

# ACOUSTICAL SOCIETY OF AMERICA

170th Meeting  
Jacksonville, Florida  
TC Noise Meeting Agenda  
Thurs, 5 Nov 2015, 7:30 p.m.  
Grand Ballroom 2  
William J. Murphy, Chair

## 1. Welcome to members, guests, students

- Please mark attendance list and verify your contact information

## 2. Minutes from Pittsburgh: corrections, approval

## 3. Incoming Appointments

- a) Need someone who will step up to do TPOM for 1 year – James Phillips will help for Salt Lake
- b) Need to find someone for the Education in Acoustics Committee – William Murphy will be EAC rep

## 4. Reports

- a) Membership Report (Alex Case):  
New Fellow introduced at this meeting: Kirill V. Horoshenkov – For contributions to outdoor sound propagation, remote sensing, and acoustics of porous materials.
- b) Medals & Awards (Ken Cunefare): If any suggestions for possible nominations (Gold Medal, Silver Medal, Lindsay Award), let Ken know.  
  
Paul D. Schomer – Recipient of Distinguished Service Citation  
Need dossiers for potential award nominees
- c) Leo & Gabriella Beranek Scholarship in Architectural Acoustics and Noise Control
  1. Committee: Leo & Gabriella Beranek, Ken Goode Jr., William J Murphy, Tony Hoover, Damian Doria
  2. Announcement will be forthcoming from ASA
  3. Application, recommendation forms and eligibility criteria have been developed
- d) Young Investigators Award (Ken Kaliski): 4 papers to be considered at this meeting
  - 1aNS1 Matthew Kamrath
  - ~~1aNS6 Kwanhyung Lee Did Not Present~~
  - 1aNS7 Brenna Boyd
  - 5aNS4 Matthew CaltonThank you to the judges: Frank Mobley, Keith Wilson, Eric Reuter, Ken Kaliski, Scott Sommerfeldt,
- e) Student Council (Matt Blevins): Welcome students
- f) This meeting:

TPOM representatives: Eric Reuter, Vic Sparrow

Session Chairs and Organizers:

1. 1aNS Environmental and Community Noise – Eric Reuter
2. 1pNS Soundscape and its Application – Brigitte Schulte-Fortkamp, Bennett Brooks
3. 2aNS & 2pNS Damage Risk Criteria for Noise Exposure – Hilary Gallagher, Rich McKinley
4. 3aNS The Role of Fit-Testing Systems for Hearing Protection Devices– Melissa Theis, Elizabeth McKenna, William Murphy
5. 4aNS Thoughts on the Next Generation of ANSI Loudness Standards – Patricia Davies Colin Novak
6. 4pNS Wind Turbine Noise – Nancy Timmerman, Robert Hellweg, Paul Schomer, Ken Kaliski
7. 5aNS Noise Potpourri – Scott Sommerfeldt

Call for Papers for Salt Lake City will be forthcoming:

TPOM: Eric Reuter and James Phillips will be available for this

g) Women in Acoustics (Lauren Rossi)

WIA continues to be active & sponsor several on-going programs, including:

- Young Investigator Travel Award
- Women in Acoustics Luncheon
- Mentoring Program
- Girl Scout Outreach
- Dependent Care Subsidy program (kids, parents) four \$500 grants with an application

If you are interested in participating or volunteering for any of these programs, please visit our website (accessible from main ASA page) or contact Lauren Rossi

h) Regional Chapters (Bob Coffeen) – No Report

i) College of Fellows (Tony Hoover) – Take a Student to the Society Luncheon. Need a volunteer of someone who expects to be going to Society Lunch in Jacksonville. Volunteer when you (Preregistration) register for the meeting and sign up for the luncheon.

j) Executive Council presentation on the ASA Strategic Plan. Mike Stinson

Open Kickoff meeting 2-4 PM in 4104 ...

\$270K to push these elements forward.

k) Student Meet Members for Lunch – New System. David Blackstock is working with Student Council Representatives. New checkboxes for them to select and indicate participation.

## 5. Publications and Standards

a) JASA Associate Editors for Noise (G. Brambilla, B. S. Cazzolato, S. Fidell, K. V. Horoshenkov, R. Kirby, Brigitte Schulte-Fortkamp)

Article suggestions and ideas from each TC

17 papers published

New procedure for paper submission and review

SPECIAL Issues: ½ price for Open Access immediately, OA after one year  
Tutorials: (Free for author and open access)  
Reviews: (Free, Open Access)  
Forum articles (discussion of the state of the art in the field) F,OA  
Special Quest articles (F,OA), from Outside the ASA as well  
New Associate Editors (AnBIO, Phys, Speech)

10 most influential papers in TC Noise that could be made Open Access

Need to create a committee to find and identify the top Ten papers.

- b) JASA Express Letters Associate Editor for Noise (Scott Sommerfeldt) – there is been an upswing in manuscripts submitted to JASA-EL  
Term ends this year and a replacement would be needed.
- c) POMA (Kent Gee) – Associate Editors: Alan Wall, Alexandra Lobeau  
Report given by Alan Wall
  - Consider submitting papers from this meeting
  - No longer a two-year time limit
  - Special session summary paper from the session chair
  - Collections of presentations can be built
- d) Standards (Paul Schomer)
  - 1. Standards Manager position is open, advertised and interviewing applicants  
Chris Struck, Susan Fox, Susan Blaeser, William Murphy, Robert Hellweg search committee
- e) ASACOS (Rich Peppin - report)  
Reminder: each ASA member can get 5 free standards a year. Code was sent to you upon membership renewal. If you forgot code go to ASA web and contact “citation help.”  
ASA/ANSI standards are free, and nationally adopted ISO standards can be purchased for the reduced price of \$35 each.

### **REPORT FROM Rich Peppin**

ASA Committee on Standards (ASACOS)

ASACOS Meeting- Items that may be of interest to TC-Noise

Tuesday, 3 November 2015 at 7:30 a.m. Room 4108

Hyatt Regency Jacksonville Riverfront

1. We approved the draft "Information for WG members" (ASACOS/453). This is a document available for new working group members to understand what is done in the “standards community.”
2. There was no reports from any Technical Committees that relates to TC-Noise. Please note that all ASA members get five (5) free standards every year and all members should be made aware of this. (Note NAIS (Nationally Adopted International Standard) standards may cost \$35.00 additional.)
3. ASA Strategic Plan, -this was approved. Summary will be distributed at TCs at this meeting.
4. Susan Blaeser, Standards Manager, will retire on or about SLC meeting. There is a search committee that may make a decision on replacement by early winter.
5. When planning new sessions for a future meeting, perhaps the TC could cosponsor with ASACOS if standards are somehow involved in the session topics.

6. There were reports from the S Committee Chairs. Nothing special for TC-N. Steve Lind: S12- had some new standards planned. One might be noise in gymnasias.
7. Reports of the TAG Chairs: Bob Hellweg: TC43-Acoustics and TC43SC1-Noise met in Milano. The ISO loudness standard is being modified.
8. Chris Struck: ASACOS Steering is just a planning meeting but does not make any decisions for ASACOS
9. Next meeting Salt Lake City 2016 May 24th at 730am

## 6. Future Meetings

BROADCAST??? Are there sessions that would be good to broadcast?

Who would consider being a presenter in a live streamed webcast?

1. Love the Idea? Roughly 2/3<sup>rd</sup> were in favor of the idea
2. OK, that would be all right. Maybe 1/3<sup>rd</sup> were ok with it.
3. Not going do it. No one was against this

- a) Spring 2016, Salt Lake City, UT (May 23-27)  
Scott Sommerfeldt and Kent Gee, Co-Chairs

Final special session submitted at this meeting

1. Community Noise – Eric Reuter
2. Rail Noise – James Phillips
3. Noise and Vibration – Impacts in Crossfit Training Facilities – Steve Pettyjohn James Phillips
4. Acoustic Apps for Noise Measurements – Ben Faber
5. Statistical Learning Techniques in Noise Research – Jonathan Rathsam, Ed Nykaza
6. What's that sound – Ken Cunefare, Kenric Van Wyk
7. Wind Turbine Noise – Nancy Timmerman

- b) Fall 2016, Honolulu, HI (joint with ASJ) Sessions for Live Streaming?

Community response to transportation noises	YANO, Takashi	ASJ Noise and Vibration
Prediction of transportation noises	SAKAMOTO, Shinichi	
Low frequency Noise: measurement, evaluation	TAKAHASHI, Yukio, MACHIDA, Nobuo	
Wind turbine Noise	IMAZUMI, Hiroyuk	
Sound design	TOI, Takeshi	
Emerging issues on quiet vehicles	YAMAUCHI, Katsuya	
Hearing Protection Device Testing Methodologies	Elliot Berger, Jinro Inoue	ASA Noise
Sonic Booms – Joint with Physical Acoustics	Vic Sparrow	
Design of Acoustic Materials	Stuart Bolton, Takashi Yamamoto	
Innovations in Floor Impact Noise Testing	David Lubman, John LoVerde	

Noise Impact on Outdoor Gathering Spaces	Tony Hoover	ASA Structural Acoustics and Vibration
Microperforated Materials	Stuart Bolton, Zenzo Yamaguchi	
Fluid flow induced vibration and noise	Kuangcheng Wu (kc.Wu@hii-nns.com ) Robert Koch (Robert.M.Koch@navy.mil )	
Non-contact vibration excitation and sensing techniques	S. Sommerfeldt (scott_sommerfeldt@byu.edu ) B. Anderson (bea@lanl.gov )	
Metamaterials	Jeff Cipolla (Jeffrey.cipolla@wai.com ) Christina Naify (christina.naify@nrl.navy.mil ) Michael Haberman (haberman@arlut.utexas.edu )	
Building vibration analysis, measurement and mitigation	James Phillips (jphillips@wiai.com) Hasson Tavossi (htavossi@valdosta.edu )	
Session in honor of Allan Pierce	Sean Wu (sean_wu@wayne.edu)	

d) Spring 2017, Boston, MA (joint with EAA) Technical Co-chair Philippe Blanc Benon

1. Sonic Boom – Vic Sparrow Philippe Blanc-Benon (Joint with PA)
2. Effects of Noise on Human Comfort and Performance – Lily Wang
3. Using Acoustic Standards in Education – William Murphy (joint with P&P, ASACOS)
4. Future of Noise Policy (joint with EAA & TCAA) – David Woolworth, Brigitte Schulte-Fortkamp
5. Tone Perception – Joon Hee Lee, Roland Sottek (joint with P&P)
6. Mechanical System Noise – Eric Reuter
7. Kenneth Plotkin Memorial Session – Victor Sparrow
8. Matthew Kamrath – Transportation Noise
9. Soundscapes Noise Impact on Outdoor Gathering Spaces – Tony Hoover

e) Fall 2017, New Orleans, Louisiana, Dec.8, 2017

1. Sound Ordinances for entertainment districts – David Woolworth
2. Acoustics and its role in accessibility (e.g. Americans with Disabilities Act) – Kathy M. (from the web)

f) Spring 2018, Minneapolis, Minnesota, May 7, 2018

g) Fall 2018, Victoria, British Columbia

h) Spring 2019, Louisville, Kentucky

i) Fall 2019 TBD

j) Spring 2020 Chicago, IL

k) Fall 2020, Cancun, Mexico

## **7. Technical Council Items**

- a) 2019 being proposed as International Year of Sound from the international Commission on Acoustics approved by UNESCO. Lots of opportunity to have outreach and raise awareness
- b) Whit Au is AE for Invited/Review/Tutorial articles for JASA. Give any suggestions you may have for papers in these areas to Bill Murphy or to Whit.

## **8. TC Noise Web Page**

- a) Website has been migrated to ASA site by Dan Farrell. If people have suggestions, we can work with Dan to get them incorporated.  
Web advisory committee will be available. TC Noise needs to have a champion from the TCNoise to use the WordPress templates.

Jeanine Botta has volunteered to assist.

## **9. Technical initiatives**

- a) New guidelines – standing approved funding of \$1000 for Young Investigator Award and \$3000 for travel support each year
- b) For additional initiatives, initiative under \$2500 will be approved by a “consent” vote (up to \$15,000 total). Those over \$2500 will be considered and approved individually.

## **10. Other Items**

1. Data Science and Acoustics Joon Hee Lee, Andrew Christian and Matt Blevins from Univ Nebraska. Requesting \$10,000 will bring some persons from Outside of ASA to teach and present to the participants on Big data, data mining, machine learning. Friday of the Honolulu meeting.
2. Open air microphones and ask questions at the microphone
3. Comments on the meeting?
4. Weekend before the ASA meeting in Salt Lake City: Snowbird UT ASA School
5. ICA meeting next year in Buenos Aires Argentina in September 2016
6. Tables and chairs and a quiet meeting. Did it reduce our mingling? No dessert!!! Salt Lake will have dessert.
7. In the One Meeting Application, it is difficult to find where the Technical meetings are meeting
8. Deliver the programs before the meeting. Use the APP; use the pdf on the web.
9. Be aware of the conflicts between the Society luncheon and the start of the sessions on Thursday

## **11. Next Meeting: Salt Lake City, UT (May 23-27, 2016)**

**Adjourn**