

Structural Acoustics and Vibration Technical Committee

Technical Committee Meeting
165th ASA Meeting in Montréal, Québec, Canada
4 June 2013
7:30 p.m.

Meeting Minutes

Those in attendance: Eric Ungar, Jerry Ginsberg, Sabih Hayek, Allan Pierce, Ben Shafer, James Phillips, Christina Naify, David Feit, Matthew Shaw (Student Council), Dan Russell, Linda Franzoni, Kuangcheng Wu, Vyacheslav Ryaboy, Huancai Lu.

1. Called To Order by James Phillips at 7:36pm.
2. Agenda
3. Approval Of the 164th ASA Meeting minutes from Kansas City, Missouri
Motion made by Jerry Ginsberg, seconded by Eric Ungar. Minutes approved.
4. Winners of the Best Student Paper Awards at the 164th ASA Meeting in Kansas City, Missouri

1st Place

Alan T. Wall, Brigham Young University, Provo, Utah

References per coherence length: A figure of merit for multireference acoustical holography

2nd Place

Rico Meier, Martin-Luther-University Halle-Wittenberg, Germany

Guided wave approach for inline photovoltaic module component inspection

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

5. 165th ASA/CAA Meeting, Montréal, Québec, Canada, June 2-7, 2013

a. **83 papers total:** 34 invited, 49 contributed (18 student papers)

- Thank you to the following special session organizers: Franck Sgard, Nouredine Atalla, J. Gregory McDaniel, Kenneth G. Foote, David Feit, Joel Garrelick, Dean Capone, Yun Jing
- Thank you to the following people who volunteered to chair contributed paper sessions: Robert M. Koch, Eric E. Ungar, Sabih I. Hayek, Linda P. Franzoni, James E. Phillips, Kuangcheng Wu, Vyacheslav Ryaboy
- Thank you to Robert M. Koch, SAVTC TPOM representative

b. Student paper awards: Ben Shafer

6. 166th ASA Meeting, San Francisco, Dec 2-6, 2013

a. **Final** Special Sessions:

- Computational Structural Acoustics (Jerry W. Rouse, Timothy F. Walsh)
- Groundborne/Structureborne Noise and Vibration from Transportation (James T. Nelson)
- Human-Induced Vibration in Buildings (Benjamin M. Shafer)
- Structural and Acoustic Response Due to Impulsive Excitation (Marcel Remillieux)
- Structural Health Monitoring (Tribikram Kundu)
- Vibration from Aeroacoustic Loads (Matthew D. Shaw)
- Wheel/Rail Interaction (James T. Nelson)

b. **Abstracts due July 8, 2013**, Call for papers posted on the ASA website.

c. TPOM on July 26-27, 2013, TPOM Representative: Ben Shafer confirmed

d. Student paper awards: Benjamin Shafer

7. 167th ASA Meeting, Providence, RI, May 5-9, 2014

a. **Finalize** special sessions (deadline for changes August 5, 2013, except for memorial sessions which are due end of this week):

- Undersea vehicle noise (Robert Koch)
- Memorial session for Murray Strasberg (David Feit, Joint with UW, PA)
- Acoustics of sports (Matthew Shaw)
- Acoustics of cylindrical shells (Sabih Hayek)
- Noise and vibration associated with wind turbine designs (joint with Noise?, Kuangcheng Wu)
- Acoustic Metamaterials (Christina Naify?)

Chair's note: The following special session was assumed by SAV during the Technical Committee on Noise meeting:

- Environmental Vibration: Evaluation and assessment of environmental including human response. (David Waddington, Salford University, U.K.)

b. TPOM on January/February ???, 2014, TPOM Representative: Robert Koch

c. Student paper awards: Benjamin Shafer

- d. ASA School
8. 168th ASA Meeting, Indianapolis, IN, October 27-31, 2014
 - a. **Plan** special sessions
 - Machinery, energy and power systems, Eric Ungar
 - Vibration reduction in air-handling systems, Ben Shafer
 - Tire noise and vibration, James Phillips to check with another consultant
 - Nearfield acoustical holography, Sean Wu
 - Vehicle interior cabin noise, Sean Wu
 - Medical instrumentation, equipment, structure-borne noise from MRIs, James Phillips
 - b. TPOM on May/June ???, 2014, TPOM Representative: ???
 - c. Student paper awards: Benjamin Shafer
 9. Future meetings:
 - 169th Meeting, Pittsburgh, PA, May 18-22, 2015
 - 170th Meeting, Jacksonville, FL, November 2-6, 2015
 10. Report from Medals and Awards Committee: Sabih Hayek
 - Collecting names for Silver medal, nominate at next meeting
 - Each TC gets a Silver medal for technical merit
 - Gold medal for technical merit and service to the Society
 11. Review and nominate ASA members to the Fellow status – report by Kai Ming Li
 - One person transferred to Fellow at last meeting
 - Two members up for consideration this meeting
 - Karl Grosh to represent SAVTC at Membership Meeting in Montreal
 12. Report from Student Council: Matthew Shaw
 - For students: Facebook page (www.facebook.com/asastudents) and twitter (@ASASStudents)
 - Monday Activities
 - New Student Orientation
 - Student Icebreaker
 - Student Outing
 - Attend at the next meeting in San Francisco!
 - Wednesday Activities
 - Student Reception – 6:30-8pm Rm. 725
 - Student Outing – 8pm Intercontinental Hotel - Maisonneuve Room
 - Student Council Mentor Award
 - Unprecedented number of entries
 - Award presented at San Francisco meeting
 - Smartphone Acoustic Signal Processing Student Competition

- San Francisco meeting Call for Papers
- Cash prizes for winners
- Fellowship workshop in San Francisco
 - Early career professionals or graduate students who have been successful in obtaining grants or fellowships to be on panel
 - Contact Matt Shaw if interested
- Future meetings
 - Free meeting pre-registration at local meetings for all undergraduates
 - ASA School in Providence
 - Intro to TCs Special Session in Providence

13. Topics from the Technical Council Meeting

- New student fees: \$50 member/\$95 non-member (first time in Providence, undergraduates still free)
 - Sabih questions why? James Phillips says perhaps they will value it more.
 - If students sign up for membership, can they get a member rate at the meeting? (from Tech Council: the \$90 non-member fee includes \$50 member rate plus \$40 ASA student membership)
 - Linda Franzoni: Use student fees to help with travel subsidies?
 - Ben Shafer: Possible reduction if giving a paper?
 - Jerry Ginsberg: We are not very happy about this.

14. Technical Initiatives

- \$1000 per year for student paper awards
- \$300 for website maintenance
- Offsetting travel for invited speakers, honoraria, etc.
- Ben Shafer: for invited speakers

15. SAVTC webpage update - Brian Anderson (volunteered in KC)

- Is SAVTC website hosted on ASA server? Yes – verified with Brian.
- ??? Thompson working on format, Brian waiting for that to come out.

16. New Business

- Ben Shafer to leave Thursday night, need volunteer to do student paper surveys on Friday
 - Sabih Hayek and other co-chair to do it.

17. Adjourn – motion by Sabih Hayek, second by Jerry Ginsberg, meeting adjourned at 8:36pm.