

**2013 Business Meeting
of the APS Topical Group on Shock Compression of Condensed Matter**

July 10, 2013, 5:30 PM, Fifth Avenue Room, Seattle Westin Hotel
(held in conjunction with the 2013 SCCM/AIRAPT Meeting)

Agenda:

1. Welcome (Vogler)
2. Report of last elections (Elert)
3. Financial report (Elert)
4. Conference report - SCCM 13 (Moore)
5. Conference announcement – SCCM15 (Oleynik)
6. 2014 March Meeting (Vogler)
7. Fellowship Committee (Rigg)
8. Membership (Vogler)
9. Students/Outreach (Alexander)
10. Newsletter discussions (Elert)
11. Open Floor
 - UK meeting announcement (Proud)
 - LinkedIn Group (Brown)
12. Unit statement on academic use at NIF (Spaulding)
13. Adjourn

1. Welcome (Vogler)

The meeting was called to order by the Topical Group Chair, Tracy Vogler, at 5:40 pm. A partial list of attendees is included as Appendix A.

2. Report of SCCM 2012 Elections (Elert)

The Secretary/Treasurer reported that the 2012 election was held from November 19 through December 18, 2012. There were 152 online ballots and five hardcopy ballots cast. The candidates are listed below, with winners' names in bold.

- Member-at-large (2 year term; 2 seats available):
 - Brandon Lalone
 - **Chris Seagle**
 - **Dylan Spaulding**
 - Gerald Stevens
- Secretary-Treasurer (3 year term; 1 seat available):
 - Eric Brown
 - **Mark Elert**

- Vice-Chair (1 year term + succeeding posts; 1 seat available):
 - Jennifer Jordan
 - **Paulo Rigg**

The current officers of the Topical Group are:

- Chair: Tracy J. Vogler (Sandia National Laboratories) through 2013, then Past Chair
- Chair-Elect: William Anderson (Los Alamos National Laboratory) through 2013, then Chair
- Vice-Chair: Paulo Rigg (Los Alamos National Laboratory) through 2013, then Chair-Elect
- Past-Chair: Dana Dattelbaum (Los Alamos National Laboratory) through 2013
- Secretary/Treasurer: Mark Elert (US Naval Academy) through 2015
- Member-at-large: Darcy Dennis-Koller (Los Alamos National Laboratory), through 2013
- Member-at-large: Dawn Flicker (Sandia National Laboratories), through 2013
- Member-at-large: Chris Seagle (Sandia National Laboratories), through 2014
- Member-at-large: Dylan K Spaulding (Harvard University), through 2014

3. Financial Report (Elert)

Total assets as of 5/31/13 were \$201.5K. Of this, \$20.2K represents sponsorship contributions to be used for student travel awards to SCCM13. All other SCCM13 funds are currently held in a separate conference account.

Mark Elert pointed out that non-conference revenue sources for the Topical Group are quite modest: about \$2K/year in dues, \$4K/year in interest, and \$1K/year in shared revenue from the March meeting. The financial health of the Topical Group depends mostly on proceeds from the biennial conference. The 2009 and 2011 meetings both produced substantial income, bringing total assets from \$70K in 2008 to \$180K in 2012.

4. Conference Report – SCCM13 (Moore)

The 2013 conference, joint with AIRAPT, was still in progress, but co-organizer David Moore estimated that it would come out “in the black.” Total revenues were estimated at \$450K. Dave estimates that revenue would have been about \$90K higher if travel restrictions at DOD and DOE had not been in effect. The extensive student program cost about \$80K but was judged to be well worth it. Certain cost-cutting measures were imposed during the conference to save money, including cuts to food for the afternoon breads (\$20K) and eliminating lapel mics for the speakers (\$15K). There were 729 attendees registered as of 7/9/13. Breakdown between SCCM and AIRAPT was not yet known. AIRAPT will get \$15 for each attendee registered, and all other financial gain or loss goes to APS. Proceedings will be published online by IOP.

5. Conference Announcement for SCCM15 (Oleynik)

An organizing committee for the 2015 conference was formed in June 2013, and its proposal was accepted by the Executive Committee on July 3. The conference co-chairs will be Ivan Oleynik, Su

Peiris, and Ramon Ravelo. The conference treasurer will be Mark Elert, and the Proceedings editors will be Tim Germann (chair), Ricky Chau, and Tom Sewell. Assuming a suitable site can be found, the conference will take place in Tampa, Florida in June of 2015. Conference support from the University of South Florida is anticipated. There was some discussion of possible programmatic changes for 2015, including changes to the women's program and the desirability of having one or more on-site lunches for all attendees.

6. 2014 March Meeting (Vogler)

Tracy reported that two different proposals for SCCM-sponsored sessions at the March meeting were submitted by Topical Group members. The Executive Committee was not aware of either until after both were approved by APS. There will be some duplication. This sort of thing happens regularly, and is at least partly due to the long lead time required by APS for meeting proposals and the lack of feedback from the meeting organizers to the units. The SCCM Executive Committee will try to be proactive and coordinate symposium proposal submissions more carefully in the future.

7. Fellowship Committee (Rigg)

APS Fellow nominations for 2013 have been submitted to the Fellowship Committee, which will make a recommendation to APS by August 1. Next year's committee will also be involved in the selection of the next Duvall Award recipient, although the Duvall selection committee is an APS committee and is nominally a separate group.

8. Membership (Vogler)

Eric Brown and Matt Lane will work on augmenting Topical Group membership. One suggestion was to automatically make student travel award recipients into Topical Group members.

9. Students and Outreach (Alexander)

Scott Alexander reported on the very successful student program at the ongoing 2013 meeting. A student symposium was held all day Sunday at the start of the conference, with about 70 students giving oral or poster presentation. About 77 people, mostly students, attended the student lunch on Wednesday. An early career award was presented on Monday, and the winner (Rick Kraus) gave a plenary talk.

Tracy Vogler led a discussion of the early career award initiated at the 2013 meeting. Should it become a student award, or left as an early career (within 3 years of Ph.D.) award? Currently there is no formal process, and it is not an official APS award like the Duvall Award. Ivan Oleynik suggested that the winner could be picked during the meeting based on excellence of presentations, but then it would be hard to make the award during the conference. Bill Anderson pointed out that if we make it an official APS award, they will require an endowment of ~\$50K. Dana Dlott suggested having about five student awards with no money attached, and a separate early career award for post-Ph.D. scientists. Rusty Gray proposed having a mid-career award too.

Following this discussion, Tracy asked for a show of hands to get a sense of member support for various options. There was a unanimous vote in favor of continuing a student or early career award of some type. There was nearly unanimous support for keeping it an “early career” rather than strictly a student award. The members then voted in favor of exploring the possibility of making this an official APS award. Dave Moore and Dana Dattelbaum will look into this. There was also support for Dana Dlott’s idea of having multiple, non-monetary student awards.

10. Newsletter discussion (Elert)

The last Topical Group newsletter was in December 2012. Mark Elert said he will stir up the volunteer editors, and also put out a call for additional editors.

11. Open Floor

- Bill Proud announced an upcoming IOP workshop on Spatial Velocimetry, to be held in London on September 9, 2013. Details are at <https://www.eventsforce.net/iop/400/>.
- Eric Brown mentioned that he has started a LinkedIn group for the APS Topical Group on Shock Compression of Condensed Matter. He recommended that this be advertised on the Topical Group’s web site and the next newsletter.

12. Unit Statement on NIF Academic Users (Spaulding)

Dylan Spaulding recommended that the Topical Group issue a Unit Statement urging that the recent ban on academic users at NIF be rescinded. (See Physics Today, June 2013, pp. 20-23 for background.) Eric Brown suggested that DPP should be invited to join in the statement, or that it come from APS as a whole. A motion was made to form a committee to draft such a statement. The motion was passed unanimously.

13. Adjourn (Vogler)

The meeting was adjourned at 7:15 pm.

Appendix A – Business meeting attendees who signed the attendance list

Mark Elert
Tracy Vogler
David Moore
Eric Brown
Dylan Spaulding
Paulo Rigg
Scott Alexander
Chris Seagle

Dawn Flicker
Thomas Mattsson
Sarah Stewart-Mukhopadhyay
Dana Dattelbaum
Darcie Dennis-Koller
Tim Germann
Michael Furnish
Bill Anderson
Kendal Ogilvie
Sunil Dwivedi
John Molitoris
Tommy Sewell
Ivan Oleynik
Naresh Thadhani
Min Zhou
William Proud
Kate Brown
Dana Dlott
Marvin Zocher
Brady Aydelotte
Peter Celliers
Ricky Chau
Kyle Ramos
Gennady Kanel
Michael Winey
Amalia Fernandez Panella