

# Structural Acoustics and Vibration Technical Committee

Technical Committee Meeting  
164th ASA Meeting in Kansas City, MO  
23 October 2012  
7:30 p.m.

## Minutes

Those in attendance: James Phillips, Matthew Shaw (Student Council), Robert Koch, Sabih Hayek, David Feit, Karl Grosh, Ken Cunefare, Scott Sommerfeldt, Allan Pierce, Micah Shepherd, Ben Shafer, Eric Ungar, Jerry Ginsberg, Dan Russell, James Nelson, Christina Naify, Timothy Walsh, Liang Wu Cai, Tribikram Kundu, Anton Filyayev, Tim Sweeney, Miles Possing, Irineo Jaimes, Erich Pfister, Julien Meaud, Paul Bauch, Brian Anderson, Marcel Remillieux,

1. Called To Order by James Phillips at 7:34pm.
2. Agenda approved.
3. Approval Of the 163<sup>rd</sup> ASA Meeting minutes from Hong Kong, China  
Jim Nelson motioned to approve, Karl Grosh seconded, minutes approved unanimously.
4. Review of Graduate Programs Directory (passed out with attendance sheet and members requested to add corrections if needed – Chair’s note: no corrections were made)
5. Chair’s report from 163<sup>rd</sup> ASA Meeting in Hong Kong, China:
  - Winners of The Best Student Paper Awards:
    - 1st Place  
André Verstappen, University of Canterbury, New Zealand  
Influential parameters in system damping performance of viscoelastically damped plates
    - 2nd Place  
Ye Wang, Harbin Engineering University, China  
Research on engine exhaust noise control based on the neural network
  - Thank you to James Phillips for organizing the student papers awards in Hong Kong.
  - Thank you to Robert Koch, SAVTC TPOM representative for the 164<sup>th</sup> Meeting, Kansas City
  - Thank you to special session chairs for 164<sup>th</sup> Meeting, Kansas City
    - Ben Shafer – Damping Applications and Modeling
    - Allan Pierce and Greg McDaniel – Session in Honor of Preston W. Smith, Jr.
    - Tribikram Kundu and Wolfgang Grill – Guided Waves for NDE and SHM

- Henrique Reis and Michael Lowe – Guided Waves II
- Micah Shepherd – Structural Acoustic Optimization

6. 165<sup>th</sup> ASA/CAA Meeting, Montreal, Canada, June 2-7, 2013

a. Final special sessions:

- Acoustic Metamaterials, Dean Capone & Yun Jing (joint with Noise, Engineering Acoustics and Physical Acoustics)
- History and Application of Constrained Layer Damping, Ben Shafer
- Measurement and Modeling of Structures with Attached Noise Control Materials, Nouredine Atalla, Franck Sgard
- Memorial Session in Honor of Miguel Junger, David Feit, Joel Garrelick
- Noise Control Methods for Composite Structures, Gopal Mathur, (joint with Engineering Acoustics and Noise)

b. MANUSCRIPTS REQUIRED TO PRESENT (2-8 pages)

i. **Abstracts due November 15, 2012**

ii. Manuscripts & registration fee due January 22, 2013

c. There will be opening and closing ceremonies (Sunday & Friday)

d. TPOM on February 15-16, 2013, TPOM Representative: Robert Koch

e. Student paper awards: Benjamin Shafer

7. 166<sup>th</sup> ASA Meeting, San Francisco, CA, December 2-6, 2013

a. Finalized special sessions (deadline for changes and additions is February 1, 2013):

- Vibration from aero-acoustic loads, Matt Shaw
- Computational structural acoustics, Jerry Rouse & Dave Burnett
- Ground-borne/structure-borne noise and vibration from transportation, Jim Nelson
  - Possible two parts: Human response, sensitive equipment
- Structural health monitoring, Tribikram Kundu
- Human induced vibration in buildings, Ben Shafer (Eric Ungar)
- Structural and acoustic response due to impulsive excitation, Marcel Remillieux
- Wheel/rail interaction, Jim Nelson, Hugh Saurenman

b. TPOM on July/August 2013 (date to be announced), TPOM Representative: Ben Shafer

c. Student paper awards: Benjamin Shafer

8. 167th ASA Meeting, Providence, RI, May 5-9, 2014

a. Preliminary planning for special sessions:

- Undersea vehicle noise, Robert Koch
- Memorial session for Murray Strasberg, David Feit (joint with UW)
- Acoustics of sports, Matthew Shaw
- Sabih Hayek will organize a session, topic to be determined

b. TPOM on January 2014 (date to be announced), TPOM Representative:

(Chair's note: Robert Koch volunteered to be TPOM Rep after the meeting)

c. Student paper awards: Benjamin Shafer

9. Future meetings:

168<sup>th</sup> Meeting, Indianapolis, IN, October 27-31, 2014

169<sup>th</sup> Meeting, Pittsburgh, PA, May 18-22, 2015

170<sup>th</sup> Meeting, Jacksonville, FL, November 2-6, 2015

10. Report from Medals and Awards Committee: Sabih Hayek

Gold Medal to Eric Ungar in 2011, working on next one.

11. Review and nominate ASA members to the Fellow status – report by Kai Ming Li

Kai Ming was not in attendance. No report received.

12. ASACOS Representative

Dean Capone is stepping down next year. Robert Koch volunteered to replace Dean.

Thank you, Robert.

12.5 Jerry Ginsberg spoke regarding ASA Public Policy subcommittee regarding wind turbines. New formed subcommittee is looking for people with interest or experience to help ASA. Those interested should talk to Nancy Timmerman, Chair of the subcommittee. James Phillips had already been contacted by Nancy Timmerman. Mr. Phillips will attend the Wind Turbine Subcommittee scheduled for Wednesday afternoon, 24 October 2012.

14. Report from Student Council: Matthew Shaw

- Volunteer needed to take a student to the Society (Fellows) Luncheon and Lecture
  - Meet student at 11:45 Thursday outside Royal Exhibit Hall
  - Volunteer encouraged to attend the Student Reception, Wed 6:30 – 8:00 p.m., Barney Allis Lobby/Tea Room
- Wednesday Student Events
  - Student Forum (Wed., 6:00 – 6:30 PM, Bennie Moten)
  - Student Reception (Wed., 6:30 – 8:00 PM, Barney Allis)

- Student Outing (Wed., 9:00 PM, ASA Jam)
- Check out our twitter feed for updates to student activities throughout the week (@ASASudents)
- ASA Student Council Mentor Award
  - Award nominations due early Spring 2013 -- watch student website
- Student Programs / Opportunities
  - Free meeting pre-registration for non-member undergraduate students
- Student Council Position Openings in Spring 2013 (get the word out now!):
  - Open positions: AA, AB, AO, EA, MU, PP, SP

#### 15. Topics from the Technical Council Meeting

- Experience with KC apps and online itinerary planner: Positives? Negatives?
  - Worked well on iPhone but not on other platforms
  - Use browser rather than app, computer worked well, download to calendar
  - Add maps of hotel layout
  - Individual talks downloaded to calendar vs. full sessions
- Review of Graduate Programs Directory. No comments.
- Need volunteers for Hands-on-Demos: Wednesday, 10-noon (students), 6:45-7:30 (Girl Scouts) Basie
- Do you like Acoustics Today? Echoes?  
 Acoustics Today: Like? 22 votes. Don't Like? 0 votes. Don't care? 0 votes  
 Echoes: Like? 13 votes. Don't like? 1 vote. Don't care? 6 votes.

Should anything be changed?

- Why aren't they combined?
- Suggestion to put Echoes as a section in Acoustics Today.

Electronic format only? 5 votes.

Keep hardcopy? 6 votes.

- If all of JASA up to 2009 was available on USB drive for \$150 (including a search engine, Acoustics Today and Echoes), how many in attendance would people be interested? 0 votes for it. 1 vote for "may be interested."

Comments from the committee:

- How is that different from what you can get online with your membership?

- Feedback from ASA School 2012 attendees. No one in attendance participated in the program.

#### 16. Technical Initiatives for 2013

A suggestion was made to Contact Sean Wu (past Chair of SAVTC) about former initiatives.

17. SAVTC webpage update

Brian Anderson volunteered to update the webpage. He has already volunteered to update other committee webpages.

(Chair's note: No budget was proposed or requested, but James Phillips has submitted Brian's name to receive pre-approved Technical Initiative in the amount of \$300 for webpage maintenance.)

18. New Business

- Robert Koch needed a volunteer to substitute for session chair at Kansas City special session – David Feit volunteered. Thank you, David.
- Motion from Jerry Ginsberg (seconded by Sabih Hayek): At least one organizer for each technical session at future ASA meetings must be an ASA member.  
Votes: 18 votes for the motion, 0 votes against, 0 abstain.  
Motion passed; James Phillips to take to Technical Council.

19. Meeting adjourned at approximately 8:30 p.m.