

Minutes

TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

176th Meeting of the Acoustical Society of America
Victoria, BC

Tuesday, November 6, 2018

7:30 PM

Theater

Chair: **Eric Reuter**

Secretary: **Ana Jaramillo**

In Attendance: **66**

Index:

Section One: Welcome and Acknowledgements

Page 1-2

Section Two: Committee and Subcommittee Reports

Page 2-7

Section Three: New Business and Meeting Planning

Page 8-9

Section One: Welcome and Acknowledgements

I. Welcome and Introductions

- Pass Attendance Sheet
- Attendees are encouraged to become TCAA members if they are not already.
- New attendees' introductions
- Please limit clapping to expedite this meeting

Introduction to TCAA by Eric Reuter

II. Previous Minutes

- Approval of previous minutes
 - Previous minutes (Minneapolis).
 - Reminder: TCAA Meeting Agenda and Minutes are published on the TCAA website <http://tcaasa.org>

Bruce Olson moves to approve, Steve Pettyjohn seconds. Approved unanimously.

III. Acknowledgements

- **Stan Dosso** (Meeting Chair)
- **Roberto Racca** (Technical Program Chair)
- **Ian Hoffman & Shane Kanter** (TCAA TPOM Reps)

Agenda

- **Session Chairs:** Siu Kit Lau, Andy Chung, Ethan Bourdeau, Jin Yong Jeon, Ning Xiang, Tony Hoover, Alex Case, Thomas Scelo, Ron Sauro, Shane Kanter, Ian Hoffman, David Woolworth, Gary Elko, Michael Vorländer, Logan Pippitt, Ben Bridgewater, Nicola Prodi, Maureen Connelly
- **Presenters:** 96 papers presented in 9 special sessions
- **Sean Browne** (Webmaster)

IV. Congratulations!

- **Wallace Clement Sabine Award – Michael Vorländer**
- **ASA Fellow**
 - **David S. Woolworth** – For contributions to general architectural acoustics and service to the Society

Be sure to attend the Plenary Session tomorrow, 3:45 in Salon A.

- **TCAA Student Paper Award** – Results from New Orleans
 - **1st Place: Daniel Tay**, Rensselaer Polytechnic Institute
"High spatial resolution scanning for experimental room-acoustic measurements in scale models"
 - **2nd Place: Anna Catton**, University of Nebraska Lincoln
"How physical versus panned sources in dry or reverberant conditions affect accuracy of localization in sound field synthesis systems"

V. Chair's Report

1. TCAA membership update
 - a. In order to be a member of this committee, you must maintain your ASA membership. Several people have indicated interest in being committee members but are not ASA members.
 - b. Please update your email address on the sign-in sheet. If you are graduating in the next year, consider using a more permanent address.
2. ASA Surveys
 - a. Please participate in the current 9-question **demographics survey** (link emailed to members on October 29)
 - b. Upcoming **government relations** survey – early 2019
3. Change to session recording model
 - a. Live streaming discontinued
 - b. Option for recording all papers (with author consent)
 - c. Free to view for meeting attendees
 - d. Fee for non-attendees
 - e. Free after a year

Agenda

4. Feedback on Remote Recording Policy:
Matt Golden: I agree it should stay as only strenuous circumstances, not promote “virtual attendance”.
Neil Shaw: I come to the meetings to interact; I’d hate to be the only one at a session.
Robin Glosemeyer: The focus is that we remain collegial
XX: Give the option to students who cannot attend.
Eric Reuter: Agree on special access to students
5. Feedback on industry engagement
We are an unusual committee; we already have a good percentage of industry members attending.
Neil Shaw: How many students are at the meeting? A job fair would be good if we knew the number of students. Job fair was well attended at AES.
6. Get Involved web page (membership page)
7. Comments on this meeting
Tony Hoover: a lot of no-shows. 4 this morning. Liked the social.
Bruce Olson: No-shows is a current issue being tracked by Society.
Matt Golden: Ready to accept a 1-2 page paper prepared before the conference to weed people out. I did not like the social. Hard to get to food and find people.
David Manley: Finally a room appropriate for our TC.
XX: Requiring registration when you submit abstract to avoid no-shows. Slides were automatically advancing.
XX: Withdrawn papers, is good to have a backup plan from the chairs.
Ning Xiang: Appreciation to Steve Barber, Bob Essert, Brian Corry who filled in blanks yesterday during the no-shows.

Section Two: Committee and Subcommittee Reports

ASA Committee Reports

1. **Membership** (Tony Hoover)

Please check to be sure that you are a Full Member (not still an Associate or a Student). Fees are the same than for associate. You can check the ASA Directory: <https://acousticalsociety.org/asa-membership/>

If not yet a Full Member, application forms are on the ASA Website; you'll need two Sponsors/References that are Full Members or Fellows....and who should be quite easy to find here at this meeting.

<https://acousticalsociety.org/asa-membership/> => Download Application Form

Application for full membership will soon migrate to an online form, simplifying the process.

Great news: 13 of the 30 applicants for Full Membership over the summer were from TCAA!

Update – since then, 8 more TCAA applicants!

21 applicants since the last meeting is Excellent!

2. **JASA & JASA-EL**

a. JASA Associate Editor (**Michael Vorländer, Brian Katz, Francesco Martellotta, Ning Xiang, Lauri Savioja, Frank Sgard**)

Ning Xiang introduced Francesco Martellotta as a new editor.

JASA impact factor has increased in the past year.

Thanks to the authors who have contributed, as well as reviewers working behind the scenes.

Lauri Savioja and Ning Xiang are coordinating the special issue on auralization and have a lot of submissions.

There is a localization special issue from Signal Processing but contributions are welcomed from AA as it applies to our area.

b. JASA Coordinating Editor (**Ning Xiang**)

c. JASA-EL Associate Editor (**Ning Xiang**)

3. **POMA - Proceedings of Meetings on Acoustics** (Lauren Ronsse)

- a. Proceedings of Meetings on Acoustics (POMA) is an editor-reviewed, open-access, online journal published by the Acoustical Society of America (ASA). Both researchers and practitioners are encouraged to submit manuscripts to POMA.

Agenda

- b. The opportunity to submit to POMA and have your work archived permanently is part of your conference registration fee.
- c. POMA has new templates for Word and LaTeX and has been rebranded.
- d. Work is being highlighted in ToC emails.
- e. We have had a number of successful volumes from cosponsored meetings. Members interested in growing the global reach of the ASA might encourage colleagues to use POMA for acoustics-related workshops.
- f. Special session organizers have the opportunity to write a POMA article describing the session. It is a great way to archive the discussions that go on at our meetings, honor colleagues, etc.

4. **Women in Acoustics** (Lauren Ronsse)

Everyone is encouraged to attend the **Women in Acoustics luncheon** held at each meeting.

WIA sponsored funding opportunities:

The **Young Investigator Travel Grant** is intended to help with travel costs associated with presenting a paper at the meetings. Young professionals who have completed their doctorate in the past five years are eligible to apply if they plan to present a paper at an ASA meeting, are not currently students, and have not previously received the award.

The **Dependent Care Subsidy** is intended to help with dependent care costs associated with attending an ASA meeting. Meeting attendees are eligible to apply if they plan to present a paper at an ASA meeting or hold a leadership position in ASA.

Realize that these funding opportunities are open to men and women.

The luncheon is sold-out as usual.

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

The Society Luncheon and Lecture Hosted by the College of Fellows (note that everyone is invited, not just Fellows) in Minneapolis was presented by Cantus, the acclaimed men's vocal ensemble. Victoria BC will be "If Bodies Could Talk" by Bryan Gick, about how sounds are produced for communication.

ASA increased number of free tickets for students from 13 to 26 for the Luncheon/Lecture. This is two tickets for each Technical Committee. Goal is to match each student ticket winner (via raffle at Student Reception) with volunteer Senior member/Fellows in their TC to accompany to the Luncheon/Lecture. TCAA is usually well represented (thanks!).

ASA is continuing to support Meeting Registration for undergraduates (outreach to potential future acousticians), reducing fees for undergraduates to \$25!

Agenda

There is no single record of all ASA Fellows. We should soon finalize the list, directed by Ning Xiang, gathered by students from Penn State and U Miss (each having complete collections of JASA).

We expect to soon distribute a letter to all Fellows, in support of the fund raising campaign for the new program to support early career professionals and future leaders in our Society: the ASA Early Career Leadership Fellows. Flyer with more information is attached.

Ning Xiang: TCAA should be proud for the initiative to collect all ASA fellows before 2003 which are not electronically recorded. 1160 items of fellows found. So many recognized members who are still around have been found in records.

Carl Rosenberg: Society is undertaking a campaign to support early career leadership grants, we want everyone in the society supporting this.

6. **Regional & Student Chapters** (Ken Good)

Meeting Wednesday, 7:00am

In the spring we reviewed the application for an "Asia Chapter". The chapter was accepted but ASA National requested a name change to a more specific region (Eastern and SE Asia chapter).

Chapters Annual Reporting: On-Line fillable forms are now required. There is a Financial form and a form to list your current Chapter Board members. Both Forms are on the *ASA/Chapters/Resources* page.

Remember, Chapters are a great way to bring the National meeting home and engage folks who could not or would not come to the national meeting. They are also great opportunities to cooperate with other organizations such as AIA, AES and more.

7. **ASA Jam** (Tony Hoover)

Tenth Anniversary Jam in NOLA (at One Eyed Jacks, site of the original Jam) was a great success, including the Inaugural Student Band Showcase (thanks TJ Flynn and Brandon Lee!)

The Meetings Committee has received a number of testimonials about the Jam (benefits to the Society, Students, etc.). Many thanks!

Victoria BC Jam will be at the Sticky Wicket, two blocks north of this hotel, Wednesday evening, 8pm to midnight.

8. **Medals and Awards** (Ron Freiheit)

TCAA will be eligible for a Silver Award recipient in 2020.

Agenda

9. **Standards** (Angelo Campanella/Ron Sauro)
Roger Logan: 5 free standards will expire on 12/31. Some will be discounted, some free.
Neil Shaw: S12.2 will be updated coming up.
10. **Student Council** (Matthew Neal)
55 students at the orientation, 110 at the meeting. Council has a new website, lots of info. Students Meet Members for Lunch ~60 matches, is great. Mentor award call for nominations coming out soon, no need to come from a student. Next meeting is my last, we will call for applicants in January.
11. **Panel on Public Policy** (Eric Reuter)
Should there be a policy for restaurants? There seems to be no interest yet but there is a special session in Louisville.
IEQ interior environmental quality alliance, no motions on that yet.
12. **Education** (Rep Needed)
13. **Tutorials, Short Courses, Hot Topics** (Eddie Lau volunteered to chair)
14. **ASA Foundation Fund** (Carl Rosenberg)
Lily Wang: Campaigning for early career leadership now, \$300,000 to award early career folks in the society to develop leadership skills and apply them in the society.
15. **ASA Books Committee** (Robin Glosemeyer)
Anyone thinking of writing a book I'll put you in touch with Springer. Working on eliminating paper forms to order books.
Michele Vigeant on behalf of David Bradley: Book on Music Education facilities, call for contributions now open, deadline December 4th. Looking for guest editors to write essays for the book.
16. **Archivals and History**

TCAA Subcommittee Reports

1. **Speech Privacy** (Ken Good)
Our second meeting was held at the Minneapolis meeting last May. We broke the previously identified key work areas in to tasks and teams that include terminology, existing standards, minimum background levels, and will collaborate with related TC's.

Our third meeting is tomorrow at 5:00pm at the library. The agenda will include progress reporting.

If you would like to become part of the team all are welcome to join us tomorrow and/or click [HERE](http://eepurl.com/c0TJ8j) (<http://eepurl.com/c0TJ8j>) to self-subscribe

Agenda

2. **AIA/CEU Course** (Ken Good)

This course continues to grow as a valuable outreach, educational & business development tool. By serving your local architecture firms and others providing an opportunity to build relationships and educate on the importance of acoustics in their design and planning.

To qualify as a presenter you must be: 1) A member of ASA, 2) a member of TCAA, and 3) have completed the presenter's course. A presenter's course was held at the Minneapolis meeting and was well attended.

Trying to have one every 3 meetings or so.

3. **Green Building Acoustics** (Eddie Lau & Shiu-Keung Tang)

- a. We held a session of "Sustainable Acoustics in Social Space and WELL Building" in ASA Victoria meeting on Monday. We received some feedback and good responses on this topic.
- b. To extend the scope of the sub-committee beyond the building, as one of the member's suggestion, we would propose to change the title of this sub-committee to be "Sustainable Acoustics".
- c. We would continuously ask the TCAA members' help to provide any case and information to enhance our web pages.

Dave Woolworth moves to approve name change, Neil Show seconds. Approved.

4. **Concert Hall Research Group** (Robin Glosemeyer)

It was intended this year but it will happen 2019 at RPI. Every 3-4 years is like an acoustics summer camp. Students, early career and professionals' exchange. End of July into August. Play around at a facility with musicians playing, talk about recording.

Ning Xiang: Albany international airport a few minutes from RPI. EMPAC Concert Hall is great. Troy Music Hall also local is a great venue. Cohoes Music Hall also near.

Dave Woolworth goes into high praises of Troy and its attractions!

5. **Healthcare Acoustics Subcommittee** (Gary Madaras)

Nothing to report

6. **Classroom Acoustics** (Dave Woolworth)

Reorganizing and will have more next year

Ken Good: WG 57 physical education spaces, will be a part 4 of the S12.60

7. **Newman Student Award Fund Update** (Ian Hoffman, Bob Celmer, Michelle Vigeant)

Ian Hoffman: Thanks to Bob Celmer as a senior co-chair, thanks to all contributors. Strong support of the fund. We had suspended the Schultz grant for a few years, now we can support it again. 9 medal awards this year so far.

8. **Student Design Competition** (Dave Woolworth & Andy Miller)

Statement will be released on Decemeber 1st. Welcome volunteers to judge.

Agenda

Laura Kloepper public relations committee, responding to media request is convoluted and it delays stories. We should be the face of anything related to acoustics in the news. We are going to TCs asking to identify volunteers to serve as point people to work with the media. There will be media training for them. PhD and some years of experience. (This raises opposition to the committee so she will bring it back to committee that it's a hard requirement from this committee).

Neil Shaw: PR committee looking for academic or industry?

Laura Kloepper: All, just someone with experience that can talk on behalf of the TC

Robin Glosemeyer: Why volunteers rather than TC chairs?

Laura Kloepper: TC can decide that, we just want someone who can respond more directly. TC chairs can collect the names and forward to us.

Section Three: Old Business, New Business and Meeting Planning

I. Old Business

Proposed changes to TCAA Chair election procedures

Traditionally we have a Secretary (unofficially for ASA), then becoming the Chair. No formal process. We vote during meetings instead of including everyone electronically like everyone else.

Proposal: create a chair-elect position for 3 years (basically the current secretary), and then move to Chair for another 3 years. Have a nomination committee, have 2 candidates and vote electronically.

We could change who forms the nomination committee and would need a special one-time nomination at the next meeting.

Ron Freiheit: Do you have to be an ASA member to vote?

Neil Shaw: A Full, Associate or Student member to vote

Robin Glosemeyer: Suggest not to do A2ⁱ

Ken Good: We understood that associate members could not vote, we need to verify that

Roger: If we change to electronically, ASA will handle it and we won't have control.

Bruce Olson puts a motion:

"The nominating committee shall select two or more candidates to run for the position of Chair-Elect. The duties and responsibilities of the Chair-Elect are to act as Secretary for the Technical Committee for three years, and then become the Committee Chair for the subsequent three-year term. Ballot will be distributed electronically to the entire Committee in January of each election year."

Discussion follows:

Nominating committee, change to a more formal?

What happens if chair elect cannot continue? ASA allows another election at that point. ASA appoints someone else with the recommendation of the committee.

Agenda

Damian Doria seconds the motion.

Tony Hoover: If ballot goes to people who don't attend these meetings, the candidates should include bios.

David Manley: ASHRAE decides who they want to be and strongly suggests it.

We will now have two real candidates, not a strong and second.

Ian Hoffman: Nominees accept nomination and know who the other candidate is beforehand.

Motion is approved.

Discussion about the one-time special election for 2019 (Ana moved out of room):

Eric explained special procedure for Election of 2019-2022 Chair

Bruce Olson: have to follow ASA procedure

Motion from Kent, Ken Good Second

No further discussion

All in favor. None opposed. Unanimous passage.

II. New Business

III. Planning of Future Meetings

- **177th Meeting**, Louisville, KY: May 13-17, 2019 – *Galt House*
 - **TPOM Reps:** Shane Kanter & **VOLUNTEER NEEDED** (3-year term)
 - **ABSTRACTS DUE December 17**
 - **Special Sessions**
 1. Higher Education Schools of Music (Brian Corry, Kirsten Hull)
 2. Integrated Approach to Speech Privacy (Ken Good, Eric Reuter)
 3. Libraries, Media Centers, and Similar Spaces (Tony Hoover, Damian Doria)
 4. Methods and Techniques Used for Simulation of Room Acoustics (Bruce Olson, Ana Jaramillo)
 5. Restaurant Acoustics (Klaus Genuit, Ken Good, Brigitte Schulte-Fortkamp)
 6. Room Acoustics Modeling and Simulation (Lauri Savioja, Ning Xiang)
- **178th Meeting**, San Diego – *Hotel Del Coronado*
 - **Final Special Sessions**

Agenda

1. Large Music Rehearsing Spaces (Brian Corry)
 2. Architectural Soundscapes (Gary Siebein)
 3. Sound transmission and impact noise in buildings (Matt Golden)
 4. Archaeoacoustics (David Lubman, Maryam...)
 5. Assembly space renovations challenges (Joe Keefe)
 6. Computational acoustics for AA applications (Laura Brill)
 7. Speech perception for architectural privacy (Ken Good SC/PP)
 8. Sustainable Acoustics for smart cities (Eddie Lau, Andy Chung)
- **179th Meeting, Chicago**
 - **Preliminary Special Sessions**
 1. Court rooms and municipal buildings (Jessica Clements)
 2. A day in the life (Shane Kanter)
 3. TCAA AIA CEU (Tony Hoover, Ken Good)
 4. Recent developments in classroom acoustics (David Lubman, Dave Woolworth)
 5. Noise and vibration for fitness facilities (Matt Golden)
 6. Manufacturers/service providers to a session (Ken Good, Matt Golden). Discussion followed, idea not supported by majority
 7. Healthcare (David Manley)
 8. Recording and production spaces (Ron Eligator)
 9. Audio test and measurement rooms (Neil Shaw)
 10. The effect of transportation noise on buildings (Ben Markham)
 - **Future Meetings, no action required:**
 - 180th Meeting, Cancun, Mexico: Fall 2020
 - 181st Meeting, TBD: Spring 2021
 - 182nd Meeting, Sydney, Australia: Fall 2021

IV. Technical Initiatives – Reports and Renewals

- Note: Technical Initiatives are meant to inspire and support innovative ideas. Suggestions for appropriate investments in outreach, education, and other ASA activities are encouraged. TIs do not automatically roll over.
- **Discretionary Funds:**
 - \$5000 annually, can be used to assist Invited Speakers, Student Paper Awards – Temporary *increase to \$6000 for 2017*
 - AIA CEU ongoing
- **Submitted Technical Initiatives**
 1. CHRG Summer Institute (deferred from 2018) - \$5000
 2. Bert Kinsey Named Session Book funds to defray printing costs - \$1000
Ian Hoffman moves, Ken Good seconds both initiatives. Approved.

Agenda

Tony Hoover moves to adjourn, Damian Doria seconds.

Meeting Adjournment

i

Summary of Methods to Elect ASA Technical Chairs	4/2/11 (12/15/08)
---	-------------------

<u>Technical Committee</u>	<u>Date of Letter/Minutes</u>	<u>Start of</u>	<u>Voting Method</u>		<u>Nominating Method</u>
			<u>Office Mail</u>	<u>@Meeting</u>	
1. Acoustical Oceanography	Note 6/6/94	May 95	A1		N1
2. Animal Bioacoustics	Email 12/13/08		A1		N2
3. Architectural Acoustics	April 6, 1991	May 95		E	N1
4. Biomedical Acoustics	March 2011	March 01	A1		N2
5. Engineering Acoustics	undated	June 94	A1		N2
6. Musical Acoustics	November 28, 1990	May 96	A1		N1
7. Noise	undated	June 94	A2		N2
8. Physical Acoustics	July 14, 1992 (1/17/91)	May 96	A2		N3
9. P & P	Nov. 1992 (3/11/91)	May 96	A1		N3
10. Signal Processing in Acoustics	Nov. 10, 2008		A1		N4
11. Speech	March 13, 1991	May 95	A1		N4
12. Structural Acous. and Vibration	February 20, 1991	June 94	A1		N3
13. Underwater Acoustics	December 7, 1991	June 94	A1		N5

Chairs are elected every 3 years. Chairs may serve for only one consecutive term. Chairs of TSG Technical Specialty Groups are recommended from among the petitioners.

Voting Method: MAIL BALLOT All ballots sent and received by ASA Melville office. This shall be by regular or email. Nominations should be sent to Melville Office before December 31st prior to spring meeting before start of office.

A1 Only committee members shall vote by mail for the chair.

A2 All committee members and ASA members who attended the Fall meeting receive mail ballots.

Voting Method: ELECTION AT MEETING with secret ballot by simple majority

E Voting at spring meeting by all those present at technical committee meeting

NOMINATING METHODS

N1 Current chair selects nominating committee, which selects slate of two or more candidates.

N2 Nominating committee composed of former chairs of the committee, which in turn selects slate of two or more candidates.

N3 Nominating committee consists of outgoing chair plus two previous chairs.

N4 Nominating committee formed by technical committee excluding current chair.

N5 Committee polled for by phone or direct contact for top 4 to 5 names. Two names selected.