

AGENDA

TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

160th Meeting of the Acoustical Society of America
Cancun, Mexico

Tuesday 16 November 2010

7:30 PM

Coral Kingdom 2/3

Chair: **Alex Case**

Secretary: **Ken Good**

I. (7:30 PM) Welcome and Introductions

- Especially to first time attendees and students
- Please mark attendance list and verify your contact information

II. Previous Minutes

III. Acknowledgements

Thanks to:

- General Co-Chair: **James E. West, Samir N. Y. Gerges, and Sergio Beristain**
- Technical Program Chair: **Mark F. Hamilton**
- TPOM Representatives: **Philip W. Robinson**
- Session Chairs: **Sergio Beristain, David Bradley, Ang Campanella, Dave Lubman, Andres Madina, Scott Pfeiffer, Norman Philip, Ken Roy, Erica Ryherd, Ron Sauro, Lou Sutherland, Roberto Velasquez, Lily Wang**
- Hot Topics in Architectural Acoustics presenter: **Erica Ryherd**
- All paper presenters

IV. Congratulations!

- New ASA Fellow: **Noral D. Stewart**

V. (7:40 PM) Chair's Report

- Technical Council Items –
 - As required
- Comments on this meeting

VI. (7:55 PM) ASA Committee Reports

1. Medals and Awards (new rep **Tim Foulkes**)
2. Membership (**Ron Freiheit**)

3. Standards (**George Winzer**)
4. Student Council (**Norm Phillip**)
5. JASA and JASA-EL Editor (**Ning Xiang**)
6. POMA editor (**Ralph T. Muehleisen**)
7. Other (Books+, Public Policy, Tutorials, WIA)

VII. (8:15 PM) TCAA Subcommittee Reports

1. Newman Student Award Fund Update (**Bill Cavanaugh, Carl Rosenberg**)
2. Concert Hall Research Group Update (**Bill Dohn**)
3. Classroom Acoustics Update (**David Lubman, Lou Sutherland, Bob Coffeen**)
4. Acoustic Product Safety Group (**Nancy Timmerman**)
5. Acoustic Data Working Group (**Ron Sauro**)
6. Another Two Decades of Drama Theaters (**David Bradley, Erica Ryherd Michelle Vigeant**)
 - a. The Book has been released @ Cancun!
 - b. Worship Space Book?
7. Joint Subcommittee with Noise on Speech Privacy (**Greg Tocci**)
8. TCAA Student Paper Award – Results from Baltimore (**Alex Case**)

1st: **Jeremy Manternach**, Div. of Music Education and Music Therapy, School of Music, Univ. of Kansas

Acoustical considerations for vocal music rehearsal rooms: A choir director's perspective.

2nd: **Matthew B. Zimmern**, Sound Recording Technology, University of Massachusetts Lowell,

Soul spaces: How acoustics influence the music production process and the recordings that result.

All students should note that online submission of their paper at http://scitation.aip.org/jhtml/asaconfsite/signin_user.jsp and at POMA using <http://poma.peerx-press.org/cgi-bin/main.plex> is required for eligibility in Architectural Acoustics Student Paper Awards.

Thanks to the many members who thoughtfully offered their feedback.

9. Student Design Competition (**Bob Coffeen and Andy Miller**)
10. Subcommittee on Green Building Acoustics (**Ralph Muehleisen**)

11. Proposed sub on building performance research and standards guidance (Ken Roy)

VIII. (8:45 PM) New Business

- **(Bennett Brooks)**AIA Continuing Education needs new Point of Contact (POC), the person who coordinates with the AIA and enters the data for the architects, so that they can receive their continuing education credits. Bennett will serve as POC-alternate to train the new POC on the AIA system. It would be a great service to the TCAA, and would be enlightening in the ways of AIA. They also provide free seminars and goodies at the AIA convention for CES course administrators!
- **(Noral Stewart)** International Codes Council Green Construction Code

VIX. (8:50 PM) Planning of Future Meetings

- Seattle, WA, May 23-27, 2011 needs a TPOM rep for January 14 & 15, 2011.
 - Call for papers is out. Abstracts must be submitted online by 20 December 2010.
 - **TPOM Rep** (January 14 & 15, 2011 in Seattle): _____
 - Confirmed special sessions are:
 - Computational methods for auralization in air and underwater (**Jason E. Summers, Michael Vorländer**)
This session invites presentations on algorithms and techniques for real-time computational simulation of acoustic time-series both in air and underwater
 - Acoustics of Green Buildings (Joint with Noise) (**David M. Sykes, Brandon D. Tinianov, Ralph T. Muehleisen**)
Continuation of the discussion of noise problems in green buildings with special focus on the new acoustics credits and how the LEED Rating System affects consultants
 - Acoustics of Healthcare Spaces (**Kenneth P. Roy, Erica E. Ryherd**)
The acoustics of healthcare facilities are important relative to health and healing aspects, speech intelligibility for error avoidance, and speech privacy for the protection of confidential information
 - Developments in Plumbing Noise Control (Joint with Noise) (**David L. Adams**)
Plumbing noise is a serious problem in many multi-family projects

- Memorial Session for Manfred R. Schroeder (Joint with Signal Processing in Acoustics, Engineering Acoustics, Musical Acoustics and Speech Communication) (**Ning Xiang, Gerhard M. Sessler**)
Schroeder's contributions to many fields of acoustics
- Quantitative and Qualitative Effects of Diffusion in Rooms (**Jonathan Botts, Peter D'Antonio**)
Topics encompass quantitative, measurable, and subjective effects of diffusive and scattering surfaces and forms of rooms
- Soundscape: Standardization and Implementation (Joint with Noise and ASA Committee on Acoustics) (**Bennett M. Brooks, Gary W. Siebein**)
Latest developments in soundscape analysis, standardization, and methodology
- Speech Privacy (Joint with Noise) (**Eric L. Reuter**)
Latest developments in speech privacy research, standards, and legislation
- Towards a Benchmark in Computational Room Acoustics (**Alexander C. Bockman, Jason E. Summers**)
A number of competing methods exist for the prediction of acoustic parameters that describe the performance of a space. This session moves to define a set of benchmarks against which the methods may be tested for accuracy and efficiency.
- 25th Anniversary of Newman Fund Awards - Recipient and Participating School Updates (**Michelle C. Vigeant, William J. Cavanaugh**)
A celebration for the 25th anniversary of the Newman Fund Awards, to both honor past recipients and acknowledge participating university programs
- **San Diego, CA Oct 31-Nov 4, 2011** Final Sessions due tonight
 - Networking In Soundscapes - Establishing A Worldwide Collaboration (**Gary Siebein and Bennett Brooks**)
 - Active Acoustics (**Roger Schwenke**)
 - Accuracy Of Acoustical Coefficients (**Peter D'Antonio**)
 - Knudsen Lecture - (**Lubman**)
 - Ear Training Methods For Architectural Acousticians And Consultants (Joint With Education) (**Sebastian Otero**)
 - Acoustical Solutions In Historical Renovations (**David Woolworth**)
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- **Hong Kong May 14-18, 2012**

- ASA Architectural Acoustics Co-Chair for organizing the technical program is **Ning Xiang**. Thanks Ning!
- Proposed sessions:
 - Future Meetings, no action required:
 - Kansas City, Missouri, Fall 2012
 - Montreal, Canada, 2-7 June 2013

IX. (9:05 PM) Technical Initiatives – Reports and Renewals

- Website Upgrade/Maintenance (**Conor Sheehan**) (preapproved) \$300
- Travel Funds for Invited Speakers (preapproved) \$1500
- Student Paper Awards (preapproved) \$1000
- *Knudsen Lecture* (**Chair**, \$1000 for 2010)
- AIA Continuing Education System (**Bennett Brooks**) \$800
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X. (9:25 PM) Other New Business

XI. (9:30 PM) Meeting Adjournment