)