

Minutes

TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

Spring meeting of TCAA

Tuesday, May 24, 2022

7:30 PM (MDT)

Plaza Ballroom E / Zoom

Chair: **Ana Jaramillo**

Chair-Elect: **David Woolworth**

In Attendance: **29 online 69 in person**

Section One: Welcome and Acknowledgements

I. Welcome and Introductions

- Attendance form
- Attendees are encouraged to become TCAA members if they are not already.
- Introduction to TCAA

II. Previous Minutes

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

III. Acknowledgements

- **Dana Hougland** (General Chair)
- **Carrie Wall** (Technical Program Chair)
- **David Manley & Brandon Cudequest** (TCAA TPOs)
- **Session Chairs:** Bonnie Schnitta, Ted Pyper, Joonhee Lee, Roderick Mackenzie, Lucky Tsaih, Joanne Solet, Mélanie Nolan, Ning Xiang, Peter D'Antonio, Shane Kanter, Lauren Ronsse, David Bradley, Martin Lawless, Jessica Clements, Dennis Paoletti.
- **Presenters:** 56 papers in 6 sessions
- **Sean Browne** (Webmaster)

IV. Congratulations!

- **Helmholtz Rayleigh Interdisciplinary Silver Medal EA/AA**
George Augspurger
- **New Fellow**
Erica Ryherd

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- **Student paper award winners (Seattle)**

1st place: Sunit Girdhar - Modeling a Representative Room To Evaluate Sound Power Measurement Methods For ASTM ISR Testing

2nd place: Victoria R Anderson - Acoustic effects of face masks on speech: impulse response measurements between two binaural mannikins

v. **Chair's Report**

1. **Editor in Chief** (Jim Lynch)

JASA reached IF above 2 for the first time. Special issues have contributed to this success.

Acoustics Today topical collections are a great thing.

2. **POMA** (Megan Ballard)

TCAA: Idea to evaluate paper and recorded presentation.

David Conant, Eric Reuter, Sunit Girdhar

ASA: Running a Poma paper competition for this meeting. Deadline June 27

3. **ASA President** (Maureen Stone)

ASA is reviewing administrative committees. It will take a couple of years to go through all.

4. **Committee to Improve Racial Diversity and Inclusivity – CIRDI** (Peggy Nelson)

SURIEA 2022 in-person. Short course in Chicago. 10 students. 7 TCs represented. ASA Foundation is supporting this effort to continue. 8 students presenting from 2021.

Affinity rooms at this meeting. No agenda, just an open room for people to connect.

5. **Meetings**

Pilot test for hybrid sessions for Nashville.

Comments on this meeting?

Noisy projector and podium far from screen

better sound system design requested.

Request longer online registration.

Registration cutoff in person concern.

Green and red laser pointers are bad for white males.

Food options? Easy-hard

NCAC is welcome to the student reception

the return of streaming

Nashville will be a test case for hybrid meeting.

6. **Other**

- **In Memoriam:**

Roger Logan

Section Two: Committee and Subcommittee Reports

- I. **ASA Committee Reports**
 1. **Membership** (Damian Doria)
 2. **Meetings** (Damian Doria)
 3. **JASA**
 - JASA Associate Editor (Michael Vorländer, Brian Katz, Francesco Martellotta, Ning Xiang, Lauri Savioja, Frank Sgard)
 - JASA Coordinating Editor (Ning Xiang)
 - Vorlander 3 years associate editor, impact factor above 2.0, AA 2.23, due to special issues, 3D sound special issue is getting ready
 4. **JASA-EL Associate Editor** (Ning Xiang)
 - a. acceptance 54-55% turnaround 30 days?
 5. **Publications Policy** (Eddie Lau)
 6. **POMA - Proceedings of Meetings on Acoustics** (Lauren Ronsse)

Proceedings of Meetings on Acoustics (POMA) is an editor-reviewed, open-access, online journal published by the Acoustical Society of America (ASA). Articles originate as papers presented at semiannual ASA meetings or at other cosponsored meetings. Both researchers and practitioners are encouraged to submit manuscripts to POMA.

NEW THIS MEETING:

POMA is holding a society-wide student paper competition for a POMA submission based on a presentation or poster from the Denver meeting.

Award Amounts: Up to five student papers will receive an award of USD \$300. Additionally, the student paper winners will be noted on the POMA cover page and their article will be promoted in email and social media campaigns.

Qualifications:

To qualify for the award, an author must:

- be enrolled as a student at least half-time (graduates are eligible if the presented work was performed as a student within one year of the meeting). Note that the student author does not need to be a member of the ASA to qualify.
- be listed as the first author on the submitted abstract and POMA manuscript and present the paper at the meeting.
- submit the POMA manuscript by the competition deadline, which is 30 days after the conclusion of the meeting. For this meeting, manuscripts must be submitted on or before 27 June 2022.

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7. **Women in Acoustics** (Lauren Ronsse)
 - Everyone is encouraged to attend the Women in Acoustics Luncheon held at each meeting. The luncheon in Denver will be held on Wednesday, May 25 (pre-registration required).
 - The WIA committee is also sponsoring a Lactation Room during this meeting and plans to continue this at future meetings.
 - 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.
 - Please see the call for papers for more details on these opportunities for future meetings.

8. **College of Fellows** ()

College of fellows we need a representative

9. **Regional & Student Chapters** (Ken Good)
 - Chapters had a virtual Meeting last Wednesday, May 18th.
 - The wearable SLM are a fun opportunity for your chapter to add interest and engage the general public.
 - Key topics of discussion were official process for “parking” inactive chapters.
 - As always, Chapters are a great way to bring the National meeting home and engage folks who could or would not attend the national meeting. They also serve as opportunities to coordinate with other organizations such as AIA, AES as example. Last “Chapters” consider how your chapter can support “Strategic Initiative B” (Better Engagement of Industry and Practitioners).

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

Wednesday! Student travel awards moved to the Jam

11. **Medals and Awards** (Tony Hoover)

We can use nominees for Silver Medal, see Tony

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12. Standards (Derrick Knight)

Steve Lind new director. Rearranged fee schedule for voting based on the number of employees.

13. Student Council (EK Ellington Scott)

reception 6-8, sign up for SONIC, and SURIEA, and for lunch with students.

14. Panel on Public Policy (Eric Reuter)

IEQGA representative Gary Siebein on the Presentation, book being put together on IEQ with acoustics chapter. Joint participation with Noise. Restaurant acoustics. Policy statement being drafted addressing hearing impairment from ADA, draft position ASA on climate change (wildlife, and noise).

15. Education (Jim Degrandis)

16. Tutorials, Short Courses, Hot Topics (Eddie Lau)

to be replaced by ASA academy , hot topics to continue in some form, looking for ideas and volunteers

17. ASA Books Committee (Robin Glosemeyer Petrone)

new chair Ning Xiang, looking for authors. Student design competition 700 seat theater,

18. Member Engagement (Ana Jaramillo)

Bulletin board, and three meetings from powerpoint

19. Archives and History

II. TCAA Subcommittee Reports

1. Speech Privacy (Ken Good)

The subcommittee last met December 7th 2021 and the next meeting is scheduled for June 14th 2022 at 5:00 (eastern).

ASACOS Working Group 44 is meeting twice a month as we refine revisions to the S12.70 American National Standard Criteria for Evaluating Speech Privacy in Healthcare Facilities

2. AIA/CEU Course (Ken Good)

This is a valuable outreach, educational & business development tool. By serving your local architecture firms 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

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3) Must have completed the presenter's course.

Tony Hoover and Bennet Brook hosted a presenter's course at the Seattle meeting. Although we do not have the next presenters course scheduled yet, I anticipate the next presenters course approximately 2024.

Just a quick reminder:

Qualified Presenters are by individuals, not companies and the course is an in-person presentation only.

3. **Sustainable Acoustics** (Eddie Lau)
4. **Concert Hall Research Group** (Robin Glosemeyer)
looking for new blood to help get CHRG moving again, and looking to verify approved funds for taking annual measurements (equipment).
5. **Healthcare Acoustics Subcommittee** (Jo Solet)
met today, mission has good focus.
6. **Classroom Acoustics** (Dave Woolworth)
reboot starting with 25 members, if you are interested, please contact DSW.
7. **Newman Student Fund** (Ian Hoffman, Robin Glosemeyer, Michelle Vigeant)
SDC upcoming: 700 seat theater.

Section Three: New Business and Meeting Planning

I. New Business

II. Planning of Future Meetings

- **183rd Meeting**, Nashville, TN: Fall 2022
 - **Special Sessions**
 1. Architectural Acoustics and Audio - Even Better Than the Real Thing (Tony Hoover, David Conant, David Woolworth)
 2. Recording Studio Acoustics (Tony Hoover, Bennett Brooks)
 3. Show Your Data: Architectural Acoustics Metrics (Bruce Olson, Ana Jaramillo)
 4. Acoustical Challenges in Small Rooms (Joe Keefe)
 5. Sound Transmission and Impact Noise in Buildings (Matt Golden, Ben Shafer)
 6. Sound with Context: Cultural Heritage Acoustics (Miriam Kolar, David Lubman)

Robin Glosmeyer is looking at a tour.

- **184th Meeting**, Chicago, IL: Spring 2023
 - **Finalize Special Sessions**
 1. Classroom acoustics (David Woolworth, David Manley)
 2. Heavy handed recommendations (Shane Kanter, Brandon Cudequest)
 3. Standards of AA (Matt Golden, Evelyn Way) (joint with noise)
 4. Sound data for sound design (Derrick Knight, Evelyn Way) (joint noise)
 5. Applications of statistical and computational methods in building acoustics (Samantha Rollings Ben Schafer)
 6. Performance Halls (Robin/Jonah)
 7. Artificial and machine learning (Semiha Yilmazer, Dick Bottleboren)
 8. Riverbank trip tour of Sure Mosnite/USG

- **185th Meeting**, Sydney, Australia: Fall 2023
 - **Tentative Special Sessions**
 1. Three dimensional sound (Lamberto Tronchin, Ning Xiang)
 2. Education on AA (Lucky Tsaih)
 3. Structureborne noise (Matt Golden Ben Shafer)
 4. Even better than the real thing (Tony Hoover Dave Woolworth)
 5. Significant applications of acoustics in architecture in Sydney Jim Borzym

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III. Technical Initiatives – Reports and Renewals

- Additional funding for the wearable sound level meters \$1000 unanimous
- Measurement (equipment) money for CHRG \$500 unanimous
- 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
 - AIA CEU ongoing
41% CIRDI (Section 1.V.7 above)

Matt Golden Chair elect.

Meeting Adjournment