

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

Meeting at SMASIS 2014
Newport, Rhode Island
Monday, September 8, 2014 from 7:00-10:00pm in Salon I/II

AGENDA

1. Attendance and acknowledgment of visitors (Mohammad Elahinia)
 - 1.1. M. Elahinia called meeting to order @ 19:37
2. Review and acceptance of SPIE 2014 meeting minutes (Mohammad Elahinia)
 - 2.1. Motion by K. Cunefare, second by M. Daqaq
 - 2.2. Minutes approved unanimously
3. Membership Report (Oliver Myers)
 - 1.1. Circulation of roster for updating
 - 1.2. Breakdown of memberships per categories:
 - 1.2.1. 139 Members
 - 1.2.2. 33 Friends
 - 1.2.3. 128 Academy
 - 1.2.4. 27 Industry/Industrial Laboratories
 - 1.2.5. 17 Government Laboratories
 - 1.3. Diann Brei requests for TC Chairs/Co-chairs take role to account for TC members that are not present the TC meetings
 - 1.4. Procedure for new members to become part of the Branch (M. Elahinia)
 - 1.4.1. Brief/update TC chairs/co-chairs
 - 1.4.2. Serve as session chairs/co-chairs, paper judges, presenters, etc
 - 1.4.3. Nominees/nominators should be present
 - 1.4.4. Track record of ASMS activity
4. Treasury Report (Mohammed Daqaq)
 - 1.1. Status and update (See Attached Budget)
5. Update on Aerospace Division by Aerospace Division Executive Committee Chair (Diann Brei)
 - 1.1. Update on changes at the ASME level
 - 1.1.1. Branch needs to have 2 places on Aero. Div. filled. Currently filled by Norm Wereley & Nancy Johnson
 - 1.1.2. Mary Frecker will roll out at SMASIS
 - 1.1.3. See attached presentation from D. Brei/M. Elahinia
 - 1.2. Adaptive Structures Prize and Gary Anderson Early Achievement award and elevation to the society level (Mary Frecker)
 - 1.2.1. See attached presentation from D. Brei
 - 1.2.2. 2 proposals from Aero Div. have been reviewed by Awards committee. The Adaptive Structures Prize was renamed ASME Adaptive Structures and Materials Systems Award.
 - 1.2.2.1. Need to design the medal and determine cost and who will pay
6. Status of Branch's Technical Committees (William Oates)
 - 6.1. Billy thanks the TCs for the work each group is doing
 - 1.1. Active Materials and/or Multifunctional Materials (Chair: Hani E. Naguib and co-Chair: William Oates)

- 1.1.1. Symposium 1 & 2 in SMASIS – engaging new members in technical committee, subcommittees for best paper & training courses @ SMASIS, IMECE; Possible hardware competition; any possible overlap of papers.
- 1.2. Adaptive Systems Dynamics and Controls (Chair: Eugenio Dragoni and co-Chair: Jeong-hoi Koo)
 - 1.2.1. ASME special issue of Journal of Acoustics; proposal for 2 best paper awards for Symposium 3 funded by ASME
 - 1.2.2. Nima Mahmoudi – Proposed symposium 3 organizer for next SMASIS
- 1.3. Structural Health Monitoring (Chair: Kenneth J Loh and co-Chair: Andrew Swartz)
 - 1.3.1. Given by Oliver Myers. SHM short course – 2 day vs. 1 day.
- 1.4. Active Material Technology and Integrated Systems (Chair: Phillip Evans and co-Chair: Chai Hutapea) (Previous Chair: Eric Ruggiero and co-Chair: Ganesh Krishnamoorthy)
 - 1.4.1. Given by Eric – hardware demonstration on 9/9/2014, 5 companies, demonstrations running throughout the day with representatives
- 1.5. Bio-inspired Structures and Systems (Chair: Vishnubaba Sundaresan and co-Chair: Andrew Sarles)
 - 1.5.1. Given by Andy Sarles – growing the TC, solicit attendance for conference, possible special issue with SMS in Fall 2014.
- 1.6. Energy Harvesting (Chair: Adam Wickenheiser and co-Chair: Matthew Bryant)
 - 1.6.1. 18 members, subcommittee for 2015 SMASIS, Energy Harvesting Best Paper Award can be published in any journal. Student best paper for SPIE, travel grants for students.

7. Update on SPIE Best Student Paper competition (Constantin Ciocanel and Darren Hartl)

- 7.1. Given by Constantin
 - 7.1.1. Over 100 submissions
 - 7.1.2. Committee requests help in reviewing papers from new members and visitors

8. Report on SMASIS conference (Ralph Smith) – need presentation from M. Elahinia

- 1.1. 2013/2014 – Conference General Chair: Andrei Zagrai; Conference Technical Chairs: Michael Philen and Ralph Smith
 - 1.1.1. 277 Papers submitted – down from 2013
- 1.2. 2015/2016 – September 21-25, 2015 (preferably M-W). will either be held in Denver or Colorado Springs
 - 1.2.1. Papers will be reviewed this year. Earlier deadlines possible
 - 1.2.1.1.A. Zargrai – TCs will be called upon for reviewing papers
 - 1.2.2. Mike Philen is Technical Chair, Tech-Co-Chair (TBD)
 - 1.2.3. Continued Outreach
 - 1.2.4. Volunteers needed for judges, organize sessions, special sessions
 - 1.2.5. Action item for Ralph to talk with ASME regarding paper review policy

9. Report on SPIE Smart Structures/NDE conference (Chris Lynch and Victor Giurgiutiu)

- 1.1. 2015 – Symposium Chairs: Victor Giurgiutiu and Chris Lynch; Symposium Co-Chairs: Jayanth Kudva, Theodoros Marikas
- 1.1. Report on Specific Conferences at SPIE - Given by M. Elahinia
 - 1.1.1. Active and Passive Smart Structures and Integrated Systems VII (Henry Sodano)
 - 1.1.2. Behavior and Mechanics of Multifunctional Materials and Composites VII (Nakhiah Goulbourne)
 - 1.1.3. Industrial and Commercial Applications of Smart Structures Technologies VII (Kevin Farinholt)
 - 1.1.4. Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems (Jerome Lynch)
 - 1.1.5. Over 700 papers from the above symposia

10. Report on AIAA/ASME/AHS Adaptive Structures Conference (David F. Voracek)
 - 1.1. 2014- January 2014 @ National Harbor in MD - SciTech
 - 1.2. 2015 - 5 – 9 January 2015, Gaylord Palms and Convention Center, Kissimmee, FL
11. Report on International Conference on Adaptive Structures & Technology (ICAST)
 - 1.1. 2014 - The 25th International Conference on Adaptive Structures and Technologies (ICAST 2014) will be held on October 6-8, 2014, in the Mercure Hotel in The Hague, The Netherlands. - Marcias Martinez M.J.Martinez@tudelft.nl or Roeland De Breuker R.DeBreuker@tudelft.nl
 - 1.2. 2015 - TBD
12. Honorific Subcommittee
 - 10.1 ASME Adaptive Structures and Material Systems Prize (Norman Wereley)
Michael Friswell awarded for 2014 and presented at 2014 SMASIS Keynote
 - 10.2 ASMS Best Paper Awards (William Oates)
 - 10.2.1 Structures and Structural Dynamics (Report by Wei Hsin Liao)
Given by B. Oates – award at 9/9/2014 Banquet
 - 10.2.2 Materials and Material Systems (Report by Nakhiah Goulbourne)
Given by B. Oates – award at 9/9/2014 Banquet
 - 10.3 Gary Anderson Award (William Oates)
 - 10.3.1 Recognition of this year's winner – Mohammad Daqaq – announced at SPIE
 - 10.3.2 Request for new nominations and best paper award
 - 10.4 ASME Fellow Nominations (Marcelo Dapino)
Spreadsheet updated to include ASME professional membership
Criteria: 10 years professional membership, ASME record of service, ASMS is promoting members, Nominated Greg Washington – Awarded June 1, 2014
 - 10.5 SPIE Smart Structures Lifetime Achievement Award.
 - 10.5.1 Jay Kudva is handling the voting process.
 - 10.5.2 Please send him any nominees (jkudva@nextgenaero.com)
13. AIAA Business (Norm Wereley)
 - 13.1. Meeting Wednesday @ lunch to discuss SciTech and the push to increase in papers
14. AIAA/ASME joint newsletter (Diann Brei)
 - 14.1. Diann requests to step down
 - 14.2. Sergio requests to do the graphics, but not the data
 - 14.3. Body thanks Diann for over a decade of service to newsletter
15. Branch web site report
 - 1.1. Web site report and updates (New webmaster: Onur Bilgen)
 - 1.1.1. Asms-tc.org
 - 1.1.2. Requests members to check names, affiliations
 - 1.2. LinkedIn group and Twitter (Barbar Akle) – Asking all members to please review and join
 - 1.3. Facebook page (LeAnn Faidley) – Asking all members to please review and join
16. Ascension of Branch Chair (Mohammad Elahinia)
 - 16.1. William Oates ascends to chair
 - 16.2. Thanks Mohammad for service
17. Ascension of Branch Co-Chair (William Oates)
 - 17.1. Mohammad Daqaq ascends to co-chair
18. Vote on Branch Treasurer (William Oates)
 - 1.1. Requests nominations from body

- 1.2. Oliver Myers is nominated via email
- 1.3. Motion to close nominations (K. Cunefare)
- 1.4. Myers ascends to treasurer

19. Appointment of Branch Secretary (William Oates)
 - 1.1. Appointed by exec branch
 - 1.2. Constantin Ciocanel agreed to serve as Secretary on September 15, 2014
20. Nomination of new Branch members
 - 1.1. Movian Ouisse has been nominated by Manuel Collet and Roger Ohayon
 - 1.2. Nomination moved and seconded
 - 1.3. Visitors asked to leave
 - 1.4. Movian Ouisse unanimously accepted as new ASMS Branch Member
21. Adjourn
 - 21.1. Moved to adjourn
 - 21.2. Properly seconded
 - 21.3. Meeting adjourned @ 21:07