

MINUTES

ACOUSTICAL SOCIETY OF AMERICA
TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS
Vancouver, British Columbia, Canada, May 17, 2005

Chair: **Lily Wang**

Secretary: **Brandon Tinianov**

The meeting was called to order at 7:38 PM by TCAA Chair, Lily Wang.

1. Welcome and Introductions. Members and guests attending the meeting were asked to sign an attendance list. Special recognition was given to attending students and to first time meeting attendees.
2. Approval of Minutes. The minutes of the previous meeting were approved as distributed.
3. Acknowledgements. The committee would like to thank the following for their work on their work on the San Diego meeting: General Chair: Murray Hodgson, Technical Program Chair: Stan Dosso, TPOM Representatives: Kerrie Standlee and Lily Wang, Session Chairs: Bob Coffeen, Byron Harrison, Murray Hodgson, Ralph Muehleisen, Norm Philipp, Dan Raichel, Brigitte Schulte-Fortkamp, Kerrie Standlee, Brandon Tinianov, Vincent Valeau, and Lily Wang. Also, thanks to all paper presenters.

Tony Hoover thanked all TCAA members for being so great during his 6 years as TCAA Secretary and Chair.

4. Congratulations. Deep congratulations to New ASA Fellows: Bennett Brooks, Murray Hodgson; TCAA's own R. Bruce Lindsay Award winner: Lily Wang; and the New NCAC Honorary Members: Bill Cavanaugh, David Egan, Minoru Nagata, George Wilson
5. Chair's Report on Technical Council Items.

The Chair reported on a few technical council items. John Kopec, a longtime ASA and TCAA member passed away in October 2004.

The Society is announcing a new acoustical magazine for a mainstream audience – Acoustics Today. The first issue will be released on October 15, 2005.

The European Acoustics Association, (EAA), has suggested sending the Table of Contents of Acta Acustica to all ASA members. Comments from TC members were generally positive.

ARLO is being absorbed into JASA. TCAA members were generally in favor of ARLO becoming a virtual JASA Express, with the primary purpose of being a fast turnaround publication, although few people were willing to volunteer as 3-day turnaround reviewers.

Several comments on the existing meeting were given. David Conant commented on the difficulty of submitting to the on-line paper copying service with large PowerPoint files. He suggested another format be sought. Others suggested a guide for “microphone etiquette”.
6. ASA Committee Reports.

Medals and Awards (Red Wetherill) – TCAA is due for a nomination of a Silver Medal Award recipient. Please submit the names of proposed nominees to Red.

Membership (Greg Tocci) – Greg commented that the nomination letters for Fellow have been improving. Keep up the good work. Again, Greg Tocci offered to draft or help structure any nomination letters, if necessary.

Standards (George Winzer) – The Standards committee is looking for sponsors of specific standards. Sponsorship would cost \$5000 per year, and they are seeing 3 corporate sponsors per document. S12.60 is a good example of a standard looking for sponsorship. Speak to George Winzer or Paul Schomer if interested.

Student Council (David T. Bradley) – David T. Bradley reminded attendees of the student coffee hour, Student Fellowship Workshop, and student reception on Wednesday. The Council is seeking nominations for the 2nd mentor award. David Blackstock was the first Student Mentor Award recipient. The nomination deadline is September 5th. Applications are available online at the Student Council home page. Student Council will also be one of the featured Hot Topics on Wednesday's session.

JASA/ARLO (Mendel Kleiner and Ning Xiang) – The Associate Editors noted that the TC supported the proposal for ARLO to serve as a quick turnaround JASA. The committee also informed the TC that 2/3 of all manuscripts from TCAA have been accepted by JASA.

Women in Acoustics – The committee will sponsor a round table on mentoring at the next meeting in Minneapolis.

7. TCAA Subcommittee Reports.

Newman Student Award Fund (Carl Rosenberg) – Over the past year, the committee received \$4700 in income and dispensed \$8700 in awards. The number of recipients is increasing each year. For example, in 2004, they awarded 6 Newman medals. Year-to-date for 2005, they have already given 6 awards. The Student Design competition winners were announced, and their posters displayed. The Advisory Committee has positions available for membership. The Committee is also looking for corporate sponsorship. Advisory Committee members in attendance were acknowledged.

Concert Hall Research Group – Bill Dohn announced that preliminary plans are being made for the next CHRG Summer School from August 13-15 2006 in Aspen. The dates should coincide with the Aspen Music Festival. The event themes will include variable acoustics and special designs for noise isolation.

Classroom Acoustics (David Lubman) – This meeting has 4 separate sessions on classrooms. Thanks for the great effort from Murray, Lily, and Bob. The booklets Classrooms I and II have been translated into Spanish. Paper and electronic versions of the translations are available. Bob Coffeen is to develop an auralization package for demonstration of classroom acoustics. Please note that tomorrow evening (Wednesday), there is a public meeting and discussion on the topic the problem of classroom acoustics.

Subcommittee on University/Consultant Partnerships for Research (Paul Calamia) – no report

Acoustics Product Safety Working Group (Nancy Timmerman) – The subcommittee is planning special sessions for the Minnesota meeting with four invited papers.

Acoustic Data Working Group (Ken Roy) – The database for modeling is in progress, but there has been little traction. Ken expects to have initial data (absorption) by the next meeting.

Another Two Decades of Drama Theaters (Robin Glosemeyer) – The Books+ committee has approved the publication of the project to Executive committee. The subcommittee will petition for submissions soon.

Joint Sub-Committee on Speech Privacy – The committee has created a website. The initial meeting of the group was a conference call with 15 attendees. There is a meeting Wednesday in the Stanley room at 5:30. The subcommittee hopes to expand their work to other organizations such as AHA and possibly AIA. They are creating a guidance document for these other groups.

8. Planning of Future Meetings. Special Session planning discussion for future meetings was led by Lily Wang. She reminded the attendees that TCAA should aim to have at most 7 or 8 half-day special sessions in order to have no overlapping special sessions.
- A reminder was made to special session chairs, that they should submit the session report forms to the ASA office after each meeting, making particular note of authors who do not show to present their paper.

Minneapolis, joint with NOISE-CON (October 17-21, 2005)

- TCAA is sponsoring a distinguished lecture by Manfred Schroder, “How I Stumbled onto Number Theory when in Need of More Sound Diffusion”, followed by special session “Reflection on Reflections”, in celebration of this year being the 30th anniversary since the publication of his seminal paper on surface scattering: "Diffuse sound reflection by maximum-length sequences", *JASA*, 57, No. 1, pp. 149-151 (1975) (chaired by Peter D-Antonio and Trevor Cox)
- There is a special session in honor of Cyril Harris, with special tour/rehearsal visit to Orchestra Hall planned for Tuesday afternoon.
- TCAA Special Sessions joint with Noise-Con to be held primarily on Monday-Wednesday:
 - i. Indoor Noise Criteria (Erica Bowden) – joint with NOISE-CON
 - ii. Plumbing Noise (James Phillips) – joint with NOISE-CON
 - iii. The Safety of Acoustical Products (Nancy Timmerman, Jeff Szymanski) – joint with NOISE-CON
 - iv. Comparison of US and International Acoustic Standards in Architectural Acoustics (David Marsh) – joint with ASACOS
 - v. ISO 3382 and Electroacoustics Measurement Workshop (Peter Mapp, Bob Coffeen)
 - vi. Speech Privacy in Buildings (Ken Roy)
- Jointly Sponsored Special Sessions
 - i. Healthcare Noise Control Issues (Noise, Ilene Busch-Vischniac, Jim West)
 - ii. Classroom acoustics (Kenrik Van Wyk) – joint with NOISE-CON
 - iii. Innovative solution to architectural designs and to meeting LEED and HIPAA requirements (Mandy Kachur, Kenrik Van Wyk) – joint with NOISE-CON

Providence, June 5-9, 2006 – The Spring 2006 meeting is currently slated to include the following special sessions:

- A special poster session on “Worship Spaces” (Rosemary Su, Adam Foxwell) – contact asa_worshipspace@yahoo.com for more information.
- Performance of microperforated materials (Christian Nocke, Ning Xiang)
- Acoustics of libraries (Elizabeth Cohen, Ben Markham)
- A special session to honor John Kopec (Dave Moyer)
- Acoustics of Multi-family Housing/Litigation (Gary Siebein)
- Design of Multi-family construction (Dave Marsh)
- Composed Spaces (Alex Case)

Hawaii, Nov. 28 – Dec. 2, 2006 (Tues. – Sat., joint with Acoustical Society of Japan (ASJ), followed by INCE/Internoise)

- Representing ASJ... Chairperson: Yoiti Suzuki, Secretary: Hiroshi Sato
 - Special session in Honor of Manfred Schroeder (80th birthday) (Ning Xiang)

- Outdoor Venues (Daniel Rachiel)
- Acoustic Design for Green Buildings (Ken Roy)
- Computer modeling of room acoustics (Lily Wang, Michelle Vigeant)
- Design of Spaces for Music Therapy and Healing (Elizabeth Cohen)
- Impact of Acoustics (Cross-Modality Effects) on Perception of Ensemble, joint with Music and P&P (Elizabeth Cohen)
- Other ideas for special sessions are being solicited from and coordinated with the ASJ.

Salt Lake City, June 4-8, 2007

New Orleans, Fall 2007

Paris (joint with EAA), July 2008

The possibility of having joint ASA meeting with AES, Fall 2008 was discussed. Although TCAA interest was high in having a joint meeting with AES, many members felt that this meeting would lie too closely in time to the joint meeting with EAA in Paris. Some suggested trying to have a joint meeting in 2010.

9. Technical Initiatives – Reports and Renewals.

TCAA student Paper Award (new) is forming a committee. Please contact Lily Wang if you are interested in participating. David Bradley added that feedback to the students regarding their presentations (content, style, etc.) is very welcome.

AIA Certification – The committee is working on a 1 hour presentation. An outline is in place. The project will be completed this year. After a discussion, Ralph Muehleisen moved to follow Tony Hoover’s lead in this effort. Red Wetherill seconded the motion. The motion passed.

Outreach for Classroom Acoustics – No funds have been spent, to date. A discussion followed.

Lesson Plans for Education in Acoustics – No report from Neil Shaw or Mendel Kleiner.

10. New Business.

There is an Architectural Engineering Institute (AEI) meeting in Omaha, NE this fall. The deadline for abstracts has passed. To learn more, visit their website at www.AEI.org. Ralph Muehleisen mentioned ways to promote acoustics as a green building criteria (e.g. for LEED credits). He suggested that interested members visit the website www.USGBC.org for involvement. He described how to join as a member and get membership on a committee. Ken Roy offered that he and Ralph join on TCAA’s behalf. The motion was revised to state that they “report back to TCAA regarding USGBC participation and influence.” The revised motion passed. Ralph will also author an “innovation in design” boilerplate for consultants to get bonus credits for acoustical design in their buildings. He will deliver the document at the next meeting.

Ken Roy mentioned the possibility of a standardized questionnaire for assessment of classroom acoustics. He thought it may be a tool that the Classroom Acoustics committee might develop.

11. Adjourn. Lily Wang moved to adjourn, each and every member seconded. The meeting adjourned 9:37 PM