

**2012 Business Meeting
of the APS Topical Group on Shock Compression of Condensed Matter**

February 28, 2012, 5:45 PM, Room 257A, Boston Convention and Exhibition Center
(held in conjunction with the 2012 APS March Meeting)

Agenda:

1. Approval of minutes from 2011 Business Meeting (Michael Furnish).
2. Report of last elections (Furnish).
3. Financial report (Furnish).
4. Conference report - SCCM 11 (Tracy Vogler).
5. Conference report - SCCM13/AIRAPT (David Moore).
6. Committee memberships, reports, and awards (Dana Dattelbaum, Furnish et al).
7. Comments about Fellowship selection (TBD)
8. Outreach report (Dattelbaum).
9. Bylaws amendment. (Furnish).
10. Newsletter discussions (Furnish).
11. Website desires / suggestions (Furnish/Ray LeMar/others?).
12. Membership report and appointment for Membership Chair (Paolo Rigg/Tim Foley?).
13. Job manuals (Furnish).
14. Open Floor.

0. Welcome (Dana Dattelbaum / Mike Furnish)

Called to order at 5:40.

1. Approval of minutes from 2011 Business Meeting (Furnish).

Neil Bourne moved that the minutes be accepted; Jeremy Millett seconded; approved.

2. Report of 2011 SCCM elections (Furnish).

These included 157 electronic ballots (through the APS system) and 5 hardcopy ballots sent by mail.

Vice Chair:

- | | |
|----|----------------------------|
| 99 | William Anderson (LANL) |
| 60 | John Borg (Marquette Univ) |

Member-At-Large:

- | | |
|----|-----------------------------|
| 85 | Dawn Flicker (SNL) |
| 77 | Darcie Dennis-Koller (LANL) |
| 67 | Kevin Vandersall (LLNL) |
| 64 | Damien Hicks (LLNL) |

Current officers of the SCCM Topical Group are:

Chair: Dana Dattelbaum, LANL	(1/1/12-12/31/12, then Past Chair)
Chair-Elect: Tracy Vogler, SNL	(1/1/12-12/31/12, then Chair)
Vice Chair: William Anderson, LANL	(1/1/12-12/31/12, then Chair-Elect)
Past-Chair: Neil Bourne, AWE	(1/1/12-12/31/12)

Secretary-Treasurer: Michael Furnish, SNL (1/1/10 – 12/31/12)
Member-at-large: Ellen Cerreta, LANL (1/1/11-12/31/12)
Member-at-large: Daniel Eakins, Imperial College (1/1/11-12/31/12)
Member-at-large: Dawn Flicker SNL (1/1/12-12/31/13)
Member-at-large: Darcie Dennis-Koller, LANL (1/1/12-12/31/13)
The officer list is very heavily weighted toward LANL and Sandia Nat'l Labs, so we need to look to other institutions accordingly for committee assignments.

3. Financial report (Furnish).

Total Assets \$238,648.33

(\$176K Meetings Account, \$5K receivables, \$58K general acct)

-- Does not include Duvall Award endowment (\$61,352.40)

SCCM11 Financials:

-- Have not paid for SCCM11 Proceedings (~\$55K?)

-- Other SCCM11 expenses:

- > Facility rental ~ \$350K
- > F&B \$2.3 K incl. banquet (seems low)
- > Programs + grants ~\$5K
- > Companion program ~\$5.2K
- > BAPS \$14.6K
- > Stationary and supplies: \$7.5K
- > Bus rental \$0.7K
- > Consultants \$2K
- > Promo items \$1.1K
- > Other \$3K

- SCCM11 revenue:

- > Registration \$513.5K
- > Sponsorships \$40K

→ Net before Proceedings is \$165.4K (but note the scholarships are not out of this account).

4. Conference report - SCCM 11 (Tracy Vogler).

Proceedings: The Proceedings are late; the cause is uncertain. The Editors finished their work last fall except for responding to requests from AIP for proof approvals. AIP estimates completion in 4 – 6 weeks from now.

Budget: Estimated surplus is \$50-\$60K; it will probably be even better (\$80-\$90K) due to large attendance.

Ivan Oleynik commented that the registration fee (\$695) was high for academics.

Regarding students, Dana noted that many students missed the application deadline for consideration for SCCM support (student scholarships). Tracy observed that if we push the student decision deadline back too far, it creates problems with program gaps (in particular, for cases where support is not offered). Dawn asked what fraction of the students who applied were supported; the answer is 100%. Dana favored more publicity of the student programs. Frank Cherne suggested that the abstract form have a check box labeled "student." Tracy went further to suggest that we waive registration for students.

Jeremy asked how students will be handled for the 2013 AIRAPT meeting (this information was not immediately available).

5. Conference report – SCCM13 (Dave 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). The website is <http://www.apssccm-airapt24.org/>.

Neil Bourne noted a related meeting at Marquette University that would be of interest to attendees.

Suggestions made for the 2013 Conference include the following (this also incorporates notes from elsewhere in these Minutes):

- Look at organizing committee for balance with DoD labs, and greater diversity
- Strongly advertise student programs
- Create a flyer that people can take to upcoming meetings to advertise the meeting
- Have all attendees get a discount with APS/GSSCM membership (lower registration fee by this amount or more for APS/GSSCM members)
- Have a 20 min presentation during student event – such as mentoring, resume building, job descriptions etc., have event on-site, no limits on numbers, have technical POCs commit to attending, lots of advertising
- Link to student scholarship application on abstract submission page?
- Have a recruiting or jobs booth at the exhibition – for posting jobs and resume drops
- Want to have business meeting early in the week so we can vote on bylaws amendment through the rest of the week
- Dawn Flicker volunteered to help in some outreach capacity, and Scott Alexander volunteered to help with students

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

The 2011 Nominations Committee was comprised of Eric Brown (LANL; chair), Rob Hixson (LANL), William Proud (Imperial College), James Belak (LLNL), Nachhatter Brar (UDRI) and Naresh Thadhani (GA Tech; APS representative). For the 2012 process, Belak, Brar and Thadhani will need to be replaced. We will need to submit 3 names to APS for consideration for the 2012 APS representative. The nominations deadlines are ~Oct. 17 (determined by the Nominations Committee to meet the requirement that officer elections are completed prior to 12/31).

The Fellowship Committee for 2012 is comprised of Rusty Gray, Jeremy Millett, Eric Brown, and 2 other individuals. Per the Bylaws, Bill Anderson is on the committee as Vice-Chair (note in press: Bill declined). Two individuals are needed to fill out the Committee; at least one should be an APS fellow. The Fellowship deadline is Aug. 1 (when the Committee must submit nominations to APS). There is some elasticity in this, but not much. Our Unit Fellowship deadline is April 2. We can revise this to May 1 if we want to (last year we stretched this to June 26).

The 2013 Duvall Award deadline is July 1, 2012 (submission of applications). In recent times, this (APS) Committee has had membership identical to that of the Fellowship committee.

7. Comments about Fellowship selection (TBD)

Fellowships awarded in the last year from the Topical Group are to Dean Preston and Tsutomu Mashimo (both nominated by the Topical Group), and Tim Germann (nominated by the Division of Computational Physics).

8. Outreach report (Dattelbaum).

In general, we need better publicity for student events. The Nashville breakfast was poorly attended. The Chicago networking pizza lunch was well attended, but service was glacial. (Scott Alexander) It should be on-site. (Tracy Vogler) This is very expensive. (Jeremy Millett) Off-site mixers work well. (Dawn Flicker) The available buffet at a restaurant might be better. (Scott) Post it on the conference website. (Dawn) It would be worthwhile to have a recruiting presence. (Tommy Sewell) You might list people (recruiters, speakers, POCs) who commit to attend. (Dawn) Have a resume machine? (Tracy) Consider a mentoring workshop. Also, for the Convocation we should keep our ears open. (Tommy) Have a hiring board/booth?

There was less discussion of outreach for minority / female participants.

Dawn is willing to assist with the outreach effort in some role. We need a new volunteer for the student scholarship for the 2013 Conference. Scott Alexander has offered to help in some role related to students.

For the 2013 Conference student networking event, suggest a 20 minute presentation. This event should be on-site, with a buffet, appetizers or similar. Student numbers should be unlimited. Consider more advertising and a recruiting booth for job postings at that meeting.

9. Bylaws amendment. (Furnish).

We plan a Bylaws Amendment to be discussed at the next Business Meeting, which would:

- Revise the membership prescription for the Fellowship Committee,
- Address the requirement that 50% of the total Topical Group membership vote on any Bylaws issues, and
- Add a section dealing with Unit Statements requested by Ken Coles to bring out Topical Group bylaws into agreement with new revisions in the APS Bylaws (see appendix to these Minutes, below).

By mid-June we should have the exact wording decided (including membership input). Late in 2102 this would be considered by the APS Bylaws Committee and APS Council. If it is approved there, at the Business Meeting in 2013 it would be formally considered. If approved there, it would be submitted to the membership for vote via an electronic ballot. Note that 50% of the TG would have to vote, with a simple majority favoring the change, to effect this Bylaws change.

The current Bylaws are found at

<http://www.aps.org/units/gscem/governance/bylaws.cfm>.

Note: In 2011 we reached the final stage of the schedule for a measure to address the first bullet above, only to have Alan Chodos point out that it inappropriately gave the SCCM charge of the Duvall Award Committee, which is an APS committee.

10. Newsletter discussions (Furnish).

No substantial discussion occurred. We need to renew the circle of editors.

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

Suggestions included:

- A link to the 2011 Proceedings
- Deadlines/upcoming critical dates listed on the homepage
- Links for various groups (Tracy Vogler suggestion). This would include HVIS, ISSW, AIRAPT, DYMAT, Gordon conferences, the Det Symposium, Also related conferences.
- For the “Join APS” link, consider a pass-thru page encouraging people to join the TG as well.
- Pictures / photos from Conferences?

12. Membership report and appointment for Membership Chair (Paulo Rigg).

The basic problem is that we seem to be unable to get “safely” (>30%) above the 300-member threshold. Below this we lose our ability to select Fellows, to convene invited sessions at APS meetings, and possibly even to hold the biennial Conferences.

Dana Dattelbaum suggested a 2-year student membership. This isn’t an APS option, but could we “make it so” as a TG? Also, should the Chair send out an email to the Community encouraging membership?

Neil Bourne suggested we consider expanding our scope into allied subject areas. These might include ballistics, static high pressure, gas shocks, stamping technologies, and others. Ramon Ravello wondered how we might reach out to individuals. Neil and Dawn suggested changing our name. Ramon noted that a sustained effort will be needed. Dana suggested a push at the off-year March meetings (including an email to the membership in the same time frame), and possibly having a University-sponsored symposium. He noted (during Open Floor discussions) that a “Strategic Committee” of experts might be the right group to look at areas for membership expansion.

13. Job manuals (Furnish).

No progress to report.

14. Open Floor.

In addition to Ramon’s membership comments, Dawn suggested we consider a sponsor for the 2014 meeting in the optics area. Neil continued this line of thought with a push for more diagnostics stress at the 2013 Conference, as well as engaging a non-APS committee.

The meeting adjourned at 7:10 PM (motion by Jeremy, seconded by Neil) following a brief thank-you comment for attending by Dana Dattelbaum. The support of APS in providing a meeting room is gratefully acknowledged.

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

Attendees (19):

Scott Alexander

Neil Bourne

Eduardo Bringa

Justin Brown

Frank Cherne

Dana Dattelbaum

Dawn Flicker

Mike Furnish

Brian Jensen

Rudy Magyar

Despina Milathianaki

Jeremy Millett

Ivan Oleynik

Kyle Ramos

Ramon Ravelo

Luke Schulenburger

Tommy Sewell

Aiden Thompson

Tracy Vogler

Appendix: The template for a Bylaws unit statement policy to dovetail with the overall APS policy is as follows (supplied by Ken Cole, APS). The goal is to ensure that statements are made with due thought and consensus.

ARTICLE ??? – Unit Statements

1. Enabling Bylaws – Authorization and guidelines for APS Unit Statements are provided in Article XVI, Section D of the APS Bylaws.

2. Criteria for Proposed Statements – The following criteria shall be used to determine the appropriateness of a proposed Unit Statement and serve as a proposal template.

- a. **Relevance:** Why should the Unit make this statement and how is it specifically relevant to the interest and expertise of the Unit members?
- b. **Urgency:** Why does the statement need to be issued now?
- c. **Background:** What technical background is there to support the statement?
- d. **Context:** Who are the potential proponents and critics of the statement and what have been/are the actions of other scientific organizations?
- e. **Breadth:** Is this a statement that would be better served as an APS statement?
- f. **Publication:** What should the Unit do with the statement?

- g. **Endurance:** Will the statement have enduring value or is it a temporary position on an issue of specificity?

3. Procedure - The Executive Committee shall be responsible for reviewing and deciding whether or not to advance proposed Unit Statements. It shall also be responsible for statement publication and periodic review to ensure continued relevance.

- a. **Acceptance** – A statement proposal may be submitted by any current Unit member. The proposal should not be more than three pages in length and address the criteria noted in Article ???, paragraph 2. A positive vote by a two thirds majority of Executive Committee members shall be required for a proposed statement to be accepted.
- b. **Drafting** – Upon acceptance, the Chair shall appoint a subcommittee to draft a statement and shall ensure that the subcommittee incorporates members with sufficient expertise. At least two members of the Executive Committee shall be appointed to the drafting subcommittee. A positive vote of the majority of the Executive Committee shall be required to accept a draft Unit Statement for unit membership input.
- c. **Member Input** - The Executive Committee shall actively solicit comments from the unit membership with the assistance of the APS Executive Officer if necessary. Unit members shall have a minimum of 30 days to provide input.
- d. **Modification** - At the end of the comment period, all comments shall be reviewed by the drafting subcommittee. The drafting subcommittee shall determine if the comments justify modifications to the draft statement. All comments and modifications to the statement in light of member comments shall be forwarded to the Executive Committee.
- e. **Approval** – Final Unit approval of the draft statement requires a two thirds positive vote of the Executive Committee. Upon Unit approve, the Unit Statement, the original proposal, and summaries of unit member comments shall be forwarded to the APS Executive Officer. In accordance with APS Bylaws, Article XVI, Section D, Paragraph 3, the APS Executive Officer will coordinate obtaining comments from the Physics Policy Committee, the Office of Public Affairs and the POPA Steering Committee. Concurrence is required from the APS Executive Board prior to publication of any Unit Statement.