

Agenda

TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

Fall meeting of TCAA

Tuesday, November 30, 2021

7:30 PM (PST)

Elwha A / Zoom

Chair: **Ana Jaramillo**

Chair-Elect: **David Woolworth**

In Attendance: **44**

Section One: Welcome and Acknowledgements

I. Welcome and Introductions

- Attendance form <https://forms.gle/RZFKcs9TY49seu3JA>
- Attendees are encouraged to become TCAA members if they are not already.
- Introduction to TCAA

II. Previous Minutes

- Approval of previous minutes
- approved majority, no nays or abstentions
 - Previous minutes
 - Reminder: TCAA Meeting Agenda and Minutes are published on the TCAA website <http://tcaaasa.org>

III. Acknowledgements

- **Todd Hefner** (General Chair)
- **Aubrey Espana** (Technical Program Chair)
- **David Manley & Ben Bridgewater** (TCAA TPOs) **new TPO: Brandon Cudequest to replace Ben Bridgewater.**
- **Session Chairs:** Eric Reuter, Ronald Eligator, Robin Glosemeyer Petrone, Ian Hoffman, Daniel Butko, Ronald Sauro, Wade R. Bray, Brigitte Schulte-Fortkamp, Tony Hoover, Ken Good, David Manley, Michael Vorländer, Mark F. Hamilton, Keeta Jones
- **Presenters:** 54 papers in 6 sessions, and two workshops
- **Sean Browne** (Webmaster)

IV. Congratulations!

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- **The Laymon N. Miller Award for Excellence in Acoustical Consulting**
Dave Conant
<https://ncac.com/david-conant-fasa-to-receive-2021-laymon-n-miller-award-at-the-ncac-annual-meeting/>
- **Rayleigh Medal**
Michael Vorländer
<https://blog.rwth-aachen.de/akustik/rayleigh-medal-for-prof-michael-vorlaender/>

V. Chair's Report

1. Editor in Chief (Jim Lynch)

Special Issues are a success. "COVID-19 Pandemic Acoustic Effects" still open for submissions.

Three POMA videos created this year. Focus on "Why Publish in POMA?" Will soon be featured on the POMA homepage. Here is the YouTube playlist https://www.youtube.com/playlist?list=PLCpwdWpezOe_lqF3_JJn0AHv_IzWPyJFA

ASA Publications podcasts for JASA, JASA-EL: Interviews with authors on their publications. Approx. monthly.

JASA Reflections feature launched in July 2020. Steady feature in JASA, articles free for download.

2. POMA (Megan Ballard)

Student papers are recognized. Proposal to evaluate papers rather than presentations. Using the same judges, opportunity for students to train in technical writing. Downside is not evaluating presentation skills, and receiving too much help in writing.

Paper and recorded presentation? Awards development David Conant, Eric Reuter, Sunit Girdhar

3. Standards (Nancy Blair-DeLeon)

Searching for new standards director. Looking for new standards to develop.

4. Strategic Planning

- a. **Strategic Initiative A:** Identification and Promotion of Emerging Scientific/Technical Areas
- b. **Strategic Initiative B:** Better Engagement of Industry and Practitioners (Derrick Knight) Derrick.Knight@tranetechnologies.com
 - i. [Michael Vorlander is working on ASA Academy to attract new members.](#)
- c. **Strategic Initiative C:** Improved Communications and Public Relations
- d. **Strategic Initiative D:** Member Engagement, Outside of Meetings

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- 5. Committee to Improve Racial Diversity and Inclusivity – CIRDI** (Peggy Nelson)
170 applied, 16 funded in 2021 (1 ARCH, 2 ME, 1 CIV). 8 are at this meeting. Next summer in person. Maintaining funding from TCs (use whatever TI money we don't use). Looking for more sponsors outside ASA funds.

Applications for students are out, for mentors' coming out soon.

6. Meetings

955 preregistered, 300 students. 1150 projected.

Comments on this meeting?

- Tours should be scheduled inside meeting times
- Meeting rooms have great acoustics
- Protocols for COVID were good, ASA should require vaccination
- ZOOM failed
- Good food
- Not much options at lunch

7. Other

Silver medal eligibility has a formula, TC has to be ready to nominate, last year some TCs didn't nominate anyone. AA will be eligible.

TC Handbook will be written will include chair guidelines

No-show speaker policy has been proposed. Discussion. 1st time should be contacted. Proposed 2x warned, 3x suspension--committee to discuss.

Listserv or other means of communication. Basecamp for each TC.

ASA School in Denver 2022. Applications coming out soon. Within 5 years of last degree, and students. Travel expense on student.

Elections around March 2022. **PLEASE VOTE!!!**

Section Two: Committee and Subcommittee Reports

I. ASA Committee Reports

- 1. Membership** (Damian Doria)
- 2. Meetings** (Damian Doria) **no report**
- 3. JASA**

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- JASA Associate Editor (Michael Vorländer, Brian Katz, Francesco Martellotta, Ning Xiang, Lauri Savioja, Frank Sgard)
 - JASA Coordinating Editor (Ning Xiang)
thank authors, editors welcome ideas for special issues
4. **JASA-EL Associate Editor** (Ning Xiang)
consider submitting, but must be ready for publication, not revision
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. Winners of the TCAA student presentation competition will receive special recognition on the cover page of their POMA submission.
7. **Women in Acoustics** (Lauren Ronsse)
- Everyone is encouraged to attend the Women in Acoustics Luncheon held at each meeting. The luncheon in Seattle will be held on Wednesday, December 1 (pre-registration required).
 - Please join us at the Women in Acoustics Round-table Discussion Session from 2:30-3:30pm on Wednesday, December 1. Discussion topics will focus on navigating careers and work-life changes during Covid-19 and transition back to in-person or hybrid work. Each table will have a topic leader to facilitate the informal discussions, and the attendees may choose which topic they would like to discuss. There will be an opportunity for attendees to switch tables to discuss a new topic at 3:00 p.m. While the discussions in this session will focus on women's experiences related to these topics, anyone interested in participating in these discussions is welcome to attend (NO registration required).
 - Also, please note that we are sponsoring a Mother's Room during this meeting and plan 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.

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- Please see the call for papers for more details on these opportunities for future meetings.

8. College of Fellows (Ron Freiheit) no report James Phillips

9. Regional & Student Chapters (Ken Good)

- The CRSC Team met November 19th
- We welcomed new chapters San Francisco (regional) and Illinois Champaign/Urbana (student).
- CRSC continues to review its process for dormant chapters.
- Focus on improving CRSC web presence and sites for each chapter.
Web presence being improved

10. ASA Jam (Tony Hoover) We be jammin'

11. **Medals and Awards (Tony Hoover)** We are eligible, each TCAA eligible in 2022. Nominations letter 2 2nding letters, form with supporting information, available on web

12. Standards (Nicolas Sylvestre-Williams)

13. Student Council (Mallory Morgan)

14. **Panel on Public Policy (Eric Reuter)** IEQ global alliance, joint with noise for ASA to advise. Effects of climate on acoustics and environment wildlife to green energy to community noise

15. Education (Jim Degrandis)

- EdCom would like to reiterate that there were no new applications or nominations for the Rossing Prize in Acoustics Education, and no prize was awarded for 2021. If you know someone doing stellar work in Acoustics Education (outreach, mentoring, teaching, research, etc.), get an application together. Individual must be nominated by a colleague or present/former student. A one page form, a CV, one nominating letter, and two seconding letters (minimum) are required – at least one letter must be from a Fellow of the Society; however, the nominee need NOT be a member of the ASA. (Note: The Rossing Prize application page is currently unavailable (which may be part of the reason for the lack of nominees), so you may have to reach out directly to the Special Scholarships & Prizes committee for application information.)
- Also, EdCom is having a session in Denver about “Connecting Industry and Education” which will include case studies about the interactions between Industry and Education. If you participate in the interface between industry

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and education (lectures, outreach, teaching, internships, joint research, equipment loans/donations, etc.) and would like to discuss how these connections are valuable to the students, institutions, and the industry members involved – please watch for the upcoming call for papers. Students (and former students) who have benefitted from these connections are also encouraged to provide their accounts as well.

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

17. ASA Books Committee (Robin Glosemeyer Petrone)

- Shane Kanter: book for the learned musician came out this last year. Approval for book “When words betray us”
- And animal behavior and sound and special session ASA and springer on writing books 20 folks had interest.
- Niel Shade mentioned inventor of dynamic cardioid microphone Ben Bauer’s papers mentioned (not under books+ purview) to be investigated Niel, Robin G.

18. Member Engagement (Ana Jaramillo)

- First time attendee orientation
- Business Development Workshop: Tuesday at 4:00 at Columbia B
- Writing a diversity statement workshop: Tuesday at 10:00 at Willapa

19. Archives and History

II. TCAA Subcommittee Reports

1. Speech Privacy (Ken Good) meeting next Tuesday

The subcommittee will be meeting Tuesday December 7th at 3:00pm. (eastern)
If you would like to be part of our subcommittee with access to the Base Camp site please contact Ken (kwgoodjr@armstrongceilings.com)
Here is the meeting link.

https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTIxZDUzMDMtNjRlMS00MWNmLTkwMTItMGExYTI2MTJkMDVh%40thread.v2/0?context=%7b%22Tid%22%3a%225b00abe1-105d-47d0-ab18-b84d5ea65f29%22%2c%22Oid%22%3a%226893149e-5e4c-402e-be84-e31042e40c24%22%7d

2. AIA/CEU Course (Ken Good) next training Seattle (December 2021)

A presenter’s course will be offered tomorrow morning (December 1st) at 1:00 pm in Elwha A. Unfortunately, I will not be at the meeting, Tony Hoover will be presenting the course

To qualify as a presenter, you must:

- Be a member of ASA

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- Be a member of TCAA
- Have completed a presenter's course

Reminder: This CEU is an in-person course and may not be given virtually.

3. **Sustainable Acoustics** (Eddie Lau) no report
4. **Concert Hall Research Group** (Robin Glosemeyer) (no report)
5. **Healthcare Acoustics Subcommittee** (--) three years inactive, reformed as healthcare spaces, meeting tomorrow. thursday 5pm.room 305 all are welcome
Approved by committee 1 abstention
6. **Classroom Acoustics** (Dave Woolworth) Subcommittee to be rebooted after Fall 2021 ASA meeting with virtual planning meeting.
7. **Newman Student Fund** (Ian Hoffman, Robin Glosemeyer, Michelle Vigeant)
 - Clarifications only 2 people per program to be submitted per year
 - Don't forget the schulz grant
 - Newman fund welcomes donations
 - Student design competition was able to happen today
 - Feedback to the students works
 - SDC winners: The wave honors, Chalmers/ commendation in motion , Chalmers /the seashell Chalmers

Section Three: New Business and Meeting Planning

I. New Business

- **TCAA Subcommittee Rules**

- a. TCAA can create subcommittees (SC) as appropriate. The creation of a new SC will be approved by vote at the next TCAA meeting. A scope and mission of the new SC should be presented in writing by the interested members.
- b. The TCAA Chair will appoint a SC Chair and members. New members are encouraged to join SC meetings anytime, but will be officially appointed after TCAA meetings. The Chair needs to be a TCAA member, but the SC members do not.
- c. The SC Chair will serve for 3 years and can be re-appointed twice.
- d. The SC Chair is expected to report activities at TCAA meetings twice a year. After 2 years of no activity reported, a SC can be disbanded by the TCAA Chair. An effort should be made to reach out to the SC Chair and other members to see if there is still interest, as well as to other members of TCAA who might be interested in re-activating the SC.

- Matt Golding proposed INCE technician certificate program week training plus test includes outdoor sound, IIC/STC, etc. see MG if you are interested
- Eric Ruter task force B early career acousticians attract them low attendance. Overview early career summaries
- Roger Logan ASA STEM endowment-- with comicon/anime recruiting people.

II. Planning of Future Meetings

- **182nd Meeting, Denver, CO: Spring 2022**
 - **Special Sessions**
 1. Courts and Municipal Buildings (Joint with: ASA Committee on Standards, Noise) (Jessica Clements, Dennis Paoletti)
 2. Acoustics of music education facilities: Case studies (Lauren Ronsse, Martin Lawless, Shane Kanter, David Carreon-Bradley)
 3. Balancing speech intelligibility with privacy for indoor spaces (Roderick Mackenzie, Joonhee Lee)
 4. Outdoor performing arts facilities (Ted Pyper)
 5. Advanced prediction and measurement of sound absorption (Mélanie Nolan, Ning Xiang, Peter D'Antonio) – Joint with ASACOS, NS, PA

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6. Acoustic Comfort in Healthcare Facilities (Lucky Tsaih, Jo Solet)
???not canceled?
 7. Red Rocks Tour
- **183rd Meeting**, Nashville, TN: Fall 2022
 - **Finalize Special Sessions**
 1. Even better than the real thing (Tony Hoover, David Conant)
 2. Noise and vibration control in buildings (Matt Golden, Ben Shafer)
 3. Concert hall tour (noted that CHRG may want to measure)
 4. Small room acoustics challenges (Joe Keefe)
 5. recording studio control rooms (Bennett Brooks, Tony Hoover)
 6. Show your data: Architectural acoustics metrics (Bruce Olson, Ana Jaramillo)
 7. Cultural heritage acoustics (Miriam Kolar, David Lubman?)
 - **184th Meeting**, Chicago, IL: Spring 2023
 - **Tentative Special Sessions**
 1. At the intersection of Speech and Architecture (Ken Good)
 2. three dimensional sound (Iamberto Tanchin, Ning Xiang)
 3. tour of Shure
 4. heavy handed recommended recommendation (Shane Kanter, Brandon Cudequest)
 5. Standards of AA (Matt Golden, Evelyn Way)?
 6. Tour of Riverbank, Masoniet Lab

III. 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.
- 2022 support for SURIEA (all TC's supporting)
- "Rooms for the Learned Musician: A 20-Year Retrospective on the Acoustics of Music Education Facilities."
 - We are requesting these funds to offset costs associated with book promotion and advertising efforts, which will coincide with the Spring 2022 ASA meeting, to be held in Denver, CO. The requested funds will be used to purchase book advertising materials and to support editor travel to the meeting. During the meeting, the book editors will promote the book and host a TCAA-sponsored special session featuring the book. The publication, "Rooms for the Learned Musician: A 20-Year Retrospective on the Acoustics of Music Education Facilities," is available for purchase in both hardcopy and eBook format:
<https://link.springer.com/book/10.1007/978-3-030-72054-4#toc>
- **Discretionary Funds:**

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- \$5000 annually, can be used to assist Invited Speakers, Student Paper Awards
- AIA CEU ongoing
41% CIRDI (Section 1.V.7 above)
 - \$2500 advert to advertising “rooms for the learned musician” passes, 3 abstentions, Shane Kanter
 - \$500 equipment for CHRG field measurements passes, 1 abstention Robin Glosmeter Patrone
 - \$2000 stipends for early career to attend skill building seminars 4@\$500.
Tony Hoover passes, 3 abstentions
 - \$1500 for red rocks tour and parks service
Dana Hougland passes 2 nay, 3 abstention

Meeting Adjournment