

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

Meeting at SPIE 2018
Denver, CO

Tuesday, March 6, 2018 from 7:00-9:00pm in the Silverton Salon 1

AGENDA

1. Attendance and acknowledgment of visitors (Branch Chair: Cornel Ciocanel)
2. Review and acceptance of SMASIS 2017 meeting minutes (Branch Chair: Cornel Ciocanel)
3. Membership Report (Branch Secretary: Michael Philen – over Skype)
 - 3.1. Circulation of roster for updating
 - 3.2. Breakdown of membership
4. Treasury Report (Branch Treasurer: Gary Seidel – over Skype)
 - 4.1. Status update
5. Update on Aerospace Division by Aerospace Division Executive Committee Chair (Zoubeida Ounaies)
6. Branch representative for the Aerospace Division Executive Committee (Cornel Ciocanel)
7. Status of Branch's Technical Committees (Branch Vice Chair: Darren Hartl)
 - 7.1. Active Materials and/or Multifunctional Materials (Chair: Jayasimha Atulasimha and co-Chair: Gary Seidel)
 - 7.2. Adaptive Systems Dynamics and Controls (Chair: Rocco Vertechy and co-Chair: Manuel Collet)
 - 7.3. Structural Health Monitoring (Chair: Ya Wang and co-Chair: Haeyoung Noh)
 - 7.4. Active Material Technology and Integrated Systems (Chair: Chai Hutapea and co-Chair: Onur Bilgen)
 - 7.5. Bio-inspired Structures and Systems (Chair: Aimy Wissa and co-Chair: Eric Freeman)
 - 7.6. Energy Harvesting (Chair: Ryan Harne and co-Chair: Steve Anton)
8. Updates on TC Awards (Cornel Ciocanel)
9. Update on SPIE Best Student Paper competition (Darren Hartl and Cornel Ciocanel)
10. Report on SMASIS conference (Ken Loh and Billy Oates)
 - 10.1. Summary of SMASIS 2017
 - 10.2. Discussion of plans for SMASIS 2018—San Antonio, TX
11. Report on SPIE Smart Structures/NDE conference (Zoubeida Ounaies)
 - 11.1. 2017 – Symposium Chairs: Tribikram Kundu and Greg Reich; Symposium Co-Chairs: Zoubeida Ounaies and Hoon Sohn
 - 11.2. Report on Specific Conferences at SPIE
 - 11.2.1. Active and Passive Smart Structures and Integrated Systems (Chair: Alper E Turk co-Chair: Jae-Hung Han)
 - 11.2.2. Behavior and Mechanics of Multifunctional Materials and Composites (Chair: Hani Naguib, co-Chair: Nakhiah Goulbourne)
 - 11.2.3. Nano-, Bio-, Info-Tech Sensors and 3D Systems (Chair: Varadan co-Chairs: Khosla/Furukawa/Kim/Song/Choi/Roh)
 - 11.2.4. Nondestructive Characterization and Monitoring of Advanced Materials, Aerospace, Civil Infrastructure, and Transportation (Chair: Shull co-Chairs: Gyekenyesi/Yu/Wu)

- 11.2.5. Health Monitoring of Structural and Biological Systems (Chair: Kundu co-Chair: Fromme)
 - 11.2.6. Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems (Chair: Hoon Sohn, co-Chairs: Jerome Lynch and Kon-Well Wang)
 - 11.2.7. Smart Materials and Nondestructive Evaluation for Energy Systems (Chair: Theodore Matikas, co-Chair: Cara Peters, Norbert Meyendorf, Chris Niezrecki)
 - 11.2.8. Smart Structures and NDE for Industry 4.0 (Chair: Norbert Meyendorf co-Chair: Clingman)
12. Report on AIAA/ASME/AHS Adaptive Structures Conference (Darren Hartl)
- 12.1. 2018 - January 8-12, Kissimmee, FL
 - 12.2. 2019 – January 7-11, San Diego, CA
13. Report on International Conference on Adaptive Structures & Technology (ICAST) (Nam Seo GOO)
- 13.1. 2018 – October 3-5, 2017, Cracow, Poland.
 - 13.2. 2019 – September 30 - October 4, 2018, Konkuk University, Seoul, Republic of Korea.
14. Honorific Subcommittee
- 14.1. ASME Adaptive Structures and Material Systems Prize (Ralph Smith)
 - 14.2. ASMS Best Paper Awards
 - 14.2.1. Structures and Structural Dynamics (Report by Wei Hsin Liao)
 - 14.2.2. Materials and Material Systems (Report by Nakhiah Goulbourne)
 - 14.2.3. Gary Anderson Award (Darren Hartl)
 - 14.2.4. Ephraim Garcia Best Paper Award (Mohammad Elahinia)
 - 14.2.5. ASME Fellow Nominations and New Fellows (Marcelo Dapino)
 - 14.2.6. SPIE Smart Structures Lifetime Achievement Award (Jay Kudva)
15. Branch web site report (Onur Bilgen)
- 15.1. ASME Website status update:
 - 15.1.1. Missing (older) minutes uploaded
 - 15.1.2. Members/officers list updated
 - 15.1.3. SMASIS 2018 Agenda uploaded
 - 15.2. Website/domain/YouTube report for the Meeting at SPIE:
16. Nomination of new Branch members (Chair: Cornel Ciocanel)
- 16.1. Carlos De Marqui Junior – University of Sao Paulo, Brasil
 - 16.2. Shahrzad (Sherry) Towfighian – Suny Binghamton
 - 16.3. Wen-Jong Wu – National Taiwan University
17. Adjourn