

American Society of Mechanical Engineers (ASME)
Smart Materials, Adaptive Structures, and Intelligent Systems (SMASIS) Division

Spring Meeting at the 2024 SMASIS Conference, Atlanta, GA

6:30 - 9:30 pm (EST), Tuesday, September 10th, 2024

Format: In-Person and Remote

MINUTES - DRAFT

1. **Hybrid Meeting Logistics (Eric Freeman)**
 1. *Meeting starts at 6:33 pm*
2. **Introductions (Bjoern Kiefer)**
 1. *Starts at 6:41 pm*
3. **Attendance and Acknowledgment of Visitors (Eric Freeman)**
 1. *Note for future have them raise hand if they are not in room.*
 2. *Members in the room introduced themselves first along with affiliation senate/friend*
 3. *Members on Zoom introduced sequentially*
4. **Proposed Conference Consolidation (Tom Lavertu)**
 1. *Starts at 6:55 pm*
 2. *Tom Lavertu- Vice Chair, Chair Elect TEC Sector Council*
 3. *Discussed overview of TEC Division, financials, and challenges*
 1. *Challenges: IBR (electronic standards free of charge, open access publications, post-COVID inflation and increase cost.*
 2. *Conference cost outstripping inflation, conference fees are not tracking with inflation*
 4. **Questions:**
 1. *Chris Lynch – information on collocation, should it shift to SPIE, ICAST, or another conference, or higher conference fees for standalone.*
 2. *Diann Brei – better understanding of fees, and the size of the subsidies that SMASIS uses*
 3. *Angelique Vesey (ASME) – brought up staff resources – smaller conference may not use them effectively, time for staff to open up for other opportunities*
 4. *Sherry Towfighian – points out staff is overloaded, and may need more staff for collocation*
 1. *Angelique says that staff is stretched over multiple conferences that utilize one webtool*
 5. *Janet Sater – points out the reorganization is like shuffling deck chairs, not reducing the load or people – how does this impact costs*
 1. *Tom Lavertu responds that utilizes one webtool to reduce the overall work person*
 6. *Chris Lynch- If this is financially driven if two mid size conferences to reduce workload. Could we have two different conferences topically*
 1. *Tom all options on the table- multiple or single hotels*
 7. *Amy Wissa- Large conferences limit venue*
 1. *Tom agrees with statement, trying to get with 500- 700 event that still has options*

8. *Bjoern Kiefer -Will we be recombined to the Aerospace Division?*
 1. *Tom – this has not been discussed- the issue is the conference for this group*
9. *Dian Brein asks directly if we are safe as a Division?*
 1. *Tom indicates no plans for consolidation of Divisions, Angelique agrees and states focus on conferences. Tom the Division is well run- states we are doing the right things*
 2. *Bjorn- closes and reiterates our position*
10. *Rich Beblo- SMASIS states will be collocated- ask about partner conferences*
 1. *Tom says yes but no specifics*
 2. *Rich= Do we owe ASME a plan by next summer and how detailed*
 1. *Tom - work together on plan, announce in 2025 the 2026 conference along with location, attendances and changes, 3-4 months division leadership to run ideas with TEC council.*
11. *Dimitri Lagoudas- choices for collocate-*
 1. *Tom and Angelique try to find partners with synergy*
12. *Diann Brei – list is missing for possible conferences, Angelique*
13. *Brent Utter – general chain in 2026 – don't understand how the conference will be more manageable? Have you had the web specialist their opinion on will this reduce the workload and what is their opinion.*
14. *Kon-Well Wang – 30 conference on list, we want to make sure mission and cultural match, lot of details. How do we process is AMSE an intermediary or direct talks*
 1. *Toms and Angelique use Barbara and go through ASME initially.*
15. *Gary Seidel- how do pick dates? Do we pay two registration fees?*
 1. *Tom only one registration fee. Tom has no clue on date and we have to collectively figure out as a group.*
16. *Janet Sate r -What if we try this and it's a total disaster?*
 1. *Tom agrees to pivot and flexibility based on data and common sense*
17. *Alper Erturk – How do we manage the coordinating bureaucracy*
 1. *Tom- Barbara is first line of contact and TEC will track this*
18. *More data needed – specific and recent examples of effective collocation n. What about unintended consequence? We may reduce the number of participants if one individual attends both conferences typically..*
 1. *Tom -decision will be data driven*
5. *Bjorn thanks and promise follow-up Tom and Angelique thanks for your time.*

5. Division Operations (*Bjoern Kiefer*)

1. Review and Acceptance of Minutes (*Bjoern Kiefer*) – 7:46 pm
 1. Minutes accepted by poll
2. Chair Highlights (*Bjoern Kiefer*)
 1. Introduced Division Mission and Vision
 2. Reviewed Division Organizational structure
 3. **May go over to next section**
 4. Outlined Division monthly meetings

5. Summarized recent activities- invested in strategic planning, sustainable finances, update concepts for SMASIS, new procedures for timeline for awards, new newsletter
6. Summarized Leadership Summit 2024- SWOT activity new conference format, acknowledges Oliver for JEDI skills, details training for new members
7. Dianne Brie thanked for leadership summit
8. Went over SMASIS Division strategic plan and goals

3. Accolades, Accomplishments, and Fun Facts (*Bjoern Kiefer*)
 1. Reinitiated the SMAIS news letter.
4. Division Metrics (*Bjoern Kiefer*)
 1. Summarized metric for Division, Research Committees, and TC Committees
 2. Highlights- High for tragic planning and awards
 3. Conference revenue over budget and under budget
5. Treasury Report (*Janet Sater*)
 1. Janes discussed financials- the finances are healthy, member contributions need to improve, income from membership and 2023 SMASIS
 2. Expenses are awards, staff and volunteer travel , posting and shipping, and 2023- Preconference Planning Meeting
 3. Stressed donations
6. ASME Registration Committee Updates (*Constantin Ciocanel*)
 1. Janet summarized for Cioncanel, deals with issues for author and student registrations.
 2. Bjorn stressed that we let Cioncanel know our concerns about any upcoming issues.
7. Membership Report (*Eric Freeman*)
 1. Stable membership, majority from academia, recapped SMASIS 23 and 24 attendance
 2. Rework rosters
 3. 800 Members in the Division,
8. Website and Communications (*Onur Bilgen/Eric Freeman*)
 1. Update on new email lists
 2. Onur detailed website and historic website/ stressed checking the status of award recipients
9. Division Newsletter (*Dianne Brie*)
 1. Dianne discussed new newsletter/ stressed new management system, will reach out for new material, solicited new idea, TC should provide half page story with picture, highlighted student spotlight
10. Leadership Summit (*Dianne Brie*)
11. Acknowledgements (*Bjoern Kiefer*)

6. **Conference Updates**

1. SMASIS (*Shahrzad Towfighian*)
 1. Sherry acknowledged efforts of her team
 2. Acknowledges Paul for increased sponsorship from 3 to 7
 3. Participation and registration recovered to Pre-Covid (2019)
 4. 26 Journal quality papers for expedited review.

5. SMASIS in Action- student activity, hardware showcase, acknowledge leadership and execution competitions.
6. Acknowledged Best Paper Award and Hardware Competition Winners, and student activities.
7. New leadership, location in St. Louis
2. SPIE (*Hani Naguib*)
 1. Russell Maelon brier SPIE 2024 in Long beach, n2025 will be in Vancouver BC, can ask for abstract extension.
3. ICAST (*Alper Eturk*)
 1. Detailed ICAST conference
4. Darren reviewed SCI-Tech 2025 updates
5. Eccomas SMART (*Sebastian Geier*)
 1. Bjoern provided update on SMART 2025

7. Awards

1. Award Timeline and Processes (*Onur Bilgen*)
 1. Reviewed ASME, Division, TC, and Conference Level Awards
 2. Detailed new awards process, nomination deadline
2. Adaptive Structures and Material Systems Award (*Mary Frecker*)
 1. Paolo Angelo P. Emmanni announced as winner
3. Gary Anderson (*Onur Bilgen*)
 1. Caterina Lamutta was announced winner
4. Ephrahim Garcia (*Onur Bilgen*)
 1. Sumit Gupta, Tanvir Sohail, Marti Checa, Sargun S Röhewal, Michael D. Toomey, Nihal Kanbargi, Joshua T. Damron, Liam Collins, Logan T. Kearney, Amit K. Naskar, and Christopher Bowland for “Enhancing Composite toughness through hierarchical interphase formation”
5. ASME Dedicated Service Award (*Onur Bilgen*)
 1. Ralph Smith announced as winner
6. SMASIS Division Best Paper Awards (*Onur Bilgen*)
 1. Mustafa Alshaqqaq, Christopher Sugino, and Alper Erturk for “Digital programming of reciprocity breaking in resonant piezoelectric metamaterials”
7. ASME Fellows (*Onur Bilgen*)
 1. Updated nomination for ASME fellow
 2. Recognized new fellows: Mostafa Nouh and Yi-Chung Du
 3. Recognized Marcel Dapino’s efforts

8. TC Updates (*TC Representatives*)

1. Bioinspired Smart Materials and Systems
 1. Update report given by Caterina Luetta, summarize paper new leadership and special issue for journal
2. Energy Harvesting
 1. Wei Chei highlighted new leadership pipeline, and symposium organization
3. Active Material Technology and Integrated Systems
 1. Ales Pakonien detailed new leadership process and summary
4. Active and Multi-Functional Materials
 1. Doug Nicholson- provided highlights, new leadership, and symposium leadership

2. New operating procedures
5. Adaptive Systems Dynamics and Controls
 1. Uwe Marsh e – new leadership in TC and Symposia, reviewed conference activity, focused on rebuilding roster.
 2. Bjorn recognize Uwe for stepping up in leadership process
6. Structural Health Monitoring
 1. Nathan Salowitz reviewed the TC and Symposia leadership
 2. Updated awards and procedures
 3. Rebuilding roster
9. **Division Nomination (*Bjoern Kiefer*)**
 1. New Senate Member Nominations (*Bjoern Kiefer*)
 1. Bjorn reviewed procedure
 2. Division Secretary Nomination (*Bjoern Kiefer*)
 3. Division Leadership Ascendancy (*Bjoern Kiefer*)
10. **Open for Business from the Floor (*Onur Bilgen*)**
11. **Adjourn and Reminders (*Onur Bilgen*)**