

ACOUSTICAL SOCIETY OF AMERICA

161st Meeting

Seattle, WA

TC Noise Meeting Minutes

Tues, 24 May 2011, 8 p.m.

Willow B

Nancy Timmerman, Chair

Alan T. Wall, Scribe/Student Council Representative

1. Welcome to members, guests, students

- Please mark attendance list and verify your contact information

2. Minutes from Cancun: There were no corrections noted. *Paul Schomer moved approval.*

- *Rich McKinley seconded. The vote was unanimous (in favor).*

3. Reports

a) Membership Report (Ken Roy/Bennett Brooks):

New Fellow at this meeting -- Giora Rosenhouse

b) Medals & Awards (Angelo Campanella/Nancy Timmerman)

c) Young Presenters (Eric Reuter): 16 applicants at this meeting

In Cancun, the award went to Alan Wall of Brigham Young University for his presentation:

"Considerations for near-field acoustical inverse measurements on partially correlated sources."

d) Student Council (Alan Wall): Welcome students

- *Monday activities are New Student Orientation Session, Student Icebreaker and Student Outing (Attend in San Diego!). Wednesday night there is a Student Forum from 6 to 6:30 in the Aspen Room, followed by the Student Reception from 6:30 to 8 in the Cirrus Room, followed by the "Student Outing" which will be the ASA Jam Session at 8 pm in the Willow Room.*
- *Check out the twitter feed (@asastudents) for updates to student activities all week*
- *Nominations for the next ASA Student Council Mentor Award are due July 15, 2011. Look online at the ASA student website for more information (www.studentzone.org).*
- *There is free meeting preregistration for non-member undergraduate students. Sign up to receive emails with student-specific information (also on the ASA website).*
- *The Student Council hosted or co-hosted the following special sessions: "Introduction to Technical Committee Research and Activities: Especially for Students and First-Time Meeting Attendees" on Monday afternoon and "Effective Communication between Scientists and the Media" on Wednesday at 8:25 am in Grand Ballroom D.*
- *The Student Council position will open for the following TCs: Signal Processing, Acoustical Oceanography, and Speech Communication.*

e) This meeting:

Thomas Matula, Chair; Eric Thorsos, Technical Program Chair

TPOM representative: Jerry Lilly

Session Chairs and Organizers: (Alexandra Loubeau, Edward Nykasa, Erica Ryherd, Jonathan Rathsam, Larry Finegold, George Luz, Richard L. McKinley, Siu-Kit Lau, Kai Ming Li, Edward Duncan, Kenneth Kaliski, Joel Lewitz, Steven Pettyjohn, Scott Sommerfeldt, Kent Gee, Kurt Fristrup, Paul D. Schomer, William J. Murphy, and Charles Hayden)

9 noise-led sessions. Comments?

- *The mechanical system was wonderfully quiet.*
- *The room had a poorly isolating divider with the adjacent space.*

- *The assisted listening system was available in every session, but have it stream through the existing microphone instead of requiring a second microphone. (Lou Sutherland)*
- f) Women in Acoustics (Erica Ryherd)
- *If you are a young investigator, apply for travel funding (awarded by the committee). There is a new website. There will be a bulletin board in San Deigo. There are many activities ongoing, including Girl Scouts outreach.*
- g) Regional Committees (Erica Ryherd)
- *Almost every year, a student chapter is added. If you are interested in starting or reviving a regional chapter, there is available funding (Speak with Erica Ryherd). There is a new regional chapters website to visit.*
- h) Panel on Public Policy (Michelle Vigeant)
- *There is a human rights coalition meeting tomorrow in the Cedar room (see also below).*
 - *The most important issue is that the panel wants a subcommittee to address wind turbine noise. Nancy Timmerman will chair this subcommittee. Contact her if you want to be involved. There is a special Noise session on Wind Turbines on Wednesday morning.*
- i) Committee on Meetings: How to propose chairing a meeting in your area (Meetings tab)
- j) Other committees? *None.*

4. Announcements

- a) Education Activities (Wendy Adams)
- i) Update the Graduate Programs List at [asaprograms at gmail.com](mailto:asaprograms@gmail.com)
 - ii) Volunteers for career profiles (contact Wendy at [wendy.adams at colorado.edu](mailto:wendy.adams@colorado.edu))
- b) New AIP/ASA Congressional Science and Engineering Fellow: Makensie Lystrup
- c) AAAS Human Rights Survey meeting: W at 5:30 pm, Cedar Room. Open
- d) Report on Green International Code Council (Noral Stewart)
- *The comments submitted were endorsed by NCAC, ASTM, INCE, and an ASHRAE Technical Committee. David Marsh, Ken Roy, and Amy Costello were present last week at the code hearing. There are potential problems in classroom acoustics, because of the language in the Standard. Some additional comments which were submitted still need approval. The group was asked to try to include language on indoor/outdoor noise reduction in noisy environments. There will be a final vote in November in Phoenix, Arizona.*
- e) Michiko So/Larry Finegold
- *There was a motion by Steve Pettyjohn, seconded by Rich McKinley to send contact Larry Finegold and express our sympathies at his loss. It was suggested that it go on ASA letterhead. The vote was unanimous (in favor).*

5. Publications and Standards

- a) JASA Associate Editors (AEs) for Noise (B. S. Cazzolato, Ken Cunefare, K. V. Horoshenkov, Vladimi Ostashev, Brigitte Schulte-Fortkamp)
- Change: Ken Cunefare is going off as AE; Sanford Fidell is going on as AE. Ken was recognized for his service.
- b) JASA Express Letters (EL) Associate Editor for Noise (Mike Stinson)
- *JASA EL is growing rapidly, but Noise doesn't use making use of it as much as some other Technical Committees.*
- c) POMA (Kent Gee) -- Kent is now chair of POMA!
- *Alexandra Loubeau is the new AE for Noise.*

- Kent requested feedback on the following items:
 - Is POMA worthwhile?
 - What about the flexible format?
 - Is “reviewed” status important?
 - Is an editor-reviewed process sufficiently rigorous?
 - What suggestions do you have to improve POMA?
 - These were the responses:
 - This is not a full peer-reviewed process.
 - Rich McKinley: It is worthwhile. It is great to be flexible. We need to advertise it more. Two years after a meeting, you have a booklet of submissions.
 - Hales Swift: Will submissions link to abstract? [Not currently.] That would make it more attractive. There is effort to expand into search engines.
 - Noral Stewart: I like the flexibility. EL is the next step. It can be published again as a peer-reviewed paper.
 - Those with academic interest can secure their contribution, and have a time window in which to publish.
 - Roger Schwenke: It should not be reviewed more stringently than when you propose to give a paper, or it is not a proceedings.
 - POMA is online only, because it is free. There is a volume of POMA published, just like JASA. It is found under ASA publications.
 - The status was explained:
 - POMA is a place to permanently archive a paper version of conference talks
 - There are 11 volumes (including ASA-affiliated conferences)
 - The submission window is two years from the date of the conference.
 - There is a high acceptance rate.
 - "Would you be more or less likely to publish in POMA if it were peer-reviewed?" – VOTE
 - Clarification: full peer review, as opposed to the current system.
 - More likely: 0
 - Less-likely: Everybody else.
 - Same: 4
- d) Standards (Paul Schomer)
- The Standards Committee is moving ahead in international standards with the formation of a new underwater acoustics subcommittee (Subcommittee 3), giving a venue for other committees to participate, such as structural, engineering, underwater, animal bioacoustics, and acoustical oceanography.
- e) PACS (Ralph Muehleisen, Pat Davies): Meeting Thursday morning
- Change from old to new classification.
- f) ASACOS (Rich Peppin/Bob Hellweg):
- Reminder each ASA member can get 5 free standards a year. Code was sent to you upon membership renewal. If you forgot the code, go to ASA web and contact “citation help.”

6. Future Meetings

a) Fall, San Diego, CA, 31 Oct to 4 Nov 2011, Town & Country

Michael Buckingham, Chair, Peter Gerstoff, Technical Program Chair

1. Impact of new EPA regulation on hearing protection (William Murphy) - with ASACOS
2. Launch Vehicle Noise (Kent Gee and R. Jeremy Kenny)
3. Noise Impacts in Quiet Residential Communities (Richard Horonjeff) - with ASACOS
4. New Advances in Bone and/or Tissue Conduction of Noise - joint with P&P and SC (Richard L. McKinley)

The call for papers is out.

The TPOM is 15-16 July, 2011. Ann Bowles is our TPOM representative.

- *Roger Schwenke would like to arrange technical tour of a new music building in San Diego. He was told to contact the meeting organizers. This was done.*

b) Spring, 2012 (13-18 May) Hong Kong proposed (Joint with WESPAC)

Whitlow Au, ASA Co-Chair, Lisa Zurk, ASA Technical Program Co-Chair, Charles Schmid, General Vice Chair. Noise representatives: Lixi Huang and Mike Stinson

Abstracts due November, 2011

TPOM in December, 2011 in Hong Kong (Brigitte Schulte-Fortkamp will represent Noise)

These special sessions were finalized for this meeting:

1. Aircraft cabin noise (Bilong Liu and Anders Nillson)
2. Impulsive noise exposure metrics: Development and validation (Richard McKinley)
3. Noise effects on occupant comfort and performance in buildings (Lily Wang, C. M. Mak)
4. Assessment and measurement of park soundscapes (Paul Schomer and Andre Fiebig, Kin Che Lam)
5. Future of Acoustics: East and West (Brigitte Schulte-Fortkamp, Michael Buckingham) - joint with AO.
6. Soundscape applications (Brigitte Schulte-Fortkamp, Kin Che Lam) - joint with AA.
7. Environmental Noise and Regulations (Bob Hellweg and Paul Schomer, Maurice Yeung)
8. Application of GIS (Geographic Information Systems) to Manage and Control Urban Noise (Jian Kang, C. W. Law)
9. Active Noise Control (Siu-Kit 'Eddie' Lau, Xiaoding Li)
10. Numerical Methods in Noise (R.C.K. Leung and Ke Liu)
11. Vibration damping in Noise Control (Wilson Ho)
12. Noise Source Localization (David Woolworth, Jun Yang and S. K. Tang)
13. Annoyance & Noise Health Effects (Klaus Genuit, K. C. Lam)
14. Vibrations and Structure-borne Noise in Buildings (James Phillips, C. M. Mak)
15. Heavy Machines & Plants (Hongwei Liu)
16. Ground Transportation Noise (David Woolworth, W. T. Hung and Wilson Ho)

Comments:

- *There is expected to be low-cost housing available for students. Hotel rooms are \$99 to \$ 500, but there are hostels at \$ 40 per night.*
- *Lou Sutherland feels that there are too many special sessions in Hong Kong. (Hopefully some will fall out).*
- *Mike Stinson noted that noise is very important to those in Hong Kong, so overlapping sessions may be okay.*

c) Fall, 2012, Kansas City, MO (20-26 Oct)

Robert Coffeen, Chair

The following special sessions were proposed for Kansas City:

1. *Advances in instrumentation (Eric Reuter, Matt Golden)*
2. *Passive and Active noise reduction in hearing protection (Rich McKinley)*

3. *Sound quality, Sound Design & Soundscape (Brigitte Schulte-Fortkamp, Bennett Brooks, and Klaus Genuit)*
4. *Outdoor sound propagation (Siu-Kit Lau)*
5. *Soundscape Workshop (Bennett Brooks and Jian Kang)*
6. *Action and effectiveness in classroom acoustics (David Lubman and Lou Sutherland)*

d) Spring, Montreal, Canada, 2-7 June 2013, Joint meeting with ASA/ICA/CAA
Mike Stinson, Chair, Luc Mongeau, Technical Program Chair

The following special session was proposed for Montreal:

1. *Wind Turbine Noise*

e) Fall, 2013, possibly Florida

f) Spring, 2014 (14-18 May), Providence, RI, James H. Miller, Chair

g) Fall, 2014 (27-31 Oct), Indianapolis, IN

7. Technical Council (Nancy Timmerman)

- a) Methods to elect TC representatives to the Student Council (2 year terms)
 - *The TC needs to consider how to select representatives to the Student Council, keeping in mind that Alan Wall has 1 more year.*
- b) Methods to elect chairs of ASA Technical Committees: the current methods are published.
- c) Review articles for JASA: proposal to form subcommittee to supply Allan with names/topics?
 - *It was clarified that review articles in JASA are invited by the editor on recommendation of knowledgeable people in the field. After considerable discussion, it was decided that TC/NS did not wish to have a subcommittee for this purpose, but the Chair could appoint people to generate a list of potential authors.*
- d) Student ASA registrations at Hong Kong covered by ASA, if the student is a (co-)author
 - *This announcement is for students who are authors or co-authors. It is available to students who are attending US institutions but who are from asia (or from the US).*
 - e) Concern about dues transition for students to full member. This occurs after five years.

8. Webpage: ASA has a new webpage: need to transition TC websites.

- *The Noise Technical Committee website is out of date. It may be time to transition it over to ASA, working with Scott Thompson. Les Blomberg (who has been handling our website) has been busy.*

9. Technical initiatives

- a) San Diego travel support, YI award, webpage (these are standard)
- b) Hong Kong travel support, YI award, webpage (these are standard)
- c) National Public Awareness Program (Larry Finegold) - form in (\$ 1,250)
The money for this meeting was spent.
- d) Urban Design with Soundscape in Mind (Brigitte Schulte-Fortkamp) - form in (\$ 3,000)
This money was for the Seattle meeting.
- e) Urban Design with Soundscape in Mind (Bennett Brooks) - (\$ 3,000)

■ *Bennett Brooks proposed "Urban Design with Soundscape in Mind" for Kansas City for \$3,000. Rich McKinley seconded. This is a continuation of the innovation funding which was held in Baltimore, and Seattle. It is a day of presentations with city planners. The vote (in favor) was unanimous.*

10. New Business:

- a) David Lubman noted that there are LEED credits for schools planned for July, 2012. These credits take effect when the background noise level of is 40 dBA, with extra credits for 35 dBA. He requested giving support for the change. He would also like to have TCAA, ■P & P, and Speech Communication participate, and have an official ASA position. *Steve Pettyjohn moved that the committee support David Lubman's proposal, and that David prepare the written material to be sent. Lou Sutherland seconded. The vote was unanimous (in favor).*
- b) There was an announcement of a new book on noise coming out.

11. Next Meeting: San Diego (November, 2011)

- *Thursday night will be requested.*

Adjourn

■ Votes

Attendees: Bennett Brooks, Kenneth Cunefare, Eddie Duncan, Hilary Gallagher, Kent Gee, Klaus Genuit, Kenneth Good, Robert Hellweg, Ana Jaramillo, Siu-Kit Lau, Stephen Lind, David Lubman, George Luz, Richard L. McKinley, William J. Murphy, Steven Pettyjohn, Normann Phillip, Jack Randorff, Eric Reuter, Kenneth Roy, Paul Schomer, Brigitte Schulte-Fortkamp, Scott Sommerfeldt, Kerrie Standlee, Noral Stewart, Michael Stinson, Lou Sutherland, David Sykes, Nancy Timmerman, Alan T. Wall, Douglas Winker, David Woolworth, Ning Xiang, William Palmer, Jian Kang, Mandy Kuchur, Noel Hart, Lauren Ronsse, Hales Swift, Tom Noble, Bao Tong, Joel Lewitz, Carl Hart, Alexandra Loubeau, Jonathan Rathsam, Erica Ryherd, James Holtrop, Tony Hoover, Emily Eros, Isaac Old, Ken Kaliski, James Esplin, Roger Schwenke, Sean Browne, James Phillips, and Arnav Pamidighantam.