

## **ACOUSTICAL SOCIETY OF AMERICA**

157th Meeting Portland, Oregon  
TC Noise  
Thu, 21 May, 7:30 p.m.-8.40 pm  
Parlor B/C

### **TC Noise Chair: Brigitte Schulte-Fortkamp**

1. Welcome to members, guests, students, first attendances
2. Minutes – Miami approved
3. Announcements:

#### **Congratulations to:**

Clinton Francis, Dept. of Ecology and Evolutionary Biology, University of Colorado

Young presenter who received awards at the Miami meeting:

“The effects of gas well compressor noise on nesting birds in pinyon-juniper woodlands”

#### **Winners of Innovative Project competition**

#### **Thanks to:**

Meeting Chair Lisa Zurk, Technical Program Chairs Marjorie Leek,  
other Meeting Officials,

TPOM representative: Kerrie Standlee

Organizers of Special Sessions and Session chairs: John Erdreich, James E.

Phillips, Erica Ryherd, Michael Stocker, Kerrie Standlee, Paul Schomer,

Brigitte Schulte-Fortkamp, Nancy Timmerman

All presenters

Scribe: Cole Duke

## **5. Program Planning**

### **a.) San Antonio, TX, October 26-30 , Hyatt Regency River Walk**

Sessions: the call is in the mail

-Advancements in noise control in Latin America

-Acoustics and public policy

-Advancements in Soundscape applications and standards

-Annoyance of vehicle exterior noise (postponed to Baltimore-titled: Standards in Psychoacoustics)

-Sustainable building systems and acoustic performance

-Transportation noise

**BUT we need a TPOM rep for July 10/11 2009:**

Nancy Timmerman – our incoming TCN – chair will get in touch with the proposed

members : Arno Bommer, Elmer Hixson, Pamela Harght, Bob Bruce or Jeff Schmidt

**b) Spring, Baltimore, MD, April 19-23, 2010 joint with Noise Con**

As this meeting is joint with INCE/ Noise Con, abstract submitters will can submit proceedings papers along with their abstracts. It is not required.

- 1) Metrics for environmental noise assessment and control; alternatives to A weighting (Paul Schomer, Andre Fiebig)
- 2) Noise on humans and non-human animals (Ann Bowles, Brigitte Schulte-Fortkamp) TC N and TC AB)
- 3a) Urban Design with Soundscape in Mind (Symposium Kerrie Standlee, Brigitte Schulte-Fortkamp, Bennett Brooks)
- 3b) Outreach Symposium Noise Effects in Community Noise ( L. Finegold, NN)ASACOS, S12
- 4) Low frequency noise (Natalia V. Sizov, Detlef Krahe)
- 5) Military Noise in Environment –continuous and impulsive (Richard McKinley)
- 6) Acoustics and public policy (Nancy Timmerman)
- 7) Ventilation, fan, and duct noise control (Lixi Huang)
- 8) Standards in Psychoacoustics (Klaus Genuit)
- 9) Sonic boom (TC Noise and TC Structural acoustics and Vibration, Physical will be the lead)
- 10) The Wind Turbine Noise (Bob Hellweg)
- 11) Soundscapes of spiritually significant spaces- Prayers's garden- ( George Luz)
- 12) Soundscape "Concert" ( Alex Case, Brigitte Schulte-Fortkamp)
- 13) Healthcare (Ken Roy, Erica Ryherd) TCAA
- 14) Rocket Noise Environment (Kent Gee)
- 15) Outdoor Barrier and Effects on the Fassade (Siu-Kit Lau)
- 16) Acoustics of Green Buildings (TCAA will be the lead)

**TPOM rep Dec 11/12) Brigitte Schulte-Fortkamp**

**c.) 2010 Fall; Joint ASA/IMA/FIA Cancun, Mexico, November 15-19, Fiesta Americana**

- Soundscape in Progress: Application in Communities (Bennett Brooks, Brigitte Schulte-Fortkamp)
- Sonic crystals (perhaps joint with noise)
- High Performance hearing protection (Richard McKinley)
- International Classroom acoustics (David Lubman)
- Archeological Acoustics (David Lubman)

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**d) 2013 June, Joint meeting with ASA/ICA in Montreal, Canada**

## 6. Reports

- a) Technical Council (Brigitte Schulte-Fortkamp)
- b) JASA Associate Editors for Noise (Kenneth A. Cunefare, Kirill V. Horoshenkov, Brigitte Schulte-Fortkamp) "in the moment 13 papers pending" and "sometimes it is quite difficult to find reviewers"
- c) JASA Express Letters Associate Editor for Noise (Mike Stinson):  
"We need more Noise submissions"
- d) POMA: (Kent L. Gee) We need more Noise submissions
- e) Medals & Awards (Nancy Timmerman) : "The frequency of Silver Medals awards will remain the same for TC Noise."
- f) Membership (Bennett Brooks) "We have no candidate for Fellowship! I would like to encourage the TCN members to nominate people you feel deserving of this honor! You do not have to be a Fellow to nominate a fellow. But two fellows will be need in the process of writing a letter and seconding the letter." See me to learn the procedure!
- g) ASACOS (Rich Peppin is kindly asked to send the report in)
- h) Young Presenters ( at this mtg Brigitte Schulte-Fortkamp) 11 appliers
- i) Classroom Acoustics Tech Initiatives (Lou Sutherland, David Lubman)
- j) Report of the joint subcommittee TC-AA.NS.SC (submitted May 7, 2009 by the co-chairs, David Sykes and Gregory Tocci):  
This joint sub-committee has about 500 participants and was formed in 2005 by Bill Cavanaugh FASA & INCE Bd. Cert., David Sykes ASA & INCE and Greg Tocci FASA/INCE Bd Cert. The chairs are Sykes and Tocci.  
It was formed to respond to a request from the American Institute of Architects and the American Hospital Association, two groups that sought professional assistance in developing comprehensive, standards-based acoustical criteria for healthcare facilities. Drafting began in 2005 and was completed by June 2006 though negotiations continue. In March 2006, the committee also gained recognition as ANSI S12WG44 and undertook drafting of a new standard, which is currently in process. Currently TC-AA.NS.SC is involved in several activities the goals of which are to: (a) "harmonize" acoustical criteria across several large policy groups and governmental agencies, and (b) "teach" architectural acoustics to interested groups that will be involved in implementing the new criteria, and (c) develop new standards. The committee's current activities are:
  1. Managing a public-information website ([www.healthcareacoustics.org](http://www.healthcareacoustics.org)) from which its work products can be downloaded; the website reaches approximately 50,000 people monthly in ten constituencies.
  2. Organizing "symposia" (the group's third symposium was held this past Monday, May 18 in Portland OR, and was called "Acoustics of Green Buildings," co-chaired by Brandon Tinianov. The committee's 2008 symposium was held in Paris on the subject of healthcare acoustics); the group has also organized expert panels for the AIA National Conference, the Center for Health Design Conference, the USGBC's national Green Build Conference, the ASHE-PDC national conference, and others.
  3. Completing negotiations on the language of the 38-page "Interim Guideline on Noise and Vibration for Hospitals and Healthcare Facilities" which will be included in the code-level,

national document called the "FGI/ASHE Guidelines for Design and Construction of Hospitals and Healthcare Facilities" which is accepted as code in 47 states and 7 federal agencies. The document has been accepted as written following several formal rounds of public review. (see: [www.fgi-guidelines.org](http://www.fgi-guidelines.org)).

4. Coordinating the adoption of the new acoustical guidelines by the Green Guide for Healthcare, which was released in February 2007 as a "pilot phase" for the U.S. Green Building Council's LEED for Healthcare Rating System following two additional rounds of public review (see [www.gghc.org](http://www.gghc.org)).

5. Coordinating the adoption of the acoustical guidelines by the U.S. Green Building Council's LEED for Healthcare (due out in 2009). This process was completed following two rounds of public review in April 2009, prior to the release of LEED 2009 on April 27. (see: [www.usgbc.org](http://www.usgbc.org)).

6. Organizing and securing funding for research on the impacts of acoustics on human subjects with faculty at Harvard Medical School--with particular emphasis on innovative research methods that support the project needs of architects and engineers. 7. Advising federal and state policy-makers, manufacturers, architects, planners, engineers and healthcare facility personnel about the new acoustical criteria. 8. Planning the publication of several "handbooks" to accompany and interpret the LEED for Healthcare acoustical criteria, and the 2010 Guidelines document. 9. Drafting a new ANSI standard. The committee welcomes all interested parties.

k) notes from the student council ( Cole Duke)

- 1) the Mentoring Award submissions will be due some time before the Baltimore meeting.
- 2) Also, we just wanted everyone to know that the Student Reception on Wednesdays is open to everyone, not just students.

l) Young Presenter Award – we urgently need 2 people to organize the judges

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m) Innovative Project competition

"Urban Design with Soundscape in Mind: A Symposium on Urban Planning with Consideration Given to Impacts Caused by Noise " is one of three Innovative Projects selected for funding by the Acoustical Society of America (ASA).

"Urban Design with Soundscape in Mind" is an innovative way to connect ASA with the community at large. The project will pull together urban noise impact information discussed on a regular basis at ASA conferences and place it in the hands of those that can immediately use it to improve the lives of citizens across the nation. ASA will become known as the source of expertise in the subject of reducing the impacts of noise on urban liveability and it will be seen as a leader in the scientific world when it comes to developing science that has a direct benefit to society. What are the anticipated short-term and long-term effects of this project on the ASA? The proposed project is expected to give immediate positive attention to the ASA organization when the first symposium was presented here in Portland, Oregon in May, 2009. After that, it is expected that the project will provide ASA with a public forum that can be used to continue to promote the Society as an organization that provides a benefit to the society at large.

n) Webpage

Status, use, inputs, communication : This is a really urgent task within TCN!!!!

o) Technical initiatives

- a.) San Antonio travel support, award, webpage
- b.) Baltimore travel support, award, webpage
- c.) Classroom acoustics: Please give your support for the authors to prepare booklets aimed at: 1) Educators and 2) Architects. A request for \$3000 support from TCN was proposed, and unanimously accepted by the committee.

## **7. New Business**

- a) Discussion on the Scope of TC Noise
  - Sub committee: Bennett Brooks, Brigitte Schulte-Fortkamp, and Mike Stinson, Larry Finegold, Nancy Timmerman
- b) Acoustics Today
  - three members that are each willing to write a magazine article about their work.
  - Volunteers: Richard McKinley, Paul Schomer, Douglas Winker
- c) Short Course in San Antonio: Acoustic Imaging Applications and Podcasting Demystified
- d) Vic Sparrow proposed allowing an open session in Washington, DC, on super sonic flight over public areas.
- e) Ken Roy volunteered to review the booklets on classroom acoustics.

## **8. Comments on the Portland meeting**

- a) HVAC noise was unacceptably high in many rooms
- b) It was very cold (as usual) – the question came up: why is it necessary to waste so much energy for people feeling not well in such a too cold environment?
- c) Difficult acoustics in the plenary session
- d) Portland- Great location
- e) A/V help was very good

## **9. Welcome of the incoming TC Noise Chair: Nancy Timmerman**

## **10. Other business**

*As outgoing chair I would like to take this opportunity to really thank all the members of Noise and ASA who have been so supportive during my three years as Chair. It has been an interesting and rewarding experience. Brigitte Schulte-Fortkamp*

## **Adjourn**

Brigitte Schulte-Fortkamp