

Minutes

TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

166th Meeting of the Acoustical Society of America
San Francisco

Tuesday 3 December 2013

8:00 PM

Golden Gate 4/5

Chair: **Ken Good**

Secretary: **Erica Ryherd**

I. Welcome and Introductions at 8:00PM

- Welcome, especially to first time attendees and students.
- Attendance 68
- 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? The minutes were approved
- TCAA Meeting Agenda and Minutes are published on the TCAA website <http://tcaa.acosoc.org/meetings.html>

III. Acknowledgements

Thanks to:

- **James Phillips** (General Chair)
- **Roger Schwenke** (Technical Program Chair)
- **Amanda Lind assisted by Eric Reuter** (TPOM rep)
- Session Chairs: Ronald A. Sauro, Peter Svensson, Ning Xiang, K. Anthony Hoover, Bennett C. Brooks, Norman H. Philipp, David Lubman, Matthew V. Golden, David M. Sykes, Kenric D. Van Wyk, Erica E. Ryherd, Eric L. Reuter, Steven D. Pettyjohn, Stephanie Hoeman, Shane J. Kanter, David A. Conant
- All! 179 paper presenters.

IV. Congratulations!

- New Fellows: Peter Svensson

V. Chair's Report

- Abstracts and the ASA Meeting book...aka yellow book.

- The books for the Providence meeting will NOT be mailed before the meeting, as always books will be available at the meeting and mailed upon request following the meeting.
- No change to the online proceedings
- This will serve as a time and cost issue... Time will allow extension of the Abstract deadline and save the financial and environmental impact of mailing of 7000 books
- **Invited Paper Protocol:** The Technical Council raised a concern regarding the use of social media as a means of soliciting of paper invitations. The intent of an Invited paper is that it's a personal invitation to present providing distinction between a contributing paper.
- **Acoustics Today:** The Editor and Chief is soliciting for willing authors for the publication. Please see me for a paper following the meeting
- **ASA Standards:** The Standards committee asked that I remind the you of the 5 free standards as a membership benefit.
- **Forensic Acoustics:** The technical council asked that I report that a Technical Specialty Group is being considered in the area of Forensic Acoustics. If this is an area that you would have an interest please let me know
 - Currently a subcommittee of Speech, looking to expand
- Comments on this meeting:
 - Sound system pretty good
 - Needs to be a sound system at tutorial Monday nights
 - Enjoyed the food (especially ice cream!)

VI. ASA Committee Reports

1. Archives and History (**Vic Sparrow**) – no report
1. Education– no report
2. Medals and Awards (**Tim Foulkes**) – no new news
3. Membership (**Ron Freiheit**)
 - A lot of recent activity
 - Encourage nominations of new fellows
4. Standards (**Ange Campanella**)
 - S1-1 Definitions standard has been recently revised
5. Student Council (**Ellen Peng**)
 - At this meeting:
 - Orientation, ice breaker, student outing had great turn outs

- Call for volunteers for Hands-on Demo Wednesdays
 - Mentoring Award to be presented at NCAC Student social Wed.
 - Continue to give one ticket to Fellows Luncheon to 1 student in each TC
 - Social Media:
 - Twitter & facebook accounts used frequently at meetings to disseminate info
 - Starting LinkedIn page soon
 - ASA Providence:
 - Hope to start on-line feedback forms
 - Encourage students to attend ASA School
6. JASA and JASA-EL Editor (**Lily Wang, Frank Sgard**)
- Many thanks to all of those who have served as reviewers, particularly with the new shortened 3-week deadlines!
 - Jason Summers & Michael Vorlander new Associate Editors for JASA AA
 - Ning Xiang still handling JASA-EL
 - Possibly on-line search engine will undergo updates; currently the suggestion is to use Google Scholar
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.
- Audience comment that the format has become too restrictive
8. Public Policy (**Ken Roy, Michelle Vigeant, Nancy Timmerman, David Lubman**)
- 4 issues considered at this meeting
 - Diversity
 - statement & explanatory note has been drafted & will be posted
 - Standards
 - Comment on Quiet Cars Standard is being drafted & ASA is asking for extension of release of Quiet Cars standard because of new info presented in this meeting
 - Wind Turbines
 - Subcommittee working on statement

- Classroom Acoustics
 - Statement about sound field amplification has been drafted & will be voted on

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

- Continue to sponsor healthy, on-going programs:
 - Young Investigator Travel Award
 - Women in Acoustics Luncheon
 - Mentoring Program
- Girl Scout Outreach Session
 - Due to registration problems with local Girl Scout council, had to cancel for this meeting. Don't anticipate this being a problem in the future, so look to volunteer at future meetings including Providence.

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.

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.

We are asking if you could add an agenda item to your meetings, **asking for a senior member/Fellow in your technical area who expects to attend the Luncheon at the following meeting to volunteer to accompany the winning student in your technical area.**

Note that there is **no additional cost to the member**, because the student's ticket is provided by ASA

Thanks to Ning Xiang & Ron Frieheit for their leadership to this committee

11. Books+ (Neil Shaw)

- Soliciting proposals for new Springer books series

12. Regional Chapters (Bob Coffeen)

- Going to ask reps for better documentation of activities
- Royster competition still very successful

13. Tutorials (Lily Wang)

- David Lubman giving AA hot topics at this meeting
- At Providence:
 - Floyd Toole giving tutorial related to AA

- Short Course on Hearing Aids & Assistance

VII. TCAA Subcommittee Reports

1. Newman Student Award Fund Update (**Lily Wang, Carl Rosenberg**)
 - Bill Cavanaugh Co-Chair Emeritus
 - Lily Wang new co-chair
 - Program healthy & active, including expanded sponsorships
 - Continue to release yearly newsletter, New Editor is Alicia Larsen
 - Newman Medal: around a dozen medalists so far this year, still time to submit for 2013
 - Schultz Grant still active, encourage nominations. Next submission deadline extended to Jan 31 2014.
 - Student Design Competition (sponsored by Wenger) will occur at Providence.
 - Newly formed partnership with Concert Hall Research Group
2. Concert Hall Research Group Update (**Tim Foulkes, Michelle Vigeant**)
 - Next CHRG will be held in Chicago Aug 2014
 - Robin Glosemeyer Petrone & Scott Pfeiffer are co-organizers
 - Pritzker Pavilion @ Milenium Park will be featured; other venues will be included as schedule allows
 - Sessions will be held at Whitt Hotel
 - Look for official announcement Feb / March 2014
 - Still plan to offer scholarships for students as in years past
3. Classroom Acoustics Update (**David Lubman, Lou Sutherland, Dave Woolworth**)
 - Booklet 4 to help guide architects: Revision should be ready soon & will then go through various levels of ASA review
 - Looking to revise Booklet 3 to include IBC info
4. Acoustic Data Working Group (**Ron Sauro**)
 - 20 test conditions have been completed
 - Draft report has been compiled & will be shared with TCAA
5. Joint Subcommittee with Noise on Speech Privacy (**Greg Tocci**)
 - Met in Montreal & approved draft that will go to standards committee
6. Worship Space Book Subcommittee (**Erica Ryherd, Lauren Ronsse**)

- Had some delays initially, as ASA wanted to change funding structure from previous books & editors wanted to change publisher.
 - Now have contract with Springer, which will increase visibility of book
 - Hope to release call for contributions before Providence -- encourage firms to submit venues
7. TCAA Student Paper Award – Results from Montreal (**Erica Ryherd**)
- 1st **Timothy Newman** A six sensor method for measuring acoustic properties in ducts
 - 2nd **Soenke Pelzer** Inversion of a room acoustics model for the determination of acoustical surface properties in enclosed spaces
8. Student Design Competition (**Norman Philipp, Phillip Robinson and Dave Woolworth**) [Providence Meeting](#)
9. Green Building Acoustics (**Lucky Tsaih**)
Unfortunately Lucky was unable to attend the San Francisco Meeting but asked me to pass along the following...
Thank you to everyone who participated in the Green Building Acoustics Website and Categories Survey. Lucky is expecting to have a website set up by the Providence Meeting. During the process she may be asking for your help by contributing data and information.
10. Subcommittee on building performance research and standards guidance (**Ken Roy**)
- Subcommittee inactive; will be folded into ASTM going forward
11. Healthcare Acoustics Subcommittee (**Gary Madaras**)
- Ric Doedens gave proxy report
 - Newly formed committee; 1st meeting tomorrow
 - Currently using Wiggio for communication between meetings
 - Call for participation & new members
12. TCAA Website (**Sean Browne**)
- Continually updated; be sure to check it out!
13. International Symposium on Room Acoustics (Michelle Vigeant)
- Already held
 - John Bradley sends thanks for ASA support of this event
 - Very successful conference ; had good international attendance

VIII. New Business

- No new business

VIX. Planning of Future Meetings

- **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: Tim Foulkes** (TPOM Date January 17th & 18th)
 - Call for papers is out, Deadline December 16th
 1. Exploring 2014 Sound and Vibration Guidelines and Case Studies for Healthcare Facilities (**Kenric Van Wyk, Daniel Horan, Edward L. Logsdon**)
 2. Green Building Acoustics Design and Challenges (**Lucky S. J. Tsaih, Gary W. Siebein**)
 3. J. Christopher Jaffe - His Life in Acoustics (**William J. Cavanaugh, Alex U. Case, K. Anthony Hoover**)
 4. Psychoacoustics in Rooms - Joint with Psychological and Physiological Acoustics (**Philip W. Robinson, Frederick J. Gallun**)
 5. Soundscape Methods and Case Studies in Architectural Projects - Joint with Noise (**Bennett C. Brooks, Juergen Bauer**)
 6. Uncertainty in Describing Room Acoustics Properties (**Lily M. Wang, Ingo Witew**)
- **Indianapolis, IN 27-31 October 2014**
 1. **Special Sessions:** No more than 9, please. Complete the Indianapolis Special Session Form (Session Title, Descriptive Sentence, Chair(s), Contact Info) and deliver to TCAA Chair tonight.
 2. **Patricia Davies, Kenneth DeJong**, Co-Chairs; **Robert Port**, Technical Program Chair
 3. TPOM Representative: **Kenric Van Wyk**

Title / Name of Organizer / Co-sponsoring Committee:

 1. Interface between Audio & Architecture (Alex Case / Tony Hoover)
 2. Uses, measurement, and advances in scattering & diffusion (Ron Sauro)
 3. Acoustic Trick-or-Treat: Eerie noises, spooky speech & creative masking; Joint w/ Speech (Alex Case)
 4. Design & performance of office workspaces in high performance buildings; Joint w/ Noise (Ken Roy)

5. Room acoustic effects on speech comprehension and recall; Joint w/ Speech & Noise (Lily Wang & David Griesinger)
 6. Evidence based acoustical design to improve patient outcomes (Kenric Van Wyk)
 7. Computer Auralization as an aid to Acoustically Proper Owner/Architect Design Decisions (Bob Coffeen)
- Bob Port gave update on Indianapolis mtg & encouraged submission of special sessions

- **169th Meeting, Pittsburg, PA, 18-22 May 2015**

1. **Robert Keolian and Matthew Poese, Co-Chairs**
2. **TPOM Representative: (Michelle Vigeant)**
3. **Special Sessions: We need 5 or 6 tonight**

Title / Name of Organizer / Co-sponsoring Committee:

1. 65th anniversary tribute to Karl D. Kryter and his work on noise and health - **David Sykes, Bill Cavanaugh, Kenric Van Wyk**
2. Tonal Noise in Buildings; Joint w/ Noise (Lily Wang)
3. Uncertainties in building acoustics measurements – laboratory & the field (Matt Golden)
4. School acoustics and public policy (Jason Summers)
5. Tours:
 - a. Tower @ PNC Plaza (Greg Miller)
 - b. Benedum Center (Ron Sauro)

- **Future Meetings, no action required:**

- 170th Meeting, Jacksonville, FL, 2-6 November 2015
Suggested Session: Classroom acoustics in action; joint w/ TC Noise (Ang Campenella, Dave Lubman, Dave Woolworth)
- 171st Meeting, Salt Lake, UT, Spring (May) 2016
- 172nd Meeting Honolulu, HI, Fall 2016
- 173rd Meeting Proposed Joint with EAA (several east coast cities being considered)

IX. 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
- Indianapolis meeting Tutorial & Hilbert Circle Theatre Tour for \$1000
 - Encourage nominal registration fee for tours because otherwise a lot of people sign up but don't show up.
 - *Withdrawn and combined with TI from TC Music in Technical Council*
- Data Working Group material for testing \$2,000 for purchase of material for testing.
 - *Rejected by Technical Council*
- New request for \$1500 to support Classroom Acoustics Booklet (printing & website distribution)
- Renewal request for \$850 for AIA CEU training program

X. Other New Business

- Bennett Brooks gave overview of AIA CEU Program (program designed to teach architects the basics of acoustics)

XI. Meeting Adjournment 9:49PM