

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

Meeting at SPIE Smart Structures/NDE 2019
Denver, CO

Tuesday March 5th, 6:00 to 8:00 pm, Silverton Salon 1, Embassy Suites

AGENDA

1. Attendance and acknowledgment of visitors (Branch Chair: Darren Hartl)
2. Review and acceptance of SMASIS 2018 meeting minutes (Darren Hartl)
3. Membership Report (Acting Branch Secretary: Michael Philen)
 - 3.1. Circulation of roster for updating
 - 3.2. Breakdown of membership
4. Treasury Report and Status Update (Branch Treasurer: Michael Philen)
5. Update on Aerospace Division by Aerospace Division Executive Committee Chair (Ralph Smith)
6. Status of Branch's Technical Committees (Branch Vice Chair: Gary Seidel)
 - 6.1. Discussion of the relationship between TC and Branch membership (Gary Seidel)
 - 6.2. Active Materials and/or Multifunctional Materials (Chair: Gary Seidel and co-Chair: Cornel Ciocanel)
 - 6.3. Adaptive Systems Dynamics and Controls (Chair: Manuel Collet and co-Chair: Julianna Abel)
 - 6.4. Structural Health Monitoring (Chair: Haeyoung Noh and co-Chair: Daniel Cole)
 - 6.5. Active Material Technology and Integrated Systems (Chair: Onur Bilgen and co-Chair: Johannes Riemenschneider)
 - 6.6. Bio-inspired Structures and Systems (Chair: Eric Freeman and co-Chair: Andy Sarles)
 - 6.7. Energy Harvesting (Chair: Steve Anton and co-Chair: Amin Karami)
7. Report on ASME SMASIS Conference (Mohammed Daqaq, Oliver Myers, and Andy Sarles)
 - 7.1. Summary of SMASIS 2018— San Antonio, TX
 - 7.2. Discussion of plans for SMASIS 2019— Louisville, KY
8. Report on SPIE Smart Structures/NDE conference (Zoubeida Ounaies, Greg Reich)
 - 8.1. Summary of SPIE SS/NDE 2019
 - 8.2. Report on Specific Conferences at SPIE
 - 8.2.1. Active and Passive Smart Structures and Integrated Systems XIII (Chair: Alper Eturk; co-Chair Jae-Hung Han)
 - 8.2.2. Behavior and Mechanics of Multifunctional Materials and Composites XIII (Chair: Hani Naguib; co-Chairs: Ryan Harne & Aimy Wissa)
 - 8.2.3. Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems (Chair: Jerome Lynch, co-Chairs: Kon-Well Wang, Hoon Sohn, & Haiying Huang)
 - 8.2.4. Smart Materials and Nondestructive Evaluation for Energy Systems and Industry 4.0 (Chair: Norbert Meyendorf; co-Chair: Kerrie Gath)
9. Update on SPIE Best Student Paper competition (John Domann)
10. Report on AIAA/ASME/AHS Adaptive Structures Conference (Darren Hartl)
 - 10.1. Summary of SciTech 2019 - January 7-11, 2019, Manchester Grand Hyatt, San Diego, CA
 - 10.2. Plans for SciTech 2020 – January 6-10, 2020, Hyatt Regency Orlando, Orlando, FL

11. Report on International Conference on Adaptive Structures & Technology (ICAST) (Hani Naguib)
 - 11.1. Summary of ICAST 2018 – October 1-3, 2018, Seoul, Korea.
 - 11.2. Plans for ICAST 2019 – October 7-11, 2019, Concordia University, Montreal.
12. Discussion on TC Best Paper Awards. (Gary Seidel)
13. Honorific Subcommittee
 - 13.1. ASME Adaptive Structures and Material Systems Prize (Ralph Smith)
 - 13.2. ASMS Best Paper Awards (Gary Seidel)
 - 13.2.1. Structures and Structural Dynamics (Gary Seidel)
 - 13.2.2. Materials and Material Systems (Gary Seidel)
 - 13.2.3. Gary Anderson Award (Gary Seidel)
 - 13.2.4. Ephraim Garcia Best Paper Award (Gary Seidel for Mohammad Elahinia)
(Nominations still being accepted and encouraged; to be announced at SMASIS 2019)
 - 13.2.5. ASME Fellow Nominations and New Fellows (Marcelo Dapino)
 - 13.2.6. SPIE Fellow Nominations and New Fellows (Norm Wereley)
 - 13.2.7. SPIE Smart Structures Lifetime Achievement Award (SPIE SS/NDE co-Chair: Zoubeida Ounaies)
14. Branch web site report (Darren Hartl for Onur Bilgen and Sergio Lucato)
 - 14.1. ASME Website status update
 - 14.2. Website/domain/YouTube report for the Meeting at SPIE
15. Nomination of new Branch members (Chair: Oliver Myers)
 - 15.1. Dr. Tyler Tallman
 - 15.2. Dr. Serife Tol
16. Adjourn