

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

Spring Meeting at the 2025 SPIE SS + NDE Conference, Vancouver, Canada
7:00 - 9:00 pm (PST), Tuesday, March 18, 2025
PAVILION C

Format: In-Person and Remote
(Remote Meeting Information is Provided to Members and Friends)

Meeting Minutes (Recorded by: Serife Tol)

1. Hybrid Meeting Logistics (Secretary, James Gibert) Meeting started at 7:05 PM with logistics reminders.	5
2. Introductions (Chair, Onur Bilgen) Welcoming members and friends, Introducing SMASIS Division officers and roles.	2
3. Attendance (Secretary, James Gibert) Roster link shared for attendance.	8
4. Division Operations (Chair, Onur Bilgen)	
4.1. Review and Acceptance of Minutes (Chair, Onur Bilgen) Voting for the approval of Fall meeting minutes. Approved.	3
4.2. Chair Highlights (Chair, Onur Bilgen) Overview of the SMASIS Division's mission and vision, and the organizational structure + updates of SMASIS.	7
4.3. Future Conference Study Group (Secretary, James Gibert) Background: TEC mandated the conference starting 2026 be at ~500+ people. Study group formed to analyze future directions.	30 total
Presentation -Conference success metrics around the business model (finance) and effectiveness (participant satisfaction) -Group examined past ASME exit surveys. Quick summary and take aways (more on conference execution but no info on what makes SMASIS special). Financial Health. -Identified options: Colocation with QNDE and SSDM (ASME's suggestion). University hosted conference. Partner with other groups (including SPIE)/ -Survey (46 responses out of 278 recipients). 74% would be equally or more likely to attend of SMASIS co-locates. Most prefer the current size; a third support growth. Concerns: Loss of SMASIS identity, reduced networking opportunities.	10

<p>Preferred conference timing: September (highest), followed by October and July-August.</p> <p>Top reasons for attendance: Networking, presenting research, traditions, Senate/TC meetings, keynote access.</p> <p>More information is needed for the change of models. Yet, there is significant interest in the alternate models.</p> <p>-QNDE is interested but prefers July; discussions ongoing-Meeting with QNDE on March 13. They are currently co-locating with Pressure Conference. Yet, interested in co-location with SMASIS. They want to retain their meeting in July.</p>	
<p>Discussion</p> <p>Henry Sodano: ASME misled us in the initial discussion when we move under ASME, particularly regarding financial commitments. They have not been fully accountable for their financial promises.</p> <p>Reza Rizvi: Is there any indication from TEC that conference costs per head will be reduced under any proposed changes? Current rates are sky high!</p> <p>James: The cost structure is designed to cover the expenses of the conference.</p> <p>Barbara: For 2026-2027, we would like to see a concrete plan from SMASIS, particularly regarding potential growth..</p> <p>New friend (xx): Is there an outreach initiative in place? Do we have a student chapter or industry engagement efforts?</p> <p>Diann: SMASIS consists of multiple sectors, and early on, we had stronger outreach programs. The student engagement is primarily through ASME as a whole rather than as an independent division. Our roster includes representatives from industry, government, and academia.</p> <p>Steve Adcock: Is there be a way to combine outreach to the hosting community maker spaces and community colleges for demos, tours, STEM presentations, ... and leverage some educational grant funding?</p> <p>Onur: We can certainly apply for sponsorships or funding from organizations like NSF to support such initiatives.</p> <p>Alex Pankonien: Although SSDM was mentioned in one of the previous slides, was it not considered collocating with this group due to difference in conference dates (May vs September)? That conference is younger and may be more willing to shift dates, and would theoretically help us reach 500 total attendees.</p> <p>Diann: SSDM is focused on independent growth and has its own plan to reach 500+ attendees. There is also a potential future conflict between the Aerospace and SMASIS Divisions. James and Barbara support maintaining independence.</p> <p>Lihua Tang: Have we considered hosting the conference at a university during academic breaks? It could be a cost-effective alternative.</p>	20

<p>James: University breaks vary, and costs differ between institutions, but it's an option worth exploring. Diann: Do we have the data on this?</p> <p>Barbara: Like the idea, we should propose this. Onur added the importance of community and it matters what the community wants.</p> <p>James: We need to finalize the details for the 2026 conference, particularly the co-location model. Those interested in further discussions should reach out to me.</p> <p>Henry: ASME is not returning funds to SMASIS as expected.</p> <p>Onur: They provide cost breakdown. Not aware of a particular issue.</p> <p>Diann: We receive accounting reports from ASME each time. Last year, we lost a significant amount—around \$10,000—mainly due to food expenses. We can continue this discussion offline to address concerns.</p>	
<p>4.4. Awards Reminder (Vice Chair, Eric Freeman)</p> <p>Overview of the awards coordination.</p> <p>Need reviewers to help with selection. Email Eric Freeman.</p>	8
<p>4.5. Division Newsletter (Diann Brei)</p> <p>Technical Committee Highlights (1/4 page): story on research, accomplishments</p> <p>Student spotlight, top students graduating.. Reach out to Diann.</p>	2
<p>5. Current Conference Update</p> <p>James: St. Louis. Abstracts for technical paper submission still open until Friday.</p> <p>New Special Sessions, Industry Forum, Hardware Showcase, Student activities and networking, Student Best paper competition.</p> <p>Presentation only May 12th.</p>	10
6. TC Updates	20 total
<p>6.1. Bioinspired Smart Materials and Systems (Eric Freeman)</p> <p>New leadership pipeline placed. Roster is updated. Strong participation in the symposium.</p>	3
<p>6.2. Energy Harvesting (Junrui Liang)</p> <p>Leadership pipeline set. Best paper award in progress. SMASIS invited speaker, Andres Arrieta. VEH 2025 in Hong Kong. Chair Zhengbao Yang.</p>	3
<p>6.3. Active Material Technology and Integrated Systems ()</p> <p>No updates</p>	3
<p>6.4. Active and Multi-Functional Materials ()</p> <p>No updates</p>	3
<p>6.5. Adaptive Systems Dynamics and Controls (James Gibert)</p> <p>Leadership rotation at SMASIS. New chair Jeff Hil, co-chair Suyi Li. Rebuilding roster.</p>	3
<p>6.6. Structural Health Monitoring (Zhenhua Tian)</p> <p>Leadership rotation at SMASIS. New chair Zhenhua Tian, co-chair Haifeng Zhang.</p>	3

7. Future Conference Updates	15 total
7.1. SMASIS Conference Update (Johannes Riemenschneider/Brent Utter/Nathan Salowitz) James: St. Louis. Abstracts for technical paper submission still open until Friday. New Special Sessions includes Industry Forum, Hardware Showcase, Student activities and networking, Student Best paper competition. Presentation only abstract due May 12 th .	3
7.2. SPIE Conference Update -SPIE: Russell: 15-19 March 2026, Vancouver. Hani: Exact numbers of attendance tomorrow. Visa issues and government cuts may have impacted attendance.	3
7.3. ICAST Conference Update -ICAST: Diann: Alper Erturk chaired the last one in Atlanta. Next conference, Italian Aerospace Research Center (CIRA) in the historic town of Capua, Italy. May 2026.	3
7.4. SCITECH -Scitech: Andres: Adaptive structures at Scitech 2026. 6-10 Jan 2025 Orlando, FL.	3
7.5. SMART -SMART 2025: Linz, Austria. July 1-3 2025.	3
8. Other Business (Chair, Onur Bilgen) N/A	2
9. Adjourn and Reminders (Chair, Onur Bilgen) Maintain ASME membership active. Pick SMASIS as one of your division. New email address. Posts, etc., or roster share with secretary (James).	3