

Structural Acoustics and Vibration Technical Committee

Technical Committee Meeting
166th ASA Meeting in San Francisco, California
3 December 2013
8:00 p.m.

Agenda

1. Call To Order
2. Agenda
3. Approval Of the 165th ASA Meeting minutes from Montréal, Québec, Canada
4. Winners of The Best Student Paper Awards at the 165th ASA Meeting in Kansas City

1st Place

Matthew Reynolds, Institute of Sound and Vibration Research, University of Southampton, Southampton, United Kingdom
Experimental validation of the band-gap and dispersive bulk modulus behaviour of locally resonant acoustic metamaterials

2nd Place

Luca Alimonti, Université de Sherbrooke, Sherbrooke, Québec, Canada
A hybrid modeling approach for vibroacoustic systems with attached sound packages

Thank you to Ben Shafer for organizing the student papers awards in Montréal.

5. 166th ASA Meeting, San Francisco, California, December 2-6, 2013
James Phillips, Chair; Roger Schwenke, Technical Program Chair
 - a. 45 papers total: 25 invited, 20 contributed
 - Thank you to the following special session organizers: Micah Shepherd, Matthew Shaw, Jerry Rouse, Timothy Walsh, James Nelson, Tribikram Kundu, Wolfgang Grill, Anthony Croxford, Ben Shafer, Marcel Remillieux
 - Thank you to Ben Shafer, SAVTC TPOM representative
 - b. Student paper awards: Ben Shafer
 - c. Distinguished Lecture: W. Jeffery Elias, M.D. “The Use of Magnetic Resonance-Guided High Intensity Focused Ultrasound to Treat Essential Tremor”, Wednesday, 10:25 a.m., Golden Gate 2/3
 - Video of lecture will be available at a later date

- d. Society Luncheon and Lecture: Carl Haber, Ph.D., Senior Scientist, Lawrence Berkeley National Laboratory
 - Methods developed from instrumentation for particle physics used to reconstruct audio from early mechanical recordings
 - Student Council requesting a volunteer from each TC to take a student with them (students chosen by raffle at Student Reception, Wednesday evening)
- e. Committee on Archives and History has requested that a volunteer from each TC attend “Oral History Bootcamp,” Thursday, 9:30 a.m. to 11:00 a.m., Sutter A/B
 - Participants will learn appropriate techniques to conduct oral history interviews

6. 167th ASA Meeting, Providence, RI, May 5-9, 2014 (**Abstracts due December 16, 2013**)
James Miller, Gopu Potty, Co-Chairs; James Lynch, Technical Program Chair

a. **Final** Special Sessions:

- Acoustic Metamaterials: Christina Naify & Maichael Haberman
- Acoustics of Cylindrical Shells: Sabih Hayek
- Acoustics of Sports: Matthew Shaw
- Environmental Vibration: David Waddington & Calum Sharp
- Noise and Vibration Associated with Wind Turbine Designs: Kuangcheng Wu
- Session in Honor of Murray Strasberg: David Feit
- Undersea Vehicle Noise: Robert Koch

b. TPOM on January 17-18, 2014, Representative: Robert Koch

c. Student paper awards: Benjamin Shafer

d. ASA School 2014

7. 168th ASA Meeting, Indianapolis, IN, October 27-31, 2014

Patricia Davies, Kenneth DeJong, Co-Chairs; Robert Port, Technical Program Chair

a. **Finalize** Special Sessions (deadline for changes February 1, 2014, except for memorial sessions which are due end of this week):

- Machinery, energy and power systems: Eric Ungar
- Vibration reduction in air-handling systems: Ben Shafer
- Tire noise and vibration: James Phillips

- Medical instrumentation, equipment, structure-borne noise from MRIs: James Phillips
- Nearfield acoustical holography: Sean Wu
- Vehicle interior cabin noise, Sean Wu

b. TPOM on May/June ??? 2014, TPOM Representative: ???

c. Student paper awards: Benjamin Shafer

8. 169th ASA Meeting, Pittsburgh, PA, May 18-22, 2015
Robert Keolian, Matthew Poese, Co-chairs

a. **Plan** Special Sessions:

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b. TPOM on January ??? 2015, TPOM Representative: ???

c. Student paper awards: Benjamin Shafer

9. Future meetings:

170th Meeting, Jacksonville, FL, November 2-6, 2015

171st Meeting, Salt Lake City, UT, Spring 2016

172st Meeting, Honolulu, HI, Joint with Acoustical Society of Japan, Fall 2016

Proposed Joint ASA/EAA meeting in Boston, MA in 2017

10. Report from Medals and Awards Committee: Sabih Hayek

11. Membership Committee: Kai Ming Li

- Two SAVTC members to receive ASA Fellow Certificates at San Francisco meeting:
 - Robert Koch & Tribikram Kundu

12. ASACOS: Robert Koch

13. Report from Student Council: Matthew Kamrath (for Matthew Shaw)

14. SAVTC webpage update - Brian Anderson

15. Topics from the Technical Council Meeting

- Notice to special session planners: do not send “blanket invitations” via social media (listserv, LinkedIn, etc.)
- Tentative future articles for Acoustics Today
- Signatures will be gathered in Providence to start proposed Technical Specialty Group on Forensic Acoustics (not a full TC but able to organize special sessions)
- Reminder that coupon codes for five free ASA/ANSI standards will be emailed to members in January 2014

16. Technical Initiatives

17. New Business

18. Adjourn