

## **ACOUSTICAL SOCIETY OF AMERICA**

176th Meeting of the  
Acoustical Society of America  
Victoria, BC  
TC Noise Meeting Agenda  
Thursday November 8, 7:30 p.m.

James Phillips, Chair  
([jphillips@wiai.com](mailto:jphillips@wiai.com))

Kieren Smith, Student Rep/Secretary  
([kieren.smith@huskers.unl.edu](mailto:kieren.smith@huskers.unl.edu))

### **Welcome to members, guests, students**

- Please mark attendance list and verify your contact information
- Thank you to our previous Chair, Bill Murphy, for three years of outstanding service

**Minutes from Minneapolis:** approved unanimously by those present

### **Thank you to Minneapolis Organizers**

- Stan Dosso, Chair
- Roberto Racca, Technical Program Chair
- Sonya Bird, Xavier Mouy, Special Events
- Hot Topics, Speech Communication, Education in Acoustics, and Animal Bioacoustics
- Tutorial Lecture On An Introduction To Sound In The Sea
- Undergraduate Research Exposition
- Early Career Speed-Networking Event
- Canadian Acoustical Association

### **Membership Report (Alex Case):**

- New Fellows introduced at this meeting – Congratulations!
  - Ahmed A. Al-Jumaily
  - Richard D. Costley, Jr.
  - Jan Dettmer
  - Joseph R. Gladden, III
  - Dorian S. Houser
  - Brian F. Katz
  - Colleen Reichmuth
  - Gary P. Scavone
  - Eleanor P. Stride
  - David S. Woolworth
  - Catherine L. Rogers

### **Medals & Awards (Brigitte Schulte-Fortkamp):**

- TCN eligible for Silver Medal nominations in Spring 2019
  - Last Silver Medal in Noise was in 2012 (Keith Attenborough)
  - Dossiers due to ASA April 8, 2019 (3 dossiers needed)

### **ASA Foundation (Lily Wang)**

- <https://acousticalsociety.org/foundation-fund/>
- Campaign for Early Career Leadership- fostering leadership in young professionals
  - 2 a year, \$6,000 each award
  - Contact Lily to donate

### **Leo & Gabriella Beranek Scholarship in Architectural Acoustics and Noise Control**

Committee: Carl Rosenberg, Eric Reuter, James Phillips, Tony Hoover, Alex Case

- Publicize awards better-raise point at technical council (James will do this)
  - Student webpage and dispersion of information

### **Frank W. & Virginia L. Winker Memorial Scholarship (eligible to students in Architectural Acoustics, Noise Control, and Engineering Acoustics)**

Committee: Christopher Struck, James Phillips, Eric Rueter, Mike Haberman

- Will have 2 awards in the future

### **Young Investigators Award from Minneapolis**

- Fabien Bonnet,  
Acoustical corrections to be used for improved in-ear noise dosimetry measurements
- Simon Benacchio,  
Application of a registration method on magnetic resonance images to evaluate the displacement field of a human subject ear canal due to various earplug insertions
- Yutong Xue,  
Design for Optimal Structural Damping

### **Student Council (Kieren Smith): Welcome students**

- What we do:
  - Student Council Purpose: "Promote the interests of Student Members in the Society."
  - Liaise between student members and the rest of the society, providing information through digital and in-person contact, encourage social engagement of student members
- Web presence
  - Website ([asastudents.org-NEW](http://asastudents.org-NEW)), Facebook (Acoustical Society of America - Students) (1,219 followers), Twitter (650+ followers), LinkedIn (Acoustical Society of America Students) (~100 members)

- Send post-doc, job, event information to Kieren Smith ([kieren.smith@huskers.unl.edu](mailto:kieren.smith@huskers.unl.edu)-cards available) to post for students
- We will advertise for other conferences, etc. outside of ASA on website
- Mentor Award
  - Call for nominations open soon! Due before Louisville
  - Nominations considered for 3 cycles
- Student events & Sponsored sessions in Victoria
  - Orientation: 55
  - Meet and Greet: 110+
  - Outing: 35-40
  - Students Meet Members for Lunch (SMMFL):
  - Student Reception:
  - ASA Jam!
- Student Travel Funds
  - NCAC travel grant awards
  - ASA Student Council travel awards (\$250)
  - ASA Student Transportation Subsidy (per ASA Website: Meeting Information)

#### **Education Committee (Keeta Jones & Traci Neilson)**

- 2 Outreach sessions sponsored by WIA
  - Looking for more volunteers for the future!
  - Hands-on demonstrations, interact with kids
- Mentoring across differences session
- Measuring acoustical education outcomes session
- 2 INTEL award winners (high school students) sponsored to come to the meeting

#### **Women in Acoustics (Michelle Vigeant)**

- Dependent Care Subsidy - open to ANYONE in the society
- Young Investigator Travel Grant - open to ANYONE in the society
- Hoping for more WIA luncheon tickets (perhaps more unsubsidized tickets)
- Seeking a conduit for support for people in difficult situations (safe space)

#### **Regional Chapters (Ken Good)**

- New Chapter
  - East-Southeast Asia Regional Chapter - welcome!
- Two new potential chapters
  - Belmont College Student Chapter
  - Pan-Latin America Regional Chapter

#### **College of Fellows (Tony Hoover)**

- CoF Luncheon- sponsors 2 students per technical committee to come to the meeting
  - Seeking volunteers (senior members and fellows) to accompany students (you still need to buy a ticket)
- Ning heading up effort to log Fellows throughout society history
- Subsidize undergraduate student registration (\$25)

- Looking for ideas of how to publicize ASA accomplishments to larger community

#### **TC Noise Web Page (Cameron Fackler)**

- Update needed! Leisa Nalls volunteered to update the leadership and membership information on the website.

#### **International Noise Awareness Day Subcommittee (Jeanine Botta)**

- Looking for more interested members
- To join or find out more, talk with Jeanine after the meeting
- April 24th, 2019
  - [exploresound.org](http://exploresound.org) for more information

#### **Technical Council Initiatives**

- Each of the TC's discretionary funding is \$5000: \$1000 for Young Investigator Award, \$4000 to support travel. Travel funding is only reimbursable and no more than \$1500 can be provided to an individual during a year.
  - Let James Phillips know of persons that have a need.
- 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.
  - Let James know if you have any ideas for technical initiatives

#### **Technical Initiatives approved at Technical Council**

- The First African Bioacoustics Community conference, Dec 2018; \$3,000
- Summer Short Course: Methods for Analyzing Sound and Modeling Auditory Plasticity; AB; \$1,500
- Winter School on Therapeutic Ultrasound, Les Houches, France, March 3-8, 2019; BA & PA; \$5,000
- Northeast Regional Environmental Acoustics Symposium
- Student Poster Competition; AB; \$350

#### **Proposed Technical Council Initiatives**

- Jet Noise Reduction Workshop, San Diego, Fall 2019, \$4,300
  - \$300 for an 8-10 person breakfast, including the panel members
  - \$1000 to cover part or all of the luncheon for students and young professionals who pre-register for the workshop
  - \$3000 for a travel stipend for the panel members.
- James will submit this initiative at TC (joint with PA and CA)

#### **Task Force 1 (Andy Piacsek, Laura Kloepper) – Awareness of Acoustics**

- Asking for help in implementing a streamlined and more effective process by which the Society responds to media inquiries for expertise in acoustics.
  - ASA typically receives one or two inquiries per month from journalists for help in locating someone with expertise in an area of acoustics related to an event or story

- An online form is being set up where journalists will be able to find expert contacts according to selected key words.
- **Looking for 2 or 3 people from each TC to serve as primary media contacts and suggestions for key words - email James**
  - **Tony, Bennett, Bonnie**
  - acoustics.org for help
- Media training sessions to be offered in San Diego (especially for media contacts)

### **Editor-In-Chief Report (Jim Lynch)**

- Quarterly TC Chair picks, 4 per issue
- Impact factor has gone up for the first time in several years
- New *JASA Reflections* to honor significant articles

### **Journal of the Acoustical Society of America**

- JASA Associate Editors for Noise
  - Kirill V. Horoshenkov, University of Sheffield (Coordinating Editor)
  - Giovanni Brambilla, National Center for Research (CNR), Rome
  - Sanford Fidell, Fidell Associates
  - Alexandra Lobeau, NASA Langley Research Center
  - William J. Murphy, National Institute for Occupational Safety and Health
  - Yun Jing, North Carolina State University
  - Alan T. Wall, Air Force Research Lab, WPAFB
- JASA Express Letters Associate Editor for Noise (Eddie Lau)
  - Cameron Fackler in consideration
  - Need more! - Contact Charlie Church if interested
- POMA (Kent Gee) – Associate Editors: Alan Wall, Alexandra Lobeau
  - Please submit POMA papers!
    - Doesn't preclude from further publishing

### **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.
  - Worth \$500 for 5 free standards
- TC-29 meeting in Ottawa
  - W/G 17- sound level meters and calibrators: planning to use a transfer calibration (comparison) for microphone calibration included in document.
  - W/G 3(?)- dosimeter to incorporate USA comments. Approximately 2-years away from promulgation.
- Standards Director Report
  - Two candidates for Standards Manager position, recently vacated by Neil Stremmel, are promising and will be interviewed the 2<sup>nd</sup> week in December.
  - ANSI fees for standards to increase slightly
  - Financial budget slightly higher.

- JASA article on standards has been approved for publication
- Video on standards is close to completion
- ANSI Withdrawal of S12.2 – Room Noise
  - Due to an unfortunate sequence of process errors and lack of communication with the ASA Standards office, the PINs deadline for this project was missed, and ANSI has withdrawn this standard. This occurred in spite of the fact that the WG responsible for this project apparently had prepared a revision. It will need to be resubmitted as a “new” standard - working group 18
    - i. timeline: hopefully by May?
- Other
  - S12.2- background noise for theaters is incorrect and will be revised.
  - W/G S12 wg 15 meeting held 11/06
  - Working groups 44 (S12.70) and 27 (S12.18) meeting in Louisville
  - Wg 57 finishing S12.60 pt 4

### **Executive Council Report**

- New webpage to help those who want to get more involved in ASA
  - [www.acousticalsociety.org/volunteer](http://www.acousticalsociety.org/volunteer)
- Online form to apply for full membership coming soon
  - ASA will contact referrals
- ASA Summit Task Force meeting in Tucson, AZ, 21-23 February 2019
- Survey on government relations, what ASA should or should not do, to be distributed in Jan-Feb 2019
  - Please respond to surveys from EC

### **Technical Council Requests**

- Outreach to Industry
  - What can ASA do to get industry involved? (TC expects ideas to differ between committees)
  - Focus on automotive and aeronautical industries
    - Workshops
  - Ease of presentation and publication
  - Session chairs- invite these people!
    - Plan ahead - especially government
    - Manage expectations
  - Joint meetings (regional chapters)
  - Reach out to your network- be welcoming
  - Reinstitute the exhibition in both meetings? (currently Spring only)
  - Interviews
- Remote Presentation Policy
  - Current policy is “no” remote presentations
  - guidelines?
  - Majority agree that current policy is good (no remote presentations except VERY special extenuating circumstances)

**Victoria Noise Special Sessions November 5-9, 2018 (86 papers)**

- 1aNS Supersonic Jet Aeroacoustics I
  - Allan Aubert & Caroline Lubert
- 1pNS Supersonic Jet Aeroacoustics II
  - Alan Wall, Seiji Tsutsumi & Kent Gee
- 2aNS Emerging Technologies for Noise Control
  - Kirill Horoshenkov & Ning Xiang
- 2pNS Noise and Vibration from Fitness Activities
  - Matthew Golden & James Phillips
- 3aNS Technological Challenges in Noise Monitoring
  - Matthew Blevins & Anton Netchaev
- 3pNS Wind Turbine Noise
  - Kerrie Standlee
- 4aNS, 4pNSa Effects of Noise on Human Performance I & II
  - Joonhee Lee & Z. Ellen Peng
- 4pNSb Soundscapes
  - Kerrie Standlee

**Spring 2019, Louisville, KY Special Sessions:**

- TPOM: William Murphy, Hales Swift, Kerrie Standlee
- Acoustic Vehicle Alerts: Effects on Soundscape, Quality of Life, and Traffic Safety
  - Jeanine Botta
  - Brigitte Schulte-Fortkamp
- Acoustics of Healthcare Facilities
  - Jay Bliefnick
- Advances and Applications of Sound Quality Metrics Measurements
  - Hales Swift
  - Patricia Davies
- Increasing Noise Awareness in Society
  - Brigitte Schulte-Fortkamp
  - William J Murphy
- Noise at Sporting Events and Sports Venues
  - Daniel Russel
  - William J Murphy
- Soundscape and Its Application Based on the New Standard
  - Brigitte Schulte-Fortkamp
  - Klaus Genuit
  - Bennett Brooks
- Structure-borne Noise in Buildings and What We Can Do About It
  - James Phillips
  - Bonnie Schnitta
- Volunteer wanted for Young Investigator Best Paper Awards
  - Will work with session chairs to distribute and collect the papers
    - Session chairs can recruit help to coordinate within the room

## Fall 2019, San Diego, CA Meeting Proposed Sessions

- TPOM:
- Link below to submit 1-sentence summary of sessions (Give to James Phillips by Friday morning to present to Technical Council)  
<https://tinyurl.com/SanDiegoSpecialSession>
- Supersonic Jet Aeroacoustics (likely full day)
  - Alan Wall
  - Kent Gee
- Sonic Boom (joint with PA) (confirmed by email)
  - Jonathan Rathsam
  - Larry Cliatt, NASA Armstrong Flight Research Center
- Transportation Noise
  - Bonnie Schnitta
  - James Phillips
- Community Noise
  - Eric Reuter
  - Dave Woolworth
- Standards
  - Chris Struck
  - Interdisciplinary Session
  - **Chris:** Noise-related topic is welcome to be joint with Noise
- Outdoor Entertainment Noise
  - David Manley
  - Tony Hoover

## Future Meetings

- Spring 2020 Chicago IL
  - <https://tinyurl.com/ChicagoTentativeSession>
  - Hearing Protection
    - Cameron Fackler
    - Elliott Berger
    - William Murphy
  - Forty-one years of responding to external stimuli: a session in honor of Elliott Berger
    - Cameron Fackler
    - Laurie Wells
    - William Murphy
  - Vehicle Noise
    - Patricia Davies (?)
  - Perception of Vehicle Noise
    - Klaus Genuit



- Hales Swift
- Fall 2020, Cancun, Mexico

**New Business**

**Adjourn**