

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

Meeting Agenda

Fall Meeting following SMASIS 2021
Virtual Conference

Tuesday, September 21, 2021, 11:00 AM – 12:30 PM (ET)

Location: Zoom

1. Attendance and acknowledgment of visitors (Branch Chair: Michael Philen)
Total attendance = 72 (64 ASMS Branch members, 3 ASMS Branch friends, 5 visitors)
2. Membership Report (Branch Secretary: Bjoern Kiefer)
 - 2.1. Circulation of roster for updating
The Secretary offers to include information updates by the members/friends into the Branch roster, if emailed to him
 - 2.2. Breakdown of membership
It is suggested that the ASMS Branch leadership contact industry/government friends directly to find out who might be interested in becoming a member
3. Treasury Report (Branch Treasurer: Rich Beblo)
 - 3.1. Status update
 - Awards requests at the Branch, TC and SMASIS Conference levels unchanged since last year.
 - The Treasurer points out that not all of the TCs currently take advantage of the opportunity to grant awards.
 - Correction for the overview slide: Certificates rather than wood plaques are given out for most awards
 - Need to check naming consistency for the “Branch Structures and Structural Dynamics Best Paper Award” in different documents etc. (“Adaptive Systems Dynamics and Controls TC Best Paper” according to Janet Sater’s records)
4. Update on ASME Aerospace Division by Division Representative (Oliver Meyers, Cornel Ciocanel)
 - 4.1. Branch Division Discussion (Michael Philen, Diann Brei)
Diann reviews the history regarding the decision and process of the Branch working towards becoming an ASME Division. She further outlines the current financial situation of the Branch — see slides. Two motions have been formulated to be voted on at the Branch meeting, which support the necessary separation process of the Branch from the Aerospace Division:

Motion 1:

Augment the prior vote on new division formation with the financial agreement – “Aerospace Division endorses the original ASMS branch to form a new SMASIS division within ASME and provides \$50K startup funds”

53 aye, 1 nay, 10 abstain (votes by members present at the meeting)

Motion 2:

ASME TEC will:

- *ASME TEC will provide a waiver on the 25% spend limit until the division has built up the segregated account to \$125K*
- *New division will propose to ASME TEC during the first years of development with a SMASIS conference surplus split 75% new division/25% ASME TEC.*

- *Embed any SMASIS division related expenses into conference –awards, meetings, student outreach, etc.*

New SMASIS Division will:

- *Adopt activity based balanced budget model – Spending target will be set based upon average income from past 3 years - evaluate and reduce expenses*
- *Dedicate SMASIS financial expert designated and responsible for to coach volunteer decisions for SMASIS conference detailed expenditures.*
- *Pursue new products to increase revenue to support division activity*
- *Develop detailed Strategic Action plan first year with new products, and work with ASME TEC on proposals for new activity and budget model*

52 aye, 0 nay, 12 abstain (votes by members present at the meeting)

5. Status of Branch’s Technical Committees (Branch Chair: Michael Philen) — *see slides*
 - 5.1. Active Materials and Multifunctional Materials (Chair: Reza Rizvi and co-Chair: John Gallagher)
 - 5.2. Adaptive Systems Dynamics and Controls (Chair: Giovanni Berselli and co-Chair: Suyi Li)
 - 5.3. Structural Health Monitoring (Chair: Benjamin Grisso and co-Chair: Daewon Kim)
 - 5.4. Active Material Technology and Integrated Systems (Chair: Richard Beblo and co-Chair: Andres Arrieta)
 - 5.5. Bio-inspired Structures and Systems (Chair: John Swensen and co-Chair: Jovana Jovanova)
 - 5.6. Energy Harvesting (Chair: Sherry Towfighian and co-Chair: Shima Shahab)
6. Report on SMASIS conference (Andy Sarles, Amin Karami, James Gibert) — *see slides*
 - 6.1. Summary of SMASIS 2021
 - 6.2. Discussion of plans for SMASIS 2022 — *dates and format have not yet been announced*
7. Update on SMASIS student competitions — *see slides*
 - 7.1. Best Student Paper update (Giovanni Berselli and Amin Bibo)
 - 7.2. Best Student Hardware update (Amin Bibo and Giovanni Berselli)
8. Report on SPIE Smart Structures/NDE conference
 - 8.1. Planning for 2022 Conference: *6-10 March 2022, Long Beach, CA*
9. Report on AIAA/ASME/AHS Adaptive Structures Conference (at SciTech) — *no information*
10. Report on International Conference on Adaptive Structures & Technology (ICAST) (*Dimitrios Saravanos*)
11. Honoric Subcommittee (Mike Philen) — *see slides*
 - 11.1. ASME Adaptive Structures and Material Systems Prize (Presented by: Ralph Smith)
 - 11.2. Gary Anderson Award (Presented by: Lingyu “Lucy” Yu):
 - 11.3. ASMS Best Paper Awards
 - Structures and Structural Dynamics (Presented by: Lingyu “Lucy” Yu)
 - Mechanics and Materials System (Presented by: Lingyu “Lucy” Yu)
 - Ephraim Garcia Best Paper Award (Presented by: Michael Philen)
 - 11.4. TC Best Paper Awards
 - 11.5. ASME Fellow Nominations and New Fellows (Marcelo Dapino) — *see slides*
Please contact Marcelo Dapino at least one month ahead of the deadline for nominations (1 March, 1 June, 1 Sept, and 1 Dec)
12. Branch web site (<https://asms-branch.org/>) report (Onur Bilgen)
 - 12.1. *ASME Website status update:*

- Website is working and updated (members, officers, fellows lists updated, fellows, SMASIS 2021 Agenda uploaded etc)
- Costs of domain and hosting covered for next three years

13. Discussion of leadership ascendancy (Lingyu “Lucy” Yu)

- 13.1. Ascension of Branch Chair: Lingyu “Lucy” Yu
- 13.2. Ascension of Branch Co-Chair: Rich Beblo
- 13.3. Call for nominations for Branch Treasurer – **Nominate Bjoern Kiefer**
- 13.4. Vote on Branch Treasurer – **Bjoern Kiefer approved**
- 13.5. Appointment of new Branch Secretary – **Onur Bilgen**

14. New Business

15. Nomination of new Branch members (Lingyu “Lucy” Yu)

- 15.1. Call for nominations (3)
- 15.2. Review of nomination slide(s)
- 15.3. Vote on new members – **All three new members are accepted**

16. Adjourn – **12:48 PM (ET)**