

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

Summer Virtual Meeting (Executive Team and TC Leadership)  
Zoom  
Monday, June 22, 2020 from 3:00-4:00pm in cyberspace

**AGENDA**

Attendance: Gary Seidel, Andy Sarles, Lei Zuo, Oliver Myers, Andres Arrieta, Cornel Ciocanel, Dan Cole, Eric Freeman, Giovanni Berselli, Johannes Riemenschneider, John Swensen, Julianna Abel, Lucy Yu, Mike Philen, Reza Rizvi, Sherry Towfighian

Virtual Meeting Agenda Items

**Item 1:** TC Updates from virtual SPIE 2020 meetings

**Item 2:** Discussion on virtual SPIE 2020 meetings

**Item 3:** Discussion on virtual SMASIS 2020 meetings

- new system OpenWater portal
- review process still going well
- on the order of 200 papers
- challenge with Covid; domestic and/or international
- virtual format may increase international participation
- Irvine hotel had to cancel; no conference until October; probably not going to make October either
- 2 day conference 5 hr per day; mix synch and asynch; survey forthcoming on author presentation format
  - 2 keynotes; one external; one award winner (roughly 30 min)
  - TC 1 invited speaker per TC for 20 min
  - tech talks for general authors 10-15 min
  - two week repository for asynch
  - pioneer banquet will go forward virtually byob/d
  - panel discussion/breakout rooms
  - virtual networking events
- student paper/hardware competition? Yes, submit a couple weeks before; announce winners at virtual banquet
  - will there be a program? Program deadline? End of July schedule talks;
  - will there networking opportunities? yes
  - how to hold branch and TC meetings? ASME might have a platform for branch meeting; otherwise TCs meet individually
  - live events might be central time; noon to 5 east coast time

**Item 4:** Branch/TC Awards

- Best paper awards Mats & Sys and Str & Str Dyn (Mike Philen) in progress
- Gary Anderson (Mike Philen) – decided and I need to announce winner
- Garcia (Ruggiero, need successor)

- ASME Adaptive Structures and Material Systems Prize (Ralph Smith)
- TC Awards – see below
- Info for SMASIS program
- Plaques and Checks spreadsheet

**Item 5: Branch Bylaws Considerations**

- Discussion: Putting rules/limits on number of papers nominated for best paper awards.
  - 1 per BRANCH member per category?
  - same paper to multiple awards at present
  - Dan: TC staggered award levels
  - Andres: seems reasonable to have 1 paper per award; but not each TC nominating one paper
  - nominator to present award at branch meeting?
- Discussion: Clarifying awards committee assignment definitions
  - executive committee/team roles, past winner roles
- Outreach/Activities/ Student Community Develop into the bylaws/ tied coupled relationship with best paper/best hardware and other conferences (SPIE and ICAST)
  - add typical dates to help in leadership transition

**Item 6: Aerospace Division Representative (Executive Team Discussion)**

- Need rep by June 30.
- Oliver Myer repeat, Darren Hartl

**Item 7: Web Updates:**

- Member update
- Fellows list update

**Item 8: Branch ascension schedule**

- Should follow?

Nominal SPIE AGENDA (for reference)

1. Attendance and acknowledgment of visitors (Branch Chair:)
2. Review and acceptance of SMASIS 2019 meeting minutes (Branch Chair:)
3. Membership Report (Branch Secretary:)  
 3.1. Circulation of roster for updating  
 3.2. Breakdown of membership
4. Treasury Report (Branch Treasurer:)  
 4.1. Status update
5. Update on ASMS Branch Ascension to ASMS Division with the ASME.  
 5.1. Update ()
6. Update on Aerospace Division by Aerospace Division Executive Committee Chair ()

7. Status of Branch's Technical Committees (Branch Vice Chair:)
  - 7.1. Active Materials and/or Multifunctional Materials (Chair: Cornel & Reza )  
invited for meeting; but not much feedback for participants; so delay until SMASIS; best paper
  - 7.2. Adaptive Systems Dynamics and Controls (Chair: Giovanni)  
did meet via webex May 22; 10 participants; discussed TC awards and symp 3
  - 7.3. Structural Health Monitoring (Chair: Dan Cole)  
21 May had meeting; reviewed member activities; nominations for awards; 2019 best paper award decided and ready to send to branch; discussed ways to increase membership in light of conflict with another conference every other year
  - 7.4. Active Material Technology and Integrated Systems (Chair: Johannes)  
no meeting; AMTIS award decided and Rich has information.
  - 7.5. Bio-inspired Structures and Systems (Chair: Andy)  
met on June 5; 7 or 8 in attendance via zoom; leadership transition discussed; two nominations for branch membership coming; just completed best paper award; would like to enter spreadsheet award; do have a best symposia paper award, need to confirm how to process with Janet after conference
  - 7.6. Energy Harvesting (Chair: Lei Zuo)  
will have meeting this Friday; just submitted best paper award; Question: TC members have to be branch members; send slide template for nominating
8. Updates on TC Awards (Cornel Ciocanel)
9. Update on SPIE Best Student Paper competition (Darren Hartl and Constantin Ciocanel)
10. Report on SMASIS conference ()
  - 10.1. Summary of SMASIS 2019
  - 10.2. Discussion of plans for SMASIS 2020—Irvine, CA
11. Report on SPIE Smart Structures/NDE conference ()
  - 11.1. 2017 – Symposium Chairs:
  - 11.2. Report on Specific Conferences at SPIE
    - 11.2.1. Active and Passive Smart Structures and Integrated Systems XI (Chair:)
    - 11.2.2. Behavior and Mechanics of Multifunctional Materials and Composites XI (Chair:)
    - 11.2.3. Industrial and Commercial Applications of Smart Structures Technologies XI (Chair:)
    - 11.2.4. Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems (Chair)
    - 11.2.5. Smart Materials and Nondestructive Evaluation for Energy Systems III (Chair:)
    - 11.2.6. A Tribute Conference Honoring Daniel Inman (Chair:)
12. Report on AIAA/ASME/AHS Adaptive Structures Conference ()
  - 12.1. 2019 – January 8-12, 2019, Gaylord Palms, Kissimmee, FL
  - 12.2. 2020 – January 6-10, 2020, Gaylord Palms, Orlando, FL
13. Report on International Conference on Adaptive Structures & Technology (ICAST) ()
  - 13.1. 2019 – October ??.
  - 13.2. 2020 – October ??
14. Honorific Subcommittee
  - 14.1. ASME Adaptive Structures and Material Systems Prize ()

## 14.2. ASMS Best Paper Awards ()

- 14.2.1. Structures and Structural Dynamics ()
- 14.2.2. Materials and Material Systems ()
- 14.2.3. Gary Anderson Award ()
- 14.2.4. Ephraim Garcia Best Paper Award ()
- 14.2.5. ASME Fellow Nominations and New Fellows ()
- 14.2.6. SPIE Smart Structures Lifetime Achievement Award ()

## 15. Branch web site report ()

### 15.1. ASME Website status update:

