

**American Society of Mechanical Engineers - Aerospace Division
Adaptive Structures and Material Systems Branch**

Meeting Agenda

Fall Meeting at SMASIS 2020
Virtual Conference

Wednesday, September 16, 2020, 11:00 AM – 1:00 PM

Location: Zoom

1. Attendance and acknowledgment of visitors (Branch Chair: Gary Seidel)
Total attendance = 93
2. Review and acceptance of SPIE 2020 (virtual meeting in June) meeting minutes (Branch Chair: Gary Seidel)
Nothing to accept as the meeting was not an official branch meeting. Notes are on the website.
3. Membership Report (Branch Secretary: Rich Beblo)
 - 3.1. Circulation of roster for updating
This was done via Zoom.
 - 3.2. Breakdown of membership
Presentation of membership, largely academic, could do better in converting industry and government friends to members.
4. Treasury Report (Branch Treasurer: Lucy Yu)
 - 4.1. Status update – nothing to report
Lucy reviewed requirements for awards (excel file): must have correct title & complete address
5. Update on ASME Aerospace Division by Division Representative –Oliver Meyers, Cornel Ciocanel, Darren Hartl
 - 5.1. Branch Division Discussion (Gary Seidel, Diann Brei)
**Diann: ASME is reorganizing again, will roll out at IMECE. See slides for description. New leadership has decided to focus on aerospace and less on materials. Propose taking advantage of reorg and petition ASMS branch becomes division of ASME. Proposed: form a working group to develop formal proposal of becoming a division. Points of concern during discussion: the aero division has a large membership which gave us a large “voice” in ASME; there is a desire to discuss the name, but we should continue w/ SMASIS for name recognition and revisit in the future; it was noted that the SMASIS conference is a large part of becoming a division and we need to be sure of the health of the conference long term; may be issues when dividing existing funding with the Aero Div; process is likely antiquated and difficult;
**ACTION ALL: make sure your membership status w/ ASME and the Division is correct
Motion to create working group and pursue division status is approved via vote.****
6. Status of Branch’s Technical Committees (Branch Vice Chair: Mike Philen) – **see slides**
 - 6.1. Active Materials and/or Multifunctional Materials (Chair: Cornel Ciocanel and co-Chair: Reza Rizvi)
 - 6.2. Adaptive Systems Dynamics and Controls (Chair: Giovanni Berselli and co-Chair: Suyi Li)
 - 6.3. Structural Health Monitoring (Chair: Dan Cole and co-Chair: Benjamin Grisso)
 - 6.4. Active Material Technology and Integrated Systems (Chair: Johannes Riemenschneider and co-Chair: Rich Beblo)
 - 6.5. Bio-inspired Structures and Systems (Chair: Andy Sarles and co-Chair: John Swensen)
 - 6.6. Energy Harvesting (Chair: Lei Zuo and co-Chair: Sherry Towfighian)
7. Report on SMASIS conference (Oliver Myers, Andy Sarles, Amin Karami) **See slides**
 - 7.1. Summary of SMASIS 2020

7.2. Discussion of plans for SMASIS 2021

All ASME conferences will be virtual through December 2021

7.3. Future of SMASIS –

7.3.1. Selection of dates

Dates have not been published yet, desire to keep current March schedule

7.3.2. International sites

7.3.3. Transition to Journal publication

8. Update on SMASIS student competitions – see slides

8.1. Best Student Paper update (Giovanni Berselli and Amin Bibo)

8.2. Best Student Hardware update (Amin Bibo and Giovanni Berselli)

9. Report on SPIE Smart Structures/NDE conference (Zoubeida Ounaies) – see slides

9.1. 2020 Symposium Chairs: Zoubeida Ounaies and Hoon Sohn

9.2. Report on Specific Conferences at SPIE as needed

9.3. Planning for 2021 Conference – March 7-11, Long Beach CA, currently in person

10. Report on AIAA/ASME/AHS Adaptive Structures Conference (at SciTech) (Darren Hartl) – see slides, presented by Gary. 2021 will be virtual.

11. Report on International Conference on Adaptive Structures & Technology (ICAST) (Ramin Sedaghati and Yong Chen, Eugenio Dragoni and Paolo Gaudenzi Italy)- see slides

ICAST 2020 has been postponed to October 2021, meeting on 7 Oct 2020 will decide date

12. Honorific Subcommittee (Mike Philen) – see slides

12.1. ASME Adaptive Structures and Material Systems Prize (Presented by: Ralph Smith)

12.2. Gary Anderson Award (Presented by: Mike Philen):

12.3. ASMS Best Paper Awards

12.3.1. Structures and Structural Dynamics (Presented by: Mike Philen)

12.3.2. Mechanics and Materials System (Presented by: Mike Philen)

12.3.3. Ephraim Garcia Best Paper Award (Presented by: Eric Ruggiero)

12.4. TC Best Paper Awards – In TC Slide Updates

12.4.1. All 6 TCs now have active awards

12.5. ASME Fellow Nominations and New Fellows (Marcelo Dapino) – see slides

Please contact Marcelo at least a month ahead of the deadline for nominations (March, June, Sept, & Dec 1st)

13. Branch web site (<http://asms-tc.org>) report (Onur Bilgen)

13.1. ASME Website status update: - see slides, everything looks good

13.1.1. Members/officers list updated, fellows etc

13.1.2. SMASIS 2020 Agenda uploaded

14. Other Branch business (Gary Seidel)

14.1. Bylaw updates – see slides, all changes were approved

15. Discussion of leadership ascendancy (Mike Philen)

15.1. Ascension of Branch Chair: Mike Philen

15.2. Ascension of Branch Co-Chair: Lucy Yu

- 15.3. Call for nominations for Branch Treasurer – **Nominate Rich Beblo**
- 15.4. Vote on Branch Treasurer – **Rich Beblo approved.**
- 15.5. Appointment of new Branch Secretary – **Bjoern Kiefer**

16. New Business

17. Nomination of new Branch members (Mike Philen) – **all nominees were accepted**
 - 17.1. Call for nominations (17)
 - 17.2. Review of nomination slide(s)
 - 17.3. Vote on new members –

18. Adjourn – **1:15 pm EST**