

**2017 Business Meeting  
of the APS Topical Group on Shock Compression of Condensed Matter**

July 12, 2017, 12:30 PM, Hyatt Regency at the Arch, St. Louis, Missouri  
(held in conjunction with the 2017 APS Shock Compression Conference)

***Agenda:***

1. Welcome (Swift)
2. Report of last elections (Elert)
3. Financial report (Elert)
4. 2019 Conference (Wixom)
5. Report on Women's Lunch Discussion (Gleason)
6. Adjourn

***1. Welcome (Swift)***

The meeting was called to order by the Topical Group Chair, Damian Swift, at 12:30 pm. A list of attendees is included as Appendix A. There was record-breaking attendance of at least 65 members at the meeting, possibly due to the fact that the conference organizers supplied pizza.

***2. Report of SCCM 2016 Elections (Elert)***

The Secretary-Treasurer reported that the 2016 election was held from November 21 through December 22, 2016. There were 108 ballots cast, a 29% response rate. The candidates are listed below, with winners' names in bold.

- Member-at-large (2 year term; 2 seats available):
  - Samuel Emery
  - **Dan Hooks**
  - **Christopher "Kit" Neel**
  - Forrest Svingala
- Vice-Chair (1 year term + succeeding posts; 1 seat available):
  - **Tim Germann**

The current officers of the Topical Group are:

- Chair: Damian Swift (Lawrence Livermore National Laboratory) through 2017, then Past-Chair
- Chair-Elect: Brian Jensen (Los Alamos National Laboratory) through 2017, then Chair
- Vice-Chair: Tim Germann (Los Alamos National Laboratory) through 2017, then Chair-Elect
- Past-Chair: Dan Dolan (Sandia National Laboratories) through 2017
- Secretary/Treasurer: Mark Elert (US Naval Academy) through 2018
- Member-at-large: Cynthia Bolme (Los Alamos National Laboratory), through 2017
- Member-at-large: Jennifer Gottfried (Army Research Laboratory), through 2017
- Member-at-large: Dan Hooks (Los Alamos National Laboratory), through 2018
- Member-at-large: Kit Neel (Air Force Research Laboratory), through 2018

***3. Financial Report (Elert)***

Total assets as of 12/31/16 were \$347.3K, up about \$9K from the preceding year. There were a few expenses left over from the 2015 meeting to be paid in 2016, but otherwise not much activity. Topical

Group membership in January 2017 was 331, down from 373 at the same point in the previous year. This mostly reflects temporary membership increases in conference (odd-numbered) years, tailing off until the next meeting. Membership as of July 1, 2017 was back up to 468. Minimum APS Topical Group size to avoid probation is 300.

#### ***4. SCCM19 Conference Planning (Wixom)***

The conference co-chairs for the 2019 GSCCM meeting will be Ryan Wixom, David Damm, and Joe Zaug. The conference will be held at the downtown Hilton in Portland, Oregon from June 16 through June 21, 2019. With the 2017 meeting currently in progress and everything fresh in their minds, members had plenty of suggestions for the 2019 organizers. Some of those included changing companion tours to “self-organizing” events, offering family travel awards, and doing community outreach in conjunction with the conference.

#### ***5. Women’s Lunch (Gleason)***

Arianna Gleason gave a report on the Women’s Lunch held on Monday (July 10) at which several suggestions for the 2019 conference were made, as well as discussion of other issues. Her report is included as Appendix B.

#### ***6. Adjourn (Swift)***

The meeting was adjourned at 1:55 pm.

### ***Appendix A – Business meeting attendees who signed the attendance list***

<b>First Name</b>	<b>Last Name</b>	<b>Institution</b>
William	Anderson	Los Alamos Natl Lab
Cris	Barnes	Los Alamos Natl Lab
Iskander	Batyrev	US Army Rsch Lab - Aberdeen
Simon	Bland	
Cynthia	Bolme	Los Alamos National Laoratory
John	Borg	Marquette Univ
Eric	Brown	Los Alamos Natl Lab
Kathryn	Brown	Los Alamos National Laboratory
Stephanie	Brygoo	CEA DAM DIF
Ellen	Cerreta	Los Alamos Natl Lab
Santanu	Chaudhuri	
Frank	Cherne	Los Alamos Natl Lab
John	Corley	AFRL
Scott	Crockett	Los Alamos Natl Lab
David	Damm	Schlumberger Technology Corporation
Dana	Dattelbaum	Los Alamos Natl Lab
Erik	Davies	Univ of California - Davis

Angela	Diggs	AFRL
Avinash	Dongare	University of Connecticut
Jon	Eggert	Lawrence Livermore Natl Lab
Mark	Elert	US Naval Academy
D	Fredenburg	Los Alamos Natl Lab
Timothy	Germann	Los Alamos Natl Lab
Arianna	Gleason	Los Alamos Natl Lab
Martin	Gorman	Lawrence Livermore Natl Lab
Jennifer	Gottfried	US Army Research Laboratory
Richard	Gustavsen	Los Alamos National Laboratory
Eric	Hahn	
James	Hawreliak	Washington State Univ
Daniel	Hooks	Los Alamos Natl Lab
Jennifer	Jordan	Los Alamos National Laboratory
Marcus	Knudson	Sandia Natl Labs
Richard	Kraus	Lawrence Livermore Natl Lab
J	Lane	Sandia Natl Labs
John	Lang	Los Alamos Natl Lab
Amy	Lazicki	Lawrence Livermore Natl Lab
Lara	Leininger	
Anna	Llobet Megias	Los Alamos Natl Lab
David	McGonegle	University of Oxford
Marius	Millot	
Alexander	Moore	Sandia Natl Labs
David	Moore	Los Alamos Natl Lab
Kit	Neel	
Kendal	Ogilvie	
Ivan	Oleynik	Univ of South Florida
Suhithi	Peiris	AFRL - Munitions
William	Proud	Imperial College London
Ramon	Ravelo	
Tommy	Sewell	University of Missouri-Columbia
Steven	Son	Purdue Univ
Christian	Sorensen	Purdue University
Donald	Stewart	Univ of Illinois - Urbana
	Stewart -	
Sarah	Mukhopadhyay	U. California, Davis
Gerrit	Sutherland	
Forrest	Svingala	
Damian	Swift	
Aidan	Thompson	Sandia Natl Labs
Leah	Tuttle	Sandia Natl Labs
Tracy	Vogler	Sandia Natl Labs

James	Walker	Southwest Res Inst
Trevor	Willey	Lawrence Livermore Natl Lab
Cyril	Williams	US Army Rsch Lab - Adelphi
Michael	Winey	Washington State Univ
Ryan	Wixom	Sandia Natl Labs
Marvin	Zocher	LANL

***Appendix B – Summary of Women’s Lunch, July 10, 2017, by Arianna Gleason***

Topics covered during the lunch:

*-Childcare*

*-2017 SCCM*

*-Future options*

*-Scholarships for travel & postdoc sponsorship*

*-Mentorship*

**Childcare comments**

-2017 childcare room was a good starting place

-It would be great to have this sort of option available in Portland and to continue to explore other options and funding streams

**Scholarship comments**

-scholarship for a female grad student is a good place to start

-need to identify nominating committee, or this can be the conference chairs + technical committee

-connect this scholarship option with what Katie Brown is already doing for the student symposium in general.

**Mentorship comments**

-more is needed

-need to do more outreach at the undergrad/grad level to help grow future workforce and increase gender balance

**General comments:**

-most important to establish follow through – nice that we did it this 2017 SCCM and for 2019 in Portland – but we need to maintain momentum to enact change.

Action items:

1. Arianna will reach out to Don Wise to put together a subgroup topical area email listserv aimed at: a) increasing dialogue focused on women in science issues, b) provide a platform from which women at different levels in their careers can connect, and c) advertise for job openings
2. Arianna will try to compile statistics for women’s attendance at this recent SCCM and send it around on this listserv

3. Next SCCM's Women's Lunch Organizers will consider:
  - a. having an invited speaker for the lunch → make this a prestigious invited talk; cost for speaker could be folded into registration fee somehow.
  - b. Panel discussion on career advancement.
4. Can the topical group leadership consider lifting the 'not be considered for an invited speaker' for consecutive meetings for women?
5. Building into the registration cost per person some buffer cost to cover the cost of female grad students and postdocs for the next Women's Lunch → there were 20-30% more women who would've attend but didn't just due to cost.
6. Can topical group leadership consider having a 2 checkbox options on the meeting registration form: 1 box for to request mentorship, and 1 box to indicate the registrant can be listed as a mentor → this would obviously gender neutral but might facilitate more connection between early career women and senior career women. I'm not entirely sure how the mentor-mentee would be connected. This could be discussed between the next SCCM's Women's Lunch Organizers and the next SCCM Conference Chairs.

Volunteers to organize next SCCM's WL are:

Ellen Cerreta < [ecerreta@lanl.gov](mailto:ecerreta@lanl.gov) >

Saryu Fensin < [saryuj@lanl.gov](mailto:saryuj@lanl.gov) >

And additional support was offered by:

Angela Diggs < [angela.diggs.1@us.af.mil](mailto:angela.diggs.1@us.af.mil) >