

ACOUSTICAL SOCIETY OF AMERICA
160th Meeting
Cancun, Mexico
TC Noise Meeting – (minutes by Alan Wall)
Thu, 18 November 2010, 7:30 p.m.
Coral Kingdom 1
Nancy Timmerman, Chair

The meeting started at 7:30 pm.

1. Welcome to members, guests, and students. Please mark the attendance list and verify your contact information.

2. Minutes from Baltimore: Rich McKinley motioned that the minutes be approved as corrected. Scott Sommerfeldt seconded. The motion was approved unanimously.

3. Reports

a) Membership Report (Ken Roy): There is a new Fellow at this meeting -- Noral D. Stewart. If you are interested in proposing current members of this TC to become Fellows, they are listed on the attendance sheet with no "F" after name.

b) Medals & Awards (Angelo Campanella): A meeting was held, and decisions made. There is no further information at this time.

c) Young Presenters (Mike Stinson/Nancy Timmerman): There were 12 applicants at this meeting.

In Baltimore awards went to these presenters for their presentations:

1. Colin Jemmott, Penn State, for "Survey of ambient noise in aquariums",
2. Julia Vernon Brigham Young, for "Measurements of exploding balloon demonstrations", and
3. Cole Duke, Brigham Young, for "Active control of axial fan noise using a multi-input multi-output feedback controller".

For this meeting 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! There was a new student orientation on Monday, followed by ice-breaker and outing. Regarding the Student Forum Wednesday, the room was too small, and lacking in attendance by professional members. A social and outing followed. New students may be paired with students who have attended meetings previously. Student email sign-up is available. Please submit post-doc opportunities for student website posting.

e) This meeting:

Meeting Chairs: James E. West (ASA), Samir Gerges (IFA), Sergio Beristain (MIA)
Technical Program Chair: Mark Hamilton
TPOM representative: Angelo Campanella
Session Chairs and Organizers: (Angelo Campanella, Christopher Rooke, Sergio Beristain, Martha G. Orozco, Bennett Brooks, Brigitte Schulte-Fortkamp, Fernando Elizondo-Garza, Jorge P. Arenas, Paul D. Schomer, and Andre Fiebig)

Those present stood to be recognized. There were seven (7) noise-led sessions. Comments on this meeting were: 1) no computer in TC rooms (Nancy Timmerman), 2) there could be better communication for change of venue (Ken Good), 3) too many no-shows (Brigitte), 4) many papers were presented in Spanish only; so establish a rule that Spanish be allowed, if the abstract written in Spanish; and denote in program which languages will be used (Angelo Campanella), 5) there was lots of photography--chairs should remind audience members that this is against the rules, and 6) to upload presentation, we don't have code--please send out instructions to access in email as well.

f) Women in Acoustics (Erica Ryherd): The Committee is updating its website. There will be article on WIA in *Acoustics Today*. More woman are to be invited to give short tutorials and lectures. There will be Girl Scouts at next social.

g) Regional Committees (Erica Ryherd): There are quite a few chapters. Visit the website which has a map with your nearby chapter. If there is no chapter in your area, there is information on the website on how to begin one.

4. Announcements:

a) ASA has hired Wendy Adams as ASA Education Coordinator. She has put up posters for students.

b) OSHA Federal Register announcement (October 19) on feasible engineering controls. The public comment period is open (information has been sent). OSHA proposes changing definition of "feasible" to what it was before it was last changed in the '80s. This would cause "feasible" to be interpreted as "can be done. Any motions now? Let's do this by email and respond individually. No action taken at this time.

5. Publications and Standards

a) JASA Associate Editors for Noise (B. S. Cazzolato, Ken Cunefare, K. V. Horoshenkov, Vladimir Ostashev, Brigitte Schulte-Fortkamp): Brigitte reported that there are currently eighteen (18) papers being reviewed. Allan Pierce (the editor) has a concern about software programs used in articles that are not vetted in JASA.

b) JASA Express Letters Associate Editor for Noise (Mike Stinson): Mike reported that articles may include multimedia presentations. There are about 130 papers per year submitted. Noise is underrepresented. Please consider publishing in this way.

c) POMA (Kent Gee): Kent reported that this is an Editor-reviewed conference proceeding. It is worthwhile for students and "bean-counting". Allan Pierce's and Ralph Muehleisen's are good, simple examples.

d) Standards (Paul Schomer): There is a movement to establish underwater section within the Standards area.

e) PACS (Ralph Muehleisen, Pat Davies): Ralph reported that they are working with Allan Pierce to create keyword system. Preliminary has been work performed. Architectural Acoustics has done one. The transition for us should be straightforward. The meeting in Cancun was cancelled by Allen Pierce, but there will be one in Seattle. We will find those who have been doing a lot of publishing to begin. INCE also has a successful example. There will be action to be taken in Seattle.

f) ASACOS (Rich Peppin): Nothing to 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." Next meetings are in May (Seattle).

g) CD-ROM for JASA? (2100/7000) -- numbers requested

How many on this committee get CD-ROM?: 11.

How many want to continue to receive?: (Of the 11, 3 are willing to give up CD, 5 want to keep it on CD. The remainder abstain.

h) Call for papers in paper format or on line? -- poll requested

How many are willing to have call appear only online?: 28 (after a re-vote)

How many want the paper copy mailed?: 3 (after a re-vote)

Scott Sommerfeldt. Where is this coming from? Save paper. Can we shorten the time between call for papers and the meeting? We could reduce minimum time needed to prepare for meeting by three or four weeks.

Rich McKinley: You may miss those who are not members by making this change.

Angelo: What about mailing less paper, such as a list of special sessions only?

Noral: A third option is some kind of reminder.

Scott Sommerfeldt: The real question is do we go electronic or paper? There will still be a reminder sent out.

i) Printed program with JASA or on line in PDF? -- poll requested

Nancy: Printing of book takes so long, that there is less time between one meeting and the next call for papers. A program will be available at the meeting and by request.

Angelo: Many of us depend on program to make travel plans. Would it be available at the same time online? Yes.

Scott Sommerfeldt: If it did not have to be available in print, it could still be available online just as early, perhaps earlier. It would save mostly on printing and shipping time.

Keith Attenborough: The way it is currently online is not very useful. We need something originally set in LaTeX, to make it searchable.

Ralph: It should be available soon after TPOM.

It would be nice to have an iPhone app, to search at the meeting.

Kent Gee: APS (maybe?) has an app in some format that is very nice to have. The money saved on printing should go towards an app.

How many still want printed program before meeting?: 8

How many need only PDF (searchable)?: 22

j) Public Policy Committee: Angelo reported that the Committee has recommended that ASA take the lead on studying noise on wind turbines to formulate a policy. The noise is both on land and on the sea, due to mechanical vibrations coupled with water. We need to have a position. Is anyone willing to help with this?

6. Future Meetings

a) Spring, Seattle, WA, 23-27 May 2011, Sheraton

Thomas Matula, Chair, Eric Thorsos, Technical Program Chair

The call for papers has been printed. The abstract deadline is December 20.

Planned Noise sessions are:

- 1) Acoustic Modeling for Complex Environments (Siu-Kit Lau)--with Physical Acoustics
- 2) Aircraft Flyover Noise Measurement and Source Modeling (Richard McKinley)--with ASACOS and Physical Acoustics
- 3) Analysis and Control of Information Technology Noise (Scott Sommerfeldt, Kent Gee)

- 4) Community Noise Impact, Criteria, Mitigation from Outdoor Concert Venues (Steven Pettyjohn, Joel Lewitz)--joint with AA and MA
- 5) Indoor Psychoacoustic Response to Outdoor Noise Sources (Alexandra Loubeau, Edward Nykaza, Erica Ryherd, and Jonathan Rathsam)
- 6) Occupational Noise Exposure Assessment to Intervention (William Murphy, Charles Hayden)-
-joint with ASACOS and P&P
- 7) Public Outreach Workshop on Community Noise (Larry Finegold)--joint with Education in Acoustics
- 8) Second Life Structures: Issues in the Repurposing of Buildings (Norman H. Philipp)--joint with AA
- 9) Wind turbine noise (Edward C. Duncan, Kenneth H. Kaliski)--joint with ASACOS, PA, AB, and UW
- 10) Paul Schomer: Noise in wilderness areas--joint with ASACOS

----Sessions prime in other committees which NS is co-sponsoring

- 11) Plumbing noise (David Adams)--AA is prime
- 12) Acoustics of green buildings (David Sykes, Brandon Tinianov, Ralph Muehleisen)--AA is prime
- 13) Soundscape: Standardization and implementation (Bennett Brooks, Gary Siebein)--AA is prime, joint also with ASACOS
- 14) Speech Privacy (Eric Reuter)--AA is prime
- 15) Sensors and Systems for Acoustic Detection, Localization, and Characterization of Underground Structures, Objects and Tunnels (Michael Scanlon)--EA prime, also joint with SP and PA
- 16) Ambient Noise and Marine Mammals (Michael Porter, Christian de Moustier)--AB prime, also joint with UW
- 17) Designing Quiet Composite Structures (Gopal Mathur)--SA prime, also joint with EA

TPOM (14-15 Jan 2012) rep: Jerry Lilly

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

Michael Buckingham, Chair, Peter Gerstoft, Technical Program Chair

1. Impact of new EPA regulation on hearing protection (William Murphy)
2. Launch Vehicle Noise (Kent Gee)
3. Noise Impacts in Quiet Residential Communities (Richard Horonjeff)
4. ~~Hospital paging announcements, and alarms (TBD)~~. No one volunteered to chair. Strike from schedule.
5. New Advances in Bone and/or tissue conduction of noise (Richard McKinley)

TPOM (Date not set): Ann Bowles

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

K.C. Lam from Hong Kong reported that this will be a large event, with 1000 to 2000 people expected from all over the world. Ideas for sessions are welcome. There was a request for a volunteer liaison for Noise. Siu-Kit (Eddie) Lau expressed interest, and stated that he was helping with Education in Acoustics.

Whitlow Au, ASA Co-Chair, Lisa Zurk, ASA Technical Program Co-Chair, Charles Schmid, General Vice Chair. Tom Ho, Maurice Yeung and K.C. Lam from HKIOA.

Solicit and select special sessions.

1. Noise Effects on Occupant Comfort and Performance in Buildings (L. Wang)
2. Soundscape application (K.C. Lam, Brigitte S-F)
3. Park noise (Paul Schomer, A. Fiebig)
4. Impulsive noise exposure metrics: Development and Validation (Richard McKinley)
5. Health Care Facilities (Erica R., Ken Roy) AA/NS
6. Multi-family Housing (Angelo Campanella) AA/NS

d) Fall, 2012, Kansas City, MO approved

e) Spring, Montreal, Canada, June 2013. Joint meeting with ASA/ICA/CAA

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

7. Technical Council (Nancy Timmerman)

a) Congressional Science and Engineering Fellow--about \$65,000/yr + travel--Due 15 January

b) Photography is not allowed at sessions unless pre-approved by the Vice President (ASA)

c) International Year of Acoustics?: Kent Gee suggested there could be support from BYU; a good outreach opportunity for selling educational kits, etc. Scott Sommerfeldt suggested making it an anniversary event, linking it with what something that happened 50, 75 or 100 years ago. There were 10 people generally in favor; none against; but most didn't care.

d) Summer education in conjunction with a meeting

e) AIP State Department Fellow (Applications due 1 November 2011)

f) Quiet America Symposium (April, Wash., DC)--request endorsement. The symposium is as a result of the NAE report, "Technologies for a Quieter America", which was released in October. Several members of the committee are already involved. The names of those on the Advisory board were read, as was some of the official announcement. There were serious concerns raised by the TC with lending support. Rich McKinley moved to allow for the use of the ASA logo in the symposium. Ralph Muehleisen seconded. The vote was split. In favor: 10
Opposed: 7 Abstentions: 8. Passed.

8. Webpage: ASA has a new webpage. It has been demonstrated at Cancun. The launch is expected to be December 8th.

9. Technical initiatives

a) Seattle travel support, award, webpage (these are standard)

b) San Diego travel support, award, webpage (these are standard)

c) Request from Noise Pollution Clearinghouse for funding: There was no interest expressed and no amount specified.

d) ICBEN 2011 (24-28 July), Imperial College, London: ICBEN is International Congress of Biological Effects of Noise. They too want funding. The minimum amount was 1000 pounds. No support was expressed.

e) Innovation funding (Portland, Baltimore): This activity was pursued by Kerrie Standlee at Portland and Baltimore. Brigitte requested \$ 3000 in support of a continuation of this initiative, which discussed urban design of a soundscape environment with city planners and other government officials. Are we in support, and is there a volunteer to lead this initiative?

Ralph moved we support this Technical initiative. Rich McKinley seconded. The vote was unanimous in favor.

10. New Business

a) Proposal for new Forensics Technical Specialty Group: No one in the group was interested.

b) International Code Council--Noral Stewart

An International Green Construction code is proposed, which includes an acoustics section. Many comments contributed by ASA and participants were ignored. It has been suggested that there be a single set of comments endorsed by ASA and other organizations. Comments are due December 3. Comments from us are due by Thanksgiving. Will ASA allow us to make comments endorsed by ASA? Ralph moved that we approve that ASA will put their name behind whatever comments Noral's committee puts out. Rich McKinley second. The vote was unanimous in favor.

c) No other new business.

The next meeting will be in Seattle on Thursday night.

The meeting adjourned at 9:15 pm.

Attendees: Michael Asheim, Kelly Aston, Keith Attenborough, Chris Barnobi, Dick Botteldooren, Angelo Campanella, Alexander Case, Jesse Ehnert, Fernando J. Elizondo, Hugo Fastl, Andre Fiebig, Hilary Gallagher, Kent Gee, Kenneth W. Good, Ana Jaramillo, Siu-Kit Lau, Richard McKinley, Ralph T. Muehleisen, Norman Philipp, Christopher Rooke, Kenneth P. Roy, Erica E. Ryherd, Brigitte Schulte-Fortkamp, Scott Sommerfeldt, Noral Stewart, Michael R. Stinson, Nancy S. Timmerman, Michelle Vigeant, Alan T. Wall, Douglas Winker, Kimberly Pollard, Laura Wilber, Steve Ryherd, Michael Ermann, Robin Lin, Olga Umnova, Imran Bashir, Alice Elizabeth Gonzalez, Justin Lau, Joachim Scheuren, Carl Hart, Kin Che Lam.