

AGENDA

TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

165th Meeting of the Acoustical Society of America
Montreal

Tuesday 4 June 2013

7:30 PM

513abc

Chair: **Alex Case**

Secretary: **Ken Good**

I. (7:30) Welcome and Introductions

- Welcome, especially to first time attendees and students.
- Please mark attendance list and verify your contact information.
- Consider joining this committee. If you have or soon will present papers, chair special sessions, and wish to contribute to the success of the ASA through subcommittee participation, indicate your desire to join this committee on the attendance list.

II. Previous Minutes

- Additions/corrections? Approve _____

III. Acknowledgements

Thanks to:

- **Michael Stinson** (General Chair)
- **Luc Mongeau** (Technical Program Chair)
- **Eric Reuter** (TPOM rep)
- **Norman H. Philipp, Andy Miller, David Woolworth** (Student Design Competition)
- Session Chairs: **Clemeth Abercrombie, M. Ercan Altinsoy, Alex U. Case, Samuel Clapp, Jesse Ehnert, Roger M. Ellingson, Matthew V. Golden, K. Anthony Hoover, Sungyoung Kim, Jean-Philippe Migneron, Boaz Rafaely, Eric L. Reuter, Lauri Savioja, Isabelle Schmich-Yamane, Bonnie Schnitta, Jing Tian, Michael Vorländer, Diemer de Vries, Wieslaw Woszczyk, Ning Xiang,**
- All 144! paper presenters.

IV. Congratulations!

- New Fellows: none this meeting.

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

- Forthcoming items from Technical Council
- Comments on this meeting: _____

VI. (7:55 PM) ASA Committee Reports

1. Archives and History (**Vic Sparrow**)

Here is the quick update: I did have a chat on the phone this week with Eric Wolfram who is the laboratory manager now at the Riverbank Laboratories (a subsidiary of ALION science). He indicates that all is well at Riverbank, and the lab now has a long term lease with their landlord (They didn't have this by the time of the Kansas City Meeting). So it seems that the archives and Riverbank lab are now secure, at least or the next few years.

1. Education (**Wendy Adams**)

2. Medals and Awards (**Tim Foulkes**)

3. Membership (**Ron Freiheit**)

4. Standards (**Ange Campanella**)

5. Student Council (**Ellen Peng**)

- Please welcome our newly elected AA student representative to the Student Council.

6. JASA and JASA-EL Editor (**Lily Wang, Frank Sgard**)

- Thanks Ning, for years of service to this committee!
- Many thanks to all of those who have served as reviewers, particularly with the new shortened 3-week deadlines!

7. POMA editor (**Ralph T. Muehleisen**)

We are looking for a co-editor. Please see your TCAA Chair for more information on duties and responsibilities if interested in serving.

8. Public Policy (**Ken Roy, Michelle Vigeant, Nancy Timmerman, David Lubman**)

9. Women in Acoustics (**Erica Ryherd**)

10. College of Fellows (**Tony Hoover**)

Aligned with its mission of student mentorship and increasing the participation of students in the ASA, the College of Fellows is continuing a program to "Take-a-Student-to-the-Fellows-Luncheon". This pairs a student with a senior member/Fellow in their technical area for the Fellows Luncheon (more properly named "Society Luncheon and Lecture") at the ASA meetings.

Agenda

The ASA provides, at no cost, 13 tickets to the Student Council for the Fellows Luncheon, so that a ticket can be given to one student in each of the 13 technical areas. The Student Council typically raffles off and distributes the tickets at its Student Reception on Wednesday evenings, the evening before the Fellows Luncheon.

While there is no luncheon at this conference in Montreal, we will need a senior member/Fellow from this committee who is already planning to attend the Luncheon in San Francisco in December 2013 to volunteer to accompany a winning student in Architectural Acoustics. It would be great if the volunteer were to also attend the Student Reception on the Wednesday evening prior in San Francisco to meet the student (and enjoy the Reception).

The Society Luncheon and Lecture is typically held on Thursdays of the ASA meetings. The senior member meets the student at 11:45 AM, outside the Luncheon room. We will also be there to help with the introductions and seating arrangements. We anticipate that there will be a poster or sign near the door, as a reference point at which to meet and to connect students with senior members.

1 Volunteer: _____

11. Other (Books+, Regional Chapters, Tutorials, etc.)

VII. (8:15 PM) TCAA Subcommittee Reports

1. Newman Student Award Fund Update (**Bill Cavanaugh, Carl Rosenberg**)
2. Concert Hall Research Group Update (**Tim Foulkes, Michelle Vigeant**)
3. Classroom Acoustics Update (**David Lubman, Lou Sutherland, Bob Coffeen**)
4. Acoustic Data Working Group (**Ron Sauro**)
5. Joint Subcommittee with Noise on Speech Privacy (**Greg Tocci**)
6. Worship Space Book Subcommittee (**David Bradley, Erica Ryherd, Lauren Ronsse**)
7. TCAA Student Paper Award – Results from Kansas City (**Ken Good**)
 - 1st **Johannes Klein** Reciprocal binaural room impulse response measurements
 - 2nd **Daniel Marquez** Sound power measurements in non-ideal enclosures using acoustic energy density
8. Student Design Competition (**Norman Philipp, Phillip Robinson and Dave Woolworth**)
9. Green Building Acoustics (**Lucky Tsaih**)
10. Subcommittee on building performance research and standards guidance (**Ken Roy**)

11. TCAA Website (**Sean Browne**)

VIII. (8:45 PM) New Business

- Election of new TCAA Chair. **Ken Good** and **Erica Ryherd** have been selected by the nomination committee as candidates.

VIX. (6:50 PM) Planning of Future Meetings

- **San Francisco, CA 2-6 December 2013**

Program is complete. No action required by this committee.

- **James Phillips**, Chair; **Roger Schwenke**, Technical Program Chair
- **TPOM Representative:** _____
- Abstracts Due → Monday 8 July 2013
- Call for papers is published, online.
<http://acousticalsociety.org/sites/default/files/docs/SanFrancisco_call_for_papers.pdf>
Spread the word to your friends and colleagues. Time is of the essence.
- Chairs, invite your experts. Experts, submit your abstracts:
 1. Acoustic Parameters of Materials: Their Definition, Measurement, and Uses in Architectural Acoustics (Joint with Physical Acoustics)
Organized by: **Ronald A. Sauro**
Descriptions of new terms, re-descriptions of old terms, new and updated measurement techniques and new and novel uses of these materials parameters in projects
 2. Acoustics in Coupled Volume Systems (Joint with Signal Processing in Acoustics)
Organized by: **Peter Svensson, Ning Xiang**
Theoretical, numerical and experimental investigations for teleconferencing rooms, performance venues, and worship spaces
 3. AIA CEU Course Presenter Qualification
Organized by: **K. Anthony Hoover, Bennett C. Brooks, Norman H. Philipp**

Agenda

Attendance at this class is required for those who wish to qualify as a presenter of the TCAA course on architectural acoustics for -hour credit in the American Institute of Architects Continuing Education System

4. Experience in Forensic Architectural Acoustics (Joint with Noise)
Organized by: **David Lubman, Matthew V. Golden**
There has been much acoustic-related litigation in California and elsewhere involving condominium construction defects and other juridical matters. Contributors who have been involved with such cases will describe acoustical case studies
5. Innovations and Challenges in Healthcare Acoustics (Joint with Noise and ASA Committee on Acoustics)
Organized by: **David M. Sykes, Kenric D. Van Wyk, Erica E. Ryherd**
Architectural acoustics, noise, and vibration design strategies, and evaluations of occupant response for healthcare settings, including perspectives from the consulting and research communities
6. Restaurant Acoustics (Joint with Noise)
Organized by: **Eric L. Reuter, Steven D. Pettyjohn**
Research and case studies related to acoustics of restaurants
7. Separating Spaces: Adventures in Acoustic Isolation
Organized by: **Stephanie Hoeman, Shane J. Kanter**
Investigations and case studies of isolation of acoustically sensitive spaces
8. The Enduring Contributions of Two Giants in Building Acoustics: Ronald L. McKay and Warren E. Blazier
Organized by: **David A. Conant**
Retrospective of the projects and lasting contributions of two leaders and innovators at Bolt Beranek Newman whose mark on architectural acoustics, noise, and vibration control are universally admired and enjoyed by laymen

- **Providence, RI 5-9 May 2014** Final Special Session Forms due tonight.
 - **James H. Miller, and Gopu Potty**, Co-Chairs; **James Lynch**, Technical Program Chair
 - **TPOM Representative:** _____
 - Special Sessions: No more than 9, please. Complete the Providence Special Session Form (Session Title, Descriptive Sentence, Chair(s), Contact Info) and deliver to TCAA Chair tonight.

Agenda

1. ____
2. ____
3. ____
4. ____
5. ____

- **Indianapolis, IN 27-31 October 2014**

- **Patricia Davies, Kenneth DeJong**, Co-Chairs; **Robert Port**, Technical Program Chair
- TPOM Representative: _____
- Proposed sessions. We need 5 or 6 tonight with:
Title / Name of Organizer / Co-sponsoring Committee:
 1. ____
 2. ____
 3. ____
 4. ____
 5. ____

- Future Meetings, no action required:

- 169th Meeting, Pittsburg, PA, 18-22 May 2015
- 170th Meeting, Jacksonville, FL, 2-6 November 2015

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

- Technical Initiatives are meant to inspire and support innovative ideas. Suggestions for appropriate investments in outreach, education, and other ASA activities are strongly encouraged.
- Website Upgrade/Maintenance. Thanks to **Sean Browne!** Please email him <SDBrowne@Armstrong.com> if you have ideas and want to help. (preapproved) \$300
- Travel Funds for Invited Speakers (preapproved) \$1500
- Student Paper Awards (preapproved) \$1000
- **AIA/CES Provider Renewal \$850**
by Bennett Brooks
The annual cost to renew the registration of the course with the AIA is \$850.

Agenda

We have had success with this program with about a dozen classes held this year do far, with scores of participants. We look forward to continued success with the program for TCAA members and their course participants.s

X. (9:25PM) Other New Business

XI. (9:30 PM) Meeting Adjournment