

**2020 Business Meeting  
of the APS Topical Group on Shock Compression of Condensed Matter**

April 29, 2020, 4:00 PM EDT, Virtual Meeting hosted by GoToWebinar.com  
(originally scheduled to be held in conjunction with the 2020 APS March Meeting)

Reported by Secretary/Treasurer, Matt Lane. Meeting slides and video recording for this meeting have been archived.

***Agenda:***

1. Welcome (Jordan)  
    Introduction of Bill Halperin
2. Election Report (Lane)
3. Financial and Membership Report (Lane)
4. Bylaw Amendment (Lane)
5. Our Role in APS March Meetings (Oleynik)
6. SCCM 2021 Conference (Jordan)  
    SCCM Conference Changes (Jordan)
7. Early Career Award (Jordan)
8. Questions

***1. Welcome (Jordan)***

The meeting was called to order by Topical Group Chair, Jennifer Jordan, at 4:05pm EDT. The list of attendees is included at Appendix A. There were 24 virtual attendees. Bill Halperin, the topical group's representative to the APS Council was present and introduced. Bill is replacing Brad Marston and will serve as the Representative for GSCCM and DCOMP for the next four years. Bill will send an email to members related to COVID-19 response within the APS.

***2. Election Report (Lane)***

The Secretary/Treasurer reported that the election for 2020 leadership was conducted online with directvote.com from November 26 to December 16, 2019. 119 ballots were cast out of 489 eligible (24.3% of membership voted). The candidates and winner (in bold) are listed below:

- Vice-Chair, (1-year term with succeeding posts in chair line)
  - **John Borg**
  - Laura Smilowitz
  - Federica Coppari
- Executive Committee, Member-at-large (2-year term, 2 seats available)
  - **Arianna Gleason**
  - **Marisol Koslowski**
  - Steven Dean
  - Belinda Johnson

**Current Topical Group Officers**

Chair: Jennifer Jordan (1/20 - 12/20) Los Alamos National Laboratory  
Chair-Elect: Ivan Oleynik (1/20 - 12/20) University of South Florida  
Vice-Chair: John Borg (1/20 - 12/20) Marquette University  
Secr./Treas.: J Matthew Lane (1/19 - 12/21) Sandia National Laboratories

Executive Committee, Members-at-Large:

Minta Akin (1/19 - 12/20) Lawrence Livermore National Laboratory

Saryu Fensin (1/19 - 12/20) Los Alamos National Laboratory

Arianna Gleason (1/20 - 12/21) Lawrence Livermore National Laboratory

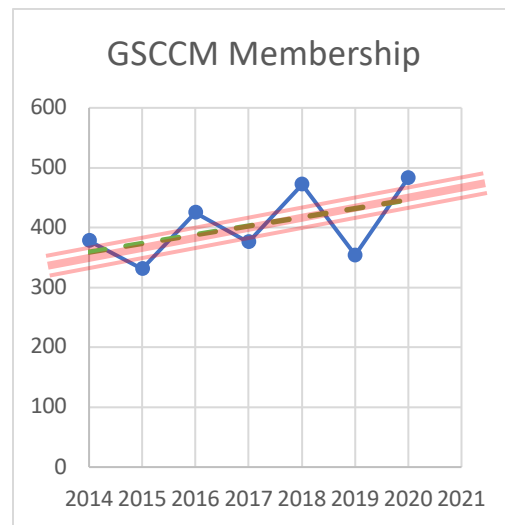
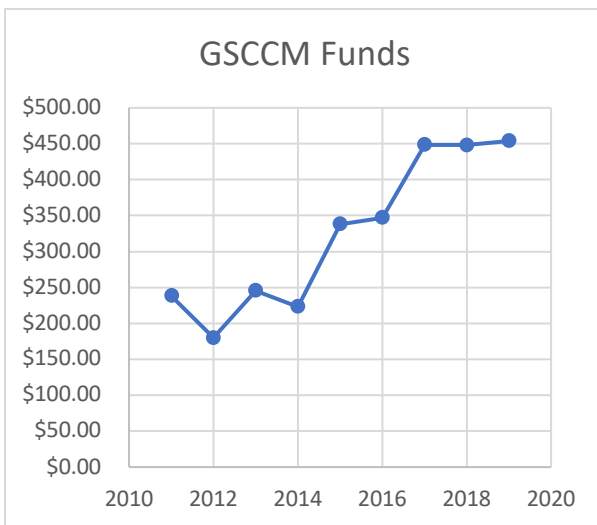
Marisol Koslowski (1/20 - 12/21) Purdue University

Council Rep: Bill Halperin, Div. Condensed Matter Physics

Past Chair: Timothy German (1/20 – 12/20) Los Alamos National Laboratory

### 3. Financial and Membership Report (Lane)

Total assets as of 12/31/2019 were \$453,800, up \$5,700 from the previous year-end balance. The topical group took in \$508,500, mainly in SCCM conference fees. We spend \$502,800, mainly for conference expenses. There are some conference expenses such as the proceedings which have not yet been paid. Therefore, it is likely that the 2019 SCCM conference operated at a loss of at least \$10,000.



On a very positive note, topical group membership rose to 483, up from 354 at the end of 2018, and 472 at the end of 2017. The overall trend since 2013 has been toward growth, but at an average rate which is slightly lower than overall APS growth. This led to our falling below the cutoff for two society fellowships in 2019. This cutoff is approximately represented by the red line in the membership plot. The Executive Committee has identified this as a critical issue. We are investigating avenues to capture and maintain members.

### 4. Bylaw Amendments (Lane)

Topical group Secretary, Matt Lane, introduced the APS Council-approved language for the proposed bylaw changes. See Appendix B for the full language. The changes were meant to accomplish four major goals:

1. Modify the annual timeline for GSCCM elections to align with official calendar year terms.
2. Enumerate two appointed committees to handle two GSCCM awards – Duvall and Early Career
3. Add an Early Career Member-at-Large position to the Executive Committee
4. Improve the descriptions of our annual meetings, alternating between the APS March meeting and SCCM meeting in a 2 year cycle.

These bylaw changes were described to the membership in Portland in June 2019. They were reworded and refined in early 2020 with the help of the APS Society Secretary. The APS Council formally approved the language at their April 14, 2020 meeting. The topical group will vote to ratify the changes in a special online election which is scheduled for May and June of 2020.

### ***5. Our Role in APS March Meetings (Oleynik)***

GSCCM Chair-elect, Ivan Oleynik, outlined recent successes in better coordinating with the March Meetings. The GSCCM Vice-Chair now officially represents the topical group on the March Meeting Organizing Committee. Furthermore, regular GSCCM sorting categories have been added for: Theory and Simulation of Materials in Extreme Conditions; Static High-Pressure Experiments; Dynamic Compression Experiments; and Other Extreme Conditions. These categories, and focus sessions are extremely important for attracting and promoting early career GSCCM researchers as invited speakers.

### ***6. SCCM 2021 Conference (Jordan)***

2021 Conference Co-Chair, Jennifer Jordan, provided an update on the planning for the upcoming biennial meeting. The meeting is scheduled for June 27 – July 2, 2021 at the Sheraton Grand Chicago. The technical committee invitations have been sent, and the website will be updated shortly. Moving forward, the GSCCM Executive Committee is working with the APS Meeting dept to identify future meeting locations through 2023 and 2025. By planning out further, the topical group hopes to secure better conference rates. This change will refocus the conference chairs on technical, rather than logistical planning. In many cases, locations may be selected before organizers have been identified. If you, or your team, are interested in chairing the 2023 conference, please contact a member of the Executive Committee.

### ***7. Early Career Award (Jordan)***

GSCCM Chair, Jennifer Jordan, provided an overview of planning for the endowment of a society-level early career award in shock compression. The formation of a committee is in process for formalizing the award with APS. Our proposal will need to be submitted by July 2020 for APS approval. Fundraising will be initiated upon APS approval. Donation pledges, as well as committee member nominations are welcome.

### ***8. Questions***

The 2019 SCCM Proceedings have been completed and will go to the press by the end of the week. If all goes well with the AIP, we would expect that the manuscripts will be published online within another month. There are possible delays due to COVID-19.

**Knudson Marcus 04:11:55 PM EDT**

This is Marcus Knudson - I'm attending in listen only mode. Don't know how to activate my microphone...

**ANSWER:** Hi Marcus, everyone is muted except for the committee. Please put questions in question box and they will be read out, The attendees aren't able to talk for this webinar. You can put questions and comments here.

**Knudson Marcus 04:20:38 PM EDT**

What percentage of members need to vote to ratify?

**ANSWER:** 2/3 votes are needed to ratify. It is not tied to member but rather those who vote. Matt will verify this is the case.

**Germann Tim 04:25:03 PM EDT**

Correct, see the last sentence of the bylaws:

<https://www.aps.org/units/gscdm/governance/bylaws.cfm>

[ANSWER: Thanks Tim!](#)

**Gonzales Manny 04:27:55 PM EDT**

There does not seem to be a large impetus to continue the APS membership throughout the year unless a larger role in the APS March meetings is obtained by the GSCDM. That is the problem with Biennial meetings, although this one is extremely important. Having additional annual meetings and events (of slightly less, but still significant impact) during off-years can help. There has to be an incentive for younger members to keep up the membership. The influx of membership is likely from students during the SCCM meeting years.

**Gonzales Manny 04:32:14 PM EDT**

Lots of students drop the APS membership... I know I did before until I had a better salary.

**Gonzales Manny 04:32:40 PM EDT**

It's hard to keep up with all the other competing societies (TMS, etc.) when starting out

**Brown Eric 04:33:28 PM EDT**

Even during our GSCDM meeting year, what fraction of our attendees are APS members? It seems like maybe about a third of the conference attendees don't actually become members in the first place.

**Gonzales Manny 04:34:36 PM EDT**

I bet it's a lot of students....

**Gonzales Manny 04:34:51 PM EDT**

Faculty can help stimulate the continued enrollment.

**Gonzales Manny 04:35:36 PM EDT**

Membership spikes during biennial year because it reduces conference fees substantially and Faculty need this to reduce the cost of the student attendance

**Dolan Daniel 04:39:30 PM EDT**

Do conference chairs select a general location, e.g. city, and APS manages the rest?

[ANSWER: Executive Committee selects general locations, APS does the rest](#)

**Knudson Marcus 04:48:07 PM EDT**

I do think they are spikes in the on-year as people take advantage of the lower registration cost for APS members

**Knudson Marcus 04:49:50 PM EDT**

Agreed - I think it was mentioned earlier that we need to come up with incentives for people to maintain their membership during the off-years

**Gonzales Manny 04:50:04 PM EDT**

Comment on TMS/MRS, indeed this happens, though not as much as spikes from students and faculty trying to stimulate attendance to the SCCM

**Gleason Arianna 04:51:12 PM EDT**

Could we leverage User Consortia in particular at all the Lightsources we use to get the word out for folks to join?

**Gleason Arianna 04:52:22 PM EDT**

For instance, some of us are on the User Exec Committee for these Lightsources and we could advertise the advantage in membership to GSCCM to certain topical areas?

**Gleason Arianna 04:54:22 PM EDT**

thanks!

**Thadhani Naresh 04:54:18 PM EDT**

thank you for the update

*Appendix A: Meeting attendees who signed the attendance list*

<b>First Name</b>	<b>Last Name</b>	<b>Institution</b>
Christian	Blum-Sorensen	Purdue Univ.
Cindy	Bolme	Los Alamos National Lab
John	Borg	Marquette Univ.
Eric	Brown	Los Alamos National Lab
Ryan	Crum	Lawrence Livermore National Lab
David	Damm	Sandia National Labs
Dana	Dlott	Univ. of Illinois Urbana-Champaign
Daniel	Dolan	Sandia National Labs
Tim	Germann	Los Alamos National Lab
Arianna	Gleason	Stanford Univ.
Manny	Gonzales	U.S. Air Force Research Lab
William (Bill)	Halperin	Norstwestern Univ.
Jennifer	Jordan	Los Alamos National Lab
Marcus	Knudson	Sandia National Labs
Mukul	Kumar	Lawrence Livermore National Lab
Matt	Lane	Sandia National Labs
John	Lang	Los Alamos National Lab
Becky	Lindsey	Lawrence Livermore National Lab
Fady	Najjar	Lawrence Livermore National Lab
Ivan	Oleynik	Univ. of South Florida
Ronald	Peterson	
Naresh	Thadhani	Georgia Tech.
Tracy	Vogler	Sandia National Labs
Ryan	Wixom	Sandia National Labs
Min	Zhou	Georgia Tech.

## Appendix B: Council-approved bylaw changes

**GSCCM Bylaws**  
**Approved by APS Council.**  
**Revised by GSCCM Members.**

**PREAMBLE**  
 In the following text, "Society" shall signify the American Physical Society, "Council" and "Board" shall signify the Council of Representatives and the Board of Directors of the Society, respectively; and, "Regular Meeting" shall signify the principal meeting held once a year by the Topical Group.

**ARTICLE I – NAME**  
 This Topical Group of the American Physical Society shall be called the Topical Group on Shock Compression of Condensed Matter (GSCCM).

**ARTICLE II – OBJECTIVE**  
 The objective of the Topical Group shall be to foster the development and exchange of information in the discipline of shock compression science. The Group shall provide to its members, and to all members of the American Physical Society, an opportunity to participate in the development of shock compression science through the exchange of computational studies, experimental methods and developments, and numerical methods that are necessary to facilitate an understanding of the physics of shock compression of condensed matter. The Group shall:

- Promote scientific activities in shock compression science;
- Provide a forum for the exchange of information through publications, conferences and other professional means;
- Enhance the professional standing of its members, and the scientific stature of shock compression science through peer recognition of outstanding contributions to this field.

**ARTICLE III – ENABLING CONSTITUTIONAL PROVISION**  
 Article VIII of the Constitution and Bylaws, and the associated Policies and Procedures, of the Society, as said Article and Policies and Procedures may be subsequently revised or amended, are hereby incorporated in these Bylaws by reference.

**ARTICLE IV – MEMBERSHIP**  
 The members of the Topical Group shall consist of members of the Society who have indicated in accordance with procedures established by the Board and Council their desire

District: (Proposed on Feb. 27<sup>th</sup> 2020, based upon the recommendations of the APS Council, April 30, 2024, amended June 2014)  
 Formatted: Font: Ital, Superscript  
 Formatted: Font: Ital  
 Formatted: Font: Ital  
 District: (\_\_\_\_\_  
 District: Executive  
 District: Council  
 District: Executive  
 District: Executive Officer shall signify that Officer of the Society.  
 District: )  
 District: is  
 Moved down 11: A copy of these Bylaws shall be provided to the members of the Topical Group on Shock Compression of Condensed Matter and to all members of the American Physical Society. The Bylaws shall be made available to all members of the Topical Group, and to others as deemed appropriate by the Chair of the Topical Group.

**Amendment Synopsis - GSCCM**

This set of bylaws was last reviewed in 2014. Several edits were made to bring these in line with governance best practices and for consistency with other unit bylaws. The following changes were made:

- The timeline for unit elections has been modified to reflect the fact that elections are no longer tied to the unit's annual meeting, but rather the calendar year.
- Two appointed committees have been added to handle the unit's two awards.
- An Early Career Member-at-Large position has been added to the Executive Committee; election and term stipulations are included.
- Frequency of meetings has been clarified; the unit shall meet at the March Meeting every year, including the year of their biennial meeting.
- Edits were made for consistency and best practice.

to join the Topical Group and who retain membership from year to year by the payment of designated dues or by other method established by the Board.

#### ARTICLE V – EXECUTIVE COMMITTEE

1. **Governance.** The Topical Group shall be governed by an Executive Committee, which shall have general charge of the affairs of the Topical Group.

2. **Composition.** The Executive Committee shall consist of the Officers of the Topical Group, the most recent Past Chair, four Members-at-Large elected to staggered two-year terms, and one **Early Career Member-at-Large** elected to a two-year term. The **Early Career Member-at-Large** shall be a graduate student or early career member, as defined by the APS, at the time of the election.

3. **Executive Committee Meetings.** The Executive Committee shall meet at least once each year. Any member of the Executive Committee unable to attend a meeting may name a nonvoting alternate who is a member of the Topical Group to good standing to represent him or her, subject to the approval of the Chair. The Chair of the Topical Group shall preside over the Executive Committee meetings. A majority of the voting members, including at least two Officers, shall constitute a quorum.

#### ARTICLE VI – OFFICERS

1. **Officers.** The Officers of the Topical Group shall be a Chair, a Chair-Elect, a Vice-Chair, and a Secretary-Treasurer.

2. **Duties of the Chair.** The Chair has overall responsibility for the operations of the Topical Group and shall preside at all meetings of the Executive Committee of the Topical Group at which his or her attendance is possible. The Chair, in collaboration with the Secretary-Treasurer, shall prepare the agenda of Executive Committee meetings.

3. **Duties of the Chair-Elect.** The Chair-Elect shall act in place of the Chair if the latter is unable to perform his or her duties. The Chair-Elect shall perform such other functions as may be explicitly provided in the Bylaws.

4. **Duties of the Vice-Chair.** The Vice-Chair shall act in place of the Chair-Elect if the latter is unable to perform his or her duties. The Vice-Chair shall perform such other functions as may be explicitly provided in the Bylaws.

5. **Duties of the Secretary-Treasurer.** The Secretary-Treasurer shall maintain the records of the Topical Group including minutes of Executive Committee meetings and Business

Sessions, Topical Group activities, and membership lists, and shall transfer these records to the succeeding Secretary-Treasurer. The Secretary-Treasurer shall prepare minutes of Executive Committee meetings and shall submit these minutes to each member of the Executive Committee and to the Society Corporate Secretary within two weeks after each meeting. Following elections, such minutes are to include the results of the election and a roster of the current Executive Committee membership. All minutes shall be made available to any member of the Topical Group upon request.

The Secretary-Treasurer shall keep the Council informed of the activities and needs of the Topical Group.

The Secretary-Treasurer shall maintain a copy of the unit bylaws and provide a copy to all officers of the Topical Group. The bylaws shall be made available to all members of the Topical Group, and to others as deemed appropriate by the Chair of the Topical Group.

The Secretary-Treasurer shall have responsibility for all funds in the custody of or placed at the disposal of the Topical Group and, with concurrence of the Chair, shall authorize disbursements from such funds for expenses in a manner that is consistent with the general policies of the Society and the Topical Group. Financial records shall be kept on an annual basis consistent with the fiscal policies of the Society. The Secretary-Treasurer shall present a financial report at each meeting of the Executive Committee and at the annual Business Session of the Topical Group.

6. **Duties of the Past Chair.** The Past Chair shall perform such functions as may be explicitly provided in the Bylaws.

#### ARTICLE VII – ELECTION AND TENURE OF THE OFFICERS AND EXECUTIVE COMMITTEE MEMBERS

1. **Qualifications.** Officers and Members-at-Large of the Executive Committee must be members of the Topical Group in good standing.

2. **Ballot.** The Vice-Chair, Secretary-Treasurer, and Members-at-Large of the Executive Committee shall be elected by mail and/or electronic ballot as hereinafter provided.

3. **Nomination and Election of the Vice-Chair, Secretary-Treasurer, and Executive Committee Members.**

**Itemized:** Highlight

**Deleted:** Any member of the Topical Group may resign. Voting privileges in elections of the Topical Group shall be limited to members of the American Physical Society. The Topical Group has been removed by the Executive Officer at least thirty days prior to voting.

**Deleted:** and

**Deleted:** Student or Undergraduate or fewer years of work experience  
**Itemized:**

**Deleted:** Executive Officer

**Deleted:** six

**Deleted:** and Executive Officer of the Society.

**Deleted:** (insertion) | |

**Deleted:** A copy of these Bylaws shall be maintained by

**Deleted:** the Chair of the Topical Group on Shook

**Deleted:** a copy presented

**Deleted:** B

**Deleted:** 1

The Secretary-Treasurer shall invite the Topical Group members to suggest candidates to the Nominating Committee in writing for the various offices and Executive Committee positions. Each year the Nominating Committee shall nominate at least two candidates for the office of Vice-Chair, for Secretary-Treasurer during the final year of the term of the current Secretary-Treasurer, at least three candidates for open positions of Members-at-Large, and at least two candidates for the Entry Career Member-at-Large position. The Nominating Committee shall consult with the Chair before approving the nomination of any candidate for a second consecutive term. In the case of elections when the Secretary-Treasurer is a candidate for a second term, the election shall be administered by a process determined by the Executive Committee. The Nominating Committee shall notify the Secretary-Treasurer of the results not later than twelve weeks prior to the end of the official year, except under extraordinary circumstances. If as many as five percent of the Topical Group membership determined on December 31<sup>st</sup> of the year preceding the election suggests in writing the same person for the same office, that person shall be deemed to have been nominated. The nominee's written acceptance, biographical information, and letters from five percent of members suggesting this nominee must be in the office of the Secretary-Treasurer at least two weeks prior to the end of the official year.

The Secretary-Treasurer shall roll the Topical Group membership by mail and/or electronic ballot not later than six weeks prior to the end of the official year, stating a closing date no less than three weeks later. Ballots shall be returned to and counted by the Secretary-Treasurer or his or her designate. Election shall be decided by a plurality of those voting. If there is a tie, the Executive Committee shall decide the election, with the Chair voting only in the case of a tie among the other Executive Committee members. The Secretary-Treasurer shall communicate the results of the election to the Chair and the Society Corporate Secretary at least two weeks prior to the end of the official year and shall publish the results in a manner designated for official announcements.

**4. Official Year.** The official year shall extend from January 1 to December 31.

**5. Vice-Chair, Chair-Elect, and Chair.** The member elected as Vice-Chair shall serve in that office for one year, then for one year as Chair-Elect, and then for one year as Chair. The Chair shall not be eligible for the office of Vice-Chair in the year following his or her term of office. The Chair shall serve on the Executive Committee for one year after his or her tenure as Chair has been served.

**6. Terms of Office.** The terms of office of the Officers and Members-at-Large of the Executive Committee shall begin on the first day of January following their election. The Secretary-Treasurer shall serve for a term of three years and may not serve more than two

**Interid: 2**  
**Interid: 3**  
**Interid: 4**  
**Interid: 5**  
**Interid: 6**  
**Interid: 7**

consecutive terms. The tenure of a Member-at-Large of the Executive Committee shall be two years. The Entry Career Member-at-Large shall also serve a two year term. No Officer or Member-at-Large shall be eligible for the same office in the year following his or her term of office, with the exception of the Secretary-Treasurer.

**7. Vacancies in Offices.** If a vacancy occurs in the office of Chair, the Chair-Elect shall succeed and complete the term and shall serve as Chair also in the following year. The Vice-Chair shall serve simultaneously as Chair-Elect during the remainder of the term and shall continue to serve as Chair-Elect in the following term.

If a vacancy occurs in the office of Chair-Elect otherwise than through advancement to Chair, the Vice-Chair shall become Chair-Elect. In this case, and also if the office of Vice-Chair becomes vacant for other reasons, the office of Vice-Chair shall remain vacant for the remainder of the term. In the next scheduled election, candidates for both Chair-Elect and Vice-Chair shall be nominated.

If vacancies occur in the offices of both the Chair and the Chair-Elect, the Vice-Chair shall become Chair and shall complete the term. In this case a special election shall be held to fill the offices of Chair-Elect and Vice-Chair. The members so elected shall continue to serve as officers in the normal succession order.

Vacancies in any other elected office shall be filled (or left unfilled) by the Executive Committee until such time as the vacancy can be filled by regular election procedures.

**ARTICLE VIII – APPOINTED COMMITTEES**

All committee members must be APS and GSCOM members, in good standing.

**1. Nominating Committee.** The Nominating Committee shall be chaired by the immediate Past Chair and shall include three members appointed by the Chair and one member appointed by the APS to two-year terms. The Chair shall ascertain through the Society Corporate Secretary the identity of APS-appointed member. Every attempt shall be made to ensure that the Nominating Committee is constituted from academia, industry and government laboratories. The Nominating Committee shall prepare a slate of candidates for the positions of Vice-Chair, Secretary-Treasurer, and Members-at-Large of the Executive Committee according to Article VII.3 of these Bylaws. The Nominating Committee shall advise the Chair on suitable candidates for Society committees, including relevant Society Prize and Award committees, and on candidates for Society offices. The Nominating Committee should strive to nominate slates of candidates that reflect the diversity of the Topical Groups membership.

**Interid: same**  
**Interid: 8**  
**Interid: 9**  
**Interid: 10**  
**Interid: 11**  
**Interid: 12**  
**Interid: 13**  
**Interid: 14**  
**Interid: 15**  
**Interid: 16**  
**Interid: 17**  
**Interid: 18**  
**Interid: 19**  
**Interid: 20**  
**Interid: 21**  
**Interid: 22**  
**Interid: 23**  
**Interid: 24**  
**Interid: 25**  
**Interid: 26**  
**Interid: 27**  
**Interid: 28**  
**Interid: 29**  
**Interid: 30**  
**Interid: 31**  
**Interid: 32**  
**Interid: 33**  
**Interid: 34**  
**Interid: 35**  
**Interid: 36**  
**Interid: 37**  
**Interid: 38**  
**Interid: 39**  
**Interid: 40**  
**Interid: 41**  
**Interid: 42**  
**Interid: 43**  
**Interid: 44**  
**Interid: 45**  
**Interid: 46**  
**Interid: 47**  
**Interid: 48**  
**Interid: 49**  
**Interid: 50**  
**Interid: 51**  
**Interid: 52**  
**Interid: 53**  
**Interid: 54**  
**Interid: 55**  
**Interid: 56**  
**Interid: 57**  
**Interid: 58**  
**Interid: 59**  
**Interid: 60**  
**Interid: 61**  
**Interid: 62**  
**Interid: 63**  
**Interid: 64**  
**Interid: 65**  
**Interid: 66**  
**Interid: 67**  
**Interid: 68**  
**Interid: 69**  
**Interid: 70**  
**Interid: 71**  
**Interid: 72**  
**Interid: 73**  
**Interid: 74**  
**Interid: 75**  
**Interid: 76**  
**Interid: 77**  
**Interid: 78**  
**Interid: 79**  
**Interid: 80**  
**Interid: 81**  
**Interid: 82**  
**Interid: 83**  
**Interid: 84**  
**Interid: 85**  
**Interid: 86**  
**Interid: 87**  
**Interid: 88**  
**Interid: 89**  
**Interid: 90**  
**Interid: 91**  
**Interid: 92**  
**Interid: 93**  
**Interid: 94**  
**Interid: 95**  
**Interid: 96**  
**Interid: 97**  
**Interid: 98**  
**Interid: 99**  
**Interid: 100**





3. **Other Meetings.** Meetings of the Topical Group, other than the Regular Meeting, may be initiated by the Executive Committee or by petition of twenty percent of the members of the Topical Group, subject to consultation with the Society Director of Meetings. Special conferences may be sponsored in whole or in part by the Topical Group, subject to the rules and regulations specified in the Society Constitution and Bylaws.

4. **Papers at Meetings.** Programs of meetings of the Topical Group may provide for the inclusion of both invited and contributed papers. When a meeting of the Topical Group is held in conjunction with a meeting of the Society, the rules of the Society shall apply to submitted papers. When a meeting of the Topical Group is not held in conjunction with a meeting of the Society, the Executive Committee shall prescribe the subject and character of the meeting, which may include limitations on the subject matter of submitted papers. The Secretary-Treasurer shall fix the deadline date for receipt of titles and abstracts in consultation with the Executive Officer and shall designate the place to which they should be sent. The amount of time to be allowed for the presentation of a paper at the Regular Meeting shall be determined by the Program Committee, except as otherwise directed by the Executive Committee. These allotments of time shall be consistent with the Constitution and Bylaws of the Society and with regulations of Council.

#### ARTICLE X – DUES

Dues for maintenance of membership in the Topical Group shall be established by the Board.

#### ARTICLE XI – OFFICIAL ANNOUNCEMENTS

Official announcements shall be made in the APS News, at the discretion of the APS News Editor, and in such other publications as the Executive Committee may direct.

#### ARTICLE XII – PROCEDURE OF AMENDMENT OF BYLAWS

Proposal of an amendment to these Bylaws may be made by the Council, by the APS Executive Committee, or by petition of ten percent of the members of the Topical Group. However initiated, it must be reviewed by the APS Governance Committee and approved by Council before further action can be taken. Voting on the proposed amendment shall be as follows. If a special election is to be held, the Secretary-Treasurer shall initiate a vote of the membership and the election is not held, a vote on the proposed Amendment will be included on the next regularly scheduled unit election. Adoption of the amendment shall require a two-thirds vote by these voters.

Included: Council  
Formatted: Font: Italic

Included: **ARTICLE XII – UNIT STATEMENTS**  
The APS Bylaws – Authorization and guidance for APS Units is found in the APS Bylaws, Section D of the APS Bylaws. The criteria shall be used to determine the appropriateness of a proposed Unit Statement and serve as a proposal Release. Why should the Unit make this statement and how is it specifically relevant to the interest and need? What technical background is there to support the statement? Who are the potential proponents and critics of the statement? Who are the other scientific organizations? What are the actions of an APS statement? Publication: What should the Unit do with the Endorsement? Will the statement have enduring value or is it a temporary position on an issue of specificity? Who is responsible for reviewing and deciding whether or not to advance proposed Unit Statements. It shall also be reviewed to ensure continued relevance. Periods of Acceptance – A statement proposal may be submitted for review and approval for a period of 30 days. The APS Executive Committee shall be responsible for reviewing and deciding whether or not to accept a statement proposal. A statement proposal shall be required for a proposed statement to be accepted. The APS Executive Committee shall be responsible for reviewing and deciding whether or not to accept a statement proposal. The APS Executive Committee shall be responsible for reviewing and deciding whether or not to accept a statement proposal.

Included: 1  
Formatted: Space Before: 0 pt, After: 0 pt, Line spacing: 1.0

Included: A  
Formatted: A

Included: Following Council approval, the Secretary-Treasurer shall initiate a vote of the membership and the election is not held, a vote on the proposed Amendment will be included on the next regularly scheduled unit election. Adoption of the amendment shall require a two-thirds vote by these voters.

Formatted: Font: (Default) Bold (Calibri), 12 pt, text color: #000000