Minutes

TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

Virtual meeting of TCAA

Tuesday, May 12, 2020 3:00 PM (CDT) Zoom

Chair: Ana Jaramillo  Chair-Elect: David Woolworth

In Attendance: 118 (up to 125)

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Section One: Welcome and Acknowledgements

I. Welcome and Introductions
   • Attendance form https://forms.gle/31WAnGTXLKTqWBeg9
   • Attendees are encouraged to become TCAA members if they are not already.
   • Introduction to TCAA

II. Previous Minutes
   • Approval of previous minutes
     o Previous minutes (San Diego) approved 72 yea, 1 nay
     o Reminder: TCAA Meeting Agenda and Minutes are published on the TCAA website http://tcaaasa.org

III. Acknowledgements
   • Sean Browne (Webmaster)
     a. please report any issues with the TCAA website to sdbrowne@armstrongceilings.com

IV. Congratulations!
   • TCAA Student Paper Award – Results from San Diego
     o 1st Place: Shaira Gozun
       “Hibla: An Alternative Sound Absorption Material”
     o 2nd Place: Ally Taylor
       “Improving the clinical environment soundscape”
V. Chair’s Report

1. In Memoriam: Fred Schafer

2. Chris Struck, ASACOS
   - Pay for service pricing in place as of Jan 1, 2020
   - ASA Standards Office is now virtual
   - Acoustics Today article, Spring 2020
   - Virtual meetings:
     - IEC TC 29 Electroacoustics
     - ISO TC 43 Acoustics
     - ASACOS & S-Committees
   - New standards format, clean, includes new logo, social media links

3. James Lynch, JASA Editor-in-Chief
   - “Special Content” articles/issues, looking for suggestions. They help boost impact factor (responses to online survey)
     - HVAC noise control (Karl Peterman, kpeterman@vibro-acoustics.com)
     - Soundscape design applications for buildings and public spaces (Bennett Brooks, bbrooks@brooksacoustics.com)
     - Material science special issue - new and innovative prototypes or experiments with materials (Daniel Butko, butko@ou.edu)
     - Open source software in acoustics simulation, and fostering open collaborative research. I would be happy to do a tutorial on the use of Pachyderm Acoustic, if that would be useful. It is a free software with thousands of users, hailing from the design fields, as well as the engineering and science fields (Arthur van der Harten, Arthur.vanderharten@gmail.com).
     - Special issue on building acoustics (airborne and impact insulation measurement and analysis) (David Wayland Dong, wdong@veneklasen.com).
     - Speech privacy from speech perception perspective. Follow up to SD Session Friday morning (Steve Pettyjohn, spettyjohn@acousticsandvibration.com).
     - Psychoacoustics, Acoustical Privacy (distinct from Speech Privacy, in that it also considers Perception) (Viken Koukounian, viken@logison.com)
   - Reflections articles will go monthly until 2029, starting in July
   - JASA-EL transitioning to Gold Open Access
   - Ideas for some “between meeting” online events (e.g. guest speakers plus discussion time, “coffee hours”, etc.) that would help keep ASA
members/committees engaged in the absence of frequent in-person meetings (responses to online survey):

- Virtual speakers or presentations could be fun and engaging
- Perhaps some in depth presentations on specific subjects
- A short presentation every month by committee.
- 45 min to 1 hour webinars on emerging topics and on prominent research
- Periodic discussion group meetings
- Zoom happy hours
- I'd like to attend between conference virtual meetings where one or two special presentations occur, or for a special session topic.
- Online presentations would likely be well attended
- Open source software, tutorials in acoustics simulation using open source tools.
- Between-meeting virtual events would be great. I don't have any suggestions for format.
- Acoustical 'happy hours' at the end of day on Fridays have been popular at our office.
- I like the idea of having virtual coffee hours, maybe with specific topics (like research ideas that consultants would like to have studied; or subcommittee meetings to move things along further on healthcare acoustics, classroom acoustics, sustainable acoustics, +; or 'hot topic' sessions that folks could be invited to lead -- ASHRAE does something like this)
- I think quick tutorials or discussions of trends by guest speakers would be beneficial.
- This was a great video meeting, very well attended! So, why not putting this kind of virtual meeting in between the regular meetings in order to relax the agenda and to see each other more often, at least on a screen.
- 1 hour webinars could be great, especially if it can count for CEU.
- Might have student virtual "practice" ASA meeting for students to get peer feedback on their future talks
- This is really good idea. No thoughts re content
- This should help spur meetings for standards, committees and subcommittees to work outside the ASA semi-annual meeting. Friday afternoon meeting or other would be great, but in consulting that may be difficult to plan ahead and also due to time zones.
- Certifications, skill building seminars

4. Outreach and education (Keeta Jones)
   - Regarding COVID-19... Help point the public to good science. The Society Civic Science Initiative has resources: https://www.societycivicscience.org/
• Teacher Activity Kits are being redesigned. We are looking for ways to incorporate practical applications of acoustics. TC members with ideas/resources are encouraged to get involved. Contact Keeta Jones and/or Dan Russell (responses to online survey).
  o Minimum kit for performing RT60 measurements.
  o Sound & vibration isolation "music box"
  o Open source software - Pachyderm Acoustic
  o Youtube channel with demos
  o Not sure if something like this is already included but a set up that shows how vibration isolation in conjunction with airborne isolation improves overall acoustic isolation would be great. We have a demo provided by Regupol years ago that is essentially a music box with a regupol underlayment and insulated enclosure that illustrates this wonderfully. We take this to architects & they are always surprised by the difference the vibration isolation makes. https://youtu.be/eT4PavagQpA
  o Wax cups and strings greater than 6'? sound over long distances? masking due to environmental noise?

• Join the Wiki4YearOfSound2020 campaign: https://meta.wikimedia.org/wiki/Wiki4YearOfSound2020
• Help improve Wikipedia content related to acoustics, sound, human communication, music, noise its effects and control, and soundscapes. Participants are also encouraged to translate pages from the English Wikipedia into other languages. Contributions done during January and December 2020 will be highlighted in the International Year of Sound report of activities.
• IYS extended into 2021: https://sound2020.org/coronavirus/
• Take part in Social Media campaigns like #MysterySoundMonday (Twitter & Instagram)
• Facebook: @acousticsorg, Instagram: @acousticalsocietyofamerica, LinkedIn: Acoustical Society of America, Twitter: @acousticsorg
• Submit a video to Kjones@acousticalsociety.org of yourself/family playing or singing a song for a virtual #ASAJam. Videos will be shared via ASA social media accounts and the public will be encouraged to post their own.

5. Sydney (Marcia Isakson, Jim Miller)
  • Visit to the site went very well, great venue New Convention Center
  • Session co-chairs WESPAC/PRUAC/AA
  • 2 keynote speakers, one from ASA
  • All presentations 20 minutes
  • Load presentations before
  • DUFS 100 students $1000 from North America.
6. VP (Peggy Nelson)
   - Seattle June 2021
     - Special sessions finalizing
     - ASA School, new applications, qualifications extended 4 years after degree
   - Chicago December 2020
     - Virtual technology taskforce
       - Do you already know about prohibitions to travel in December? 3 yea/84 nay
       - If the meeting is largely virtual, do you plan to participate? 88 yea/1 nay
       - If the meeting in hybrid, do you have objections to participate? 2 yea/87 nay
   - Open ended comments
     - Suggestion to every other meeting virtual
     - Suggestion to regional in person connected virtually
     - Suggestion to include more virtual options for remote participation
     - Suggestion for virtual attendance outside presentation room if too many people (COVID and spacing)
     - Question about teaching AIA class virtually for those qualified already
     - Active try and error strategy
     - I think we have to sort out virtual meeting options for technical sessions to proceed in the event that we can’t meet in person.
     - It’s great that this has been assembled
     - Addressing the possibility of on-site streaming in case of meeting occupancy restriction due to social distancing requirements.
     - Please continue to consider streaming of meeting sessions as it is very helpful when one cannot attend a meeting in person for various reasons.
     - The virtual meetings seem to work well. Need to encourage more relevant comments be made.
     - Find a good mix of online streamed talks vs. pre-recorded talks. As far as I observe, there are several options implemented. AES Vienna receives recorded talks only, not clear how interactive that is in the end. ASA session streaming was done differently, more participative and interactive. Hard
to say what's technically possible but I would insist in live communication instead of watching pre-recorded videos.

- We should look to becoming more virtual- already people were considering this due to carbon footprint issues. Meetings can be regional and linked together.

- There are some interests at PP TC to host special sessions on topics related to VR/AR implementation for psychoacoustics virtually. I am the PP TC TPOM rep at the moment and will likely continue through at least Sydney ASA. I am happy to coordinate with TCAA TPOM rep if the two TCs are working on joint sessions that will go virtual (or not).

  - Call for papers in July, decisions need to be made by then

7. Strategic Plan 2019-2022
   - Task Force A - Identification and Promotion of Emerging (Adam Maxwell amax38@uw.edu)
   - Task Force B - Better Engagement of Industry and Practitioners (Eric L. Reuter ereuter@reuterassociates.com)
     In Seattle, we are planning to have a discussion panel on the topic of RFP (Request for Proposal). This effort was requested by researches who are finding some of their funding outside of traditional grants. While researches receive help and mentorship in grant writing, the same cannot be said for responding to RFPs. Many members of TCAA have a great deal of experience when it comes to responding to (and winning) RFPs. We are looking for a few volunteers to participate on the panel. If you are interested, please reply to Derrick.Knight@TraneTechnologies.com.
     a. Task Force C - Improved Communications and Public Relations (Michelle C. Vigeant mcv3@psu.edu)
     b. Task Force D - Member Engagement Outside of Meetings (Christopher M. Jasinski JASINSKI@hartford.edu)

8. TCAA Demographics
   - ~300 Members
   - Distribution
     - Students 24%
     - Professionals 76%
     - Consultants
     - Academics
     - Government
     - Industry
- 55 Fellows among active members
  - 20%
- 50% read the communications

- From 2019 Survey TCAA (general ASA percentage in parenthesis):
  - Gender
    - 79% Male (73%)
    - 18% Female (24%)
  - Professional identification
    - 65% Acoustician (24%)
    - 18% Engineer (26%)
  - Highest Degree
    - 21% PhD (62%)
    - 43% Masters (21%)
    - 23% Bachelors (11%)
Section Two: Committee and Subcommittee Reports

I. ASA Committee Reports

1. **Membership** (Tony Hoover)
   - The three documents regarding nomination of Fellows and the Membership Committee’s evaluations thereof have been revised, and are posted on the ASA website: Information for Sponsors, Guidelines for Preparing Nominating and Seconding Letters, and Procedures (for evaluation).
   - The previous documentation was heavily predisposed toward academics (i.e., publications, research, etc.), but the revisions should clarify and assist everyone regarding evaluations of practitioners’ important contributions to acoustics and the Society.
   - Continued good progress with Associates and former Students applying for Full Membership. Application is easier than ever, on the ASA website: https://acousticalsociety.org/new-membership/#gi >> Transfer to full Membership (click on link for application form)
   - Applicants to Full Membership (Spring 2020): of total 60 applicants, 17 list their prime as TCAA. Kudos TCAA!

2. **JASA & JASA-EL**
   a. JASA Associate Editor (**Michael Vorländer**, **Brian Katz**, **Francesco Martellotta**, **Ning Xiang**, **Lauri Savioja**, **Frank Sgard**, **Eddie Lau**)
   b. JASA Coordinating Editor (**Ning Xiang**)
   c. JASA-EL Associate Editor (**Ning Xiang**)

   M. Vorländer, Francesco Martellotta, Lauri Savioja, Siu-Kit Lau, and Ning Xiang attended the editorial meeting. The JASA has a significantly increased Impact Factor (IF), 1.819 (2018), the detailed IF for Section of AA amounts to 1.66 (among the highest in ASA). The editor-in-chief believes that the Special Issues may be influencing factor for the increase; TCAA has also contributed a JASA Special Issue on 'Room-Acoustic Modeling and Auralization' (guest editors Lauri Savioja and Ning Xiang).

   The most recent acceptance rate amounts to 60%, many special issues may be also the reason for this high rate. Somewhat lower rate around 50% would be desirable.

   JASA Express Letters (EL) will go independently as a separate journal of the society, in a few months the separate submission change will be available, it is tentatively scheduled for the 1st issue to be Jan. 2021. At that point, the IF will start with 0 for JASA EL.
3. **Publications Policy** (Eddie Lau)
   - A committee meeting will be held on Tue 5/19 at 2 pm EDT.
   - There is a recent essay about the PP committee in Acoustics Today (See appendix). Please feel free to let me know if you have any suggesting topics.

4. **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. Authors are especially encouraged to use POMA for better archiving of special sessions presented at ASA meetings.

5. **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.
     - Please see the call for papers for more details on these opportunities for future meetings.

6. **College of Fellows** (Tony Hoover)
   - Undergraduate students’ registration fees will remain $25 for the foreseeable future.
   - CoF invites any/all Fellows to join the Steering Committee.
   - A list of all past ASA Fellows and citations is now posted on the ASA website, but needs formatting, in development.

7. **Regional & Student Chapters** (Ken Good)
   The fall 2019 meeting (San Diego) was my last meeting as Chair. I am happy to continue to represent TCAA. Several chapters are holding virtual meetings during the COVID-19 crises
8. **Medals and Awards** (Ron Freiheit)
   Wallace Clement Sabine award at the Fall meeting

9. **Standards** (Nicolas Sylvestre-Williams)
   Nothing to report

10. **Student Council** (Mallory Morgan)
    The Student Mentor Award has been renamed after David Blackstock, in recognition of his accomplishments as an educator and member of the acoustics community. The award schedule will proceed as planned, meaning that the next call for nominees will go out shortly after the spring meeting as was supposed to occur. Additionally, the award guidelines have been updated to be more inclusive of industry mentors

11. **Panel on Public Policy** (Eric Reuter)
    Nothing to report

12. **Education** (Jim Degrandis)
    The International Year of Sound, due to COVID-19 restrictions, has been extended into 2021. Organizers of events have been asked to postpone and reschedule meetings, respecting the measures and restrictions issued by the World Health Organization. The opening ceremony was held in Paris on January 31, 2020, and was well attended. The closing celebration that was to be held in Cancun has been postponed for obvious reasons. IYS student competition proposal deadline has been extended until the end of 2020, with evaluation of proposals done in early 2021. More information is available at http://sound2020.org

13. **Tutorials, Short Courses, Hot Topics** (Eddie Lau)
    - A committee meeting is scheduled on Wed 5/20 at 1 pm EDT.
    - Preliminary, via email communications, the committee will suggest to move both the Tutorials lecture and Hot Topics to December assuming the presenters are still available. Further discussion will be held on 5/20.

14. **ASA Books Committee** (Robin Glosemeyer Petrone)
    - In the Spring 2020 committee meeting we will be discussing the role of our committee moving forward, particularly in regard to quality control as Springer does not necessarily vet the books for accuracy. We have recently had trouble when several books having received ASA approval were found to have significant errors in calculations upon closer inspection.
    - In Spring 2019 it was reported that there were considerable typographical errors in Appendix A of *The Science of Musical Sound* by William Bennett, which carries the ASA Press imprint. The book was subsequently removed from circulation. These errors have since been corrected by Andy Morrison, the editor of this book, and the corrections were verified by two members
of ASA Books. It was determined that the corrected book is now ready to be rereleased.

- In Fall 2018, the book *Understanding Acoustics* by Steven Garrett, which carries the ASA Press imprint, should be revised immediately and released as a second edition after the large number of technical issues that had been identified are addressed.

- Vote on approval of book proposal for:
  - *Modeling and Computation of Edge Diffraction in Acoustics* by U. Peter Svensson, Sara R. Martin, and Andreas Asheim: APPROVED
  - *Concert Halls of the World: Thirty Years of Acoustical Design for Music Venues and Vineyard-style Auditoria* by Yasuhisa Toyota, Motoo Komoda, Daniel Beckmann, Marc Quiquerez, and Erik Bergal: CONDITIONALLY APPROVED. The condition on the approval is that the name of the firm responsible for the acoustical design of all concert halls described in the book, Nagata Acoustics, appear in the title of the book.
  - *The Technology of Binaural Understanding* by Jens Blauert and Jonas Braasch (editors): APPROVED
  - *A Guide to U.S. Aircraft Noise Regulatory Policy and Its Potential Improvement* by Sanford Fidell and Vincent Mestre: NOT APPROVED This book received extensive discussion. As stated in the title, the book is devoted to U.S. regulatory policy on aircraft noise. While the book contains discussions of noise metrics and data analysis, they are mainly in the context of regulatory policy rather than the underlying science of sound per se. Moreover, throughout the book there is an undercurrent of criticism of the U.S. Federal Aviation Administration (FAA), which is accused of siding with the aviation industry rather than the residents of airport communities. The concern is that the book leans more toward advocacy than neutral assessment of the issues surrounding regulatory policy. In particular, concerns were raised about legal liability should the ASA officially endorse a book or document that advocates for a specific position on regulatory matters. It became apparent during the discussions that ASA Books needs guidance from Executive Council on how to handle manuscripts of this nature.
  - *The Science of Brass Instruments* by Murray Campbell et al. was approved for the ASA Press imprint at its meeting in Minneapolis in spring 2018. The manuscript is currently under review by Bill Hartmann on behalf of Springer’s MASP (Modern Acoustics and Signal Processing) series.

Music Education Facilities Acoustics Book Update (Lauren Ronsse): Work is underway on the upcoming publication, "Rooms for the Learned Musician: A 20-Year Retrospective of Music Education Facilities." The book co-editors are Lauren Ronsse, Jonathan Weber, Martin Lawless, Shane Kanter, and David Carreon Bradley. The book has initial approval from the ASA Books
Committee and will be published by Springer. The anticipated book publication date is Spring 2021. Thanks to all of the consultants who have submitted projects for inclusion in the book. We greatly appreciate all of their time and effort in compiling the venue information.

15. **Archives and History**

II. **TCAA Subcommittee Reports**

1. **Speech Privacy** (Ken Good)
   - Meetings:
     We will not be meeting in May but will be meeting live at the Chicago meeting fall of 2020. Related – Same with WG44 (ASA/ANSI S12.70)
   - Sessions:
     At the San Diego meeting (December 2019) we hosted a special session: *How Does Speech Perception Work: A Tutorial and Panel Discussion for Architectural Speech Privacy (Cosponsor: PP/SC/ASACOS)*. This was a session where three experts from the Psychological and Physiological and Speech Communications TC’s were invited to present on the “How, What & Who” of speech itself.
       - 4aAA1: Dr. Stilp walked us thru how thought becomes speech – speech becomes thought in the receiving brain.
       - 4aAA2 Dr. Baese-Berk covered the nuances speech. Phonics and frequencies and importance of the parts of speech
       - 4aAA3 Dr. Bent led us thru the information contained beyond the words. Identifiers that tell us information about who is talking.
     The Fall 2020 meeting Chicago will have a session: Acoustics in Healthcare: Guidelines, Human Response, and the Way Forward
   - Other Activities:
     As a team we continue to engage with outer organization speech privacy related work.
       - ASTM: Revisions to E 1130 & E 2638
       - ASHRAE: Soft dB has been awarded research related to speech privacy metrics

2. **AIA/CEU Course** (Ken Good)
   - There have been several requests to present virtually. Unfortunately the answer is no, the course was designed an accredited thru AIA strictly as an in-person course.
   - Before the COVID-19 interruption, this course continued to serve as a valuable outreach, educational & business development tool and means to serve your architecture customers.
   - To qualify as a presenter you must be:
     1. A member of ASA
2. A member of TCAA
   Must have completed the presenter’s course.
   Next Presenters course will be at the fall 2020 Chicago Meeting

3. **Sustainable Acoustics** (Eddie Lau)
   - IWBI has a task force to respond to the COVID-19. Ethan Bourdeau is stimulate
     conversation regarding remote work preparedness and audio technology. You are
     invited to add your thoughts from their website: [https://share.hsforms.com/1g8-iW03WRNi4QsVKnJ4WQ46vxw](https://share.hsforms.com/1g8-iW03WRNi4QsVKnJ4WQ46vxw)
   - We plan to update the website. I would like to ask the TCAA members’ help to
     provide more cases and materials for the website.

4. **Concert Hall Research Group** (Robin Glosemeyer)
   Nothing to report.

5. **Healthcare Acoustics Subcommittee** (Gary Madaras)
   Nothing to report. Inactive.

6. **Classroom Acoustics** (Dave Woolworth)
   Nothing to report.

7. **Newman Student Award Fund** (Ian Hoffman, Robin Glosemeyer, Michelle
   Vigeant)
   Nothing to report

8. **Student Design Competition** (Robin Glosemeyer-Petrone)
   - We have postponed the Student Design Competition that would have occurred
     during the spring meeting to the fall meeting.
   - It is the same design brief announced previously, an outdoor performance
     pavilion, with the entry dates extended.
   - We will also hold a competition in the spring of 2021, to bring us back to the
     spring schedule for the competitions. Watch for the announcement in the middle
     of August 2020 for the Spring 2021 competition.
   - Wenger has agreed to support the competition this fall and again in the spring.
     We are very thankful for their continued support!
   - If you know any university acoustics or architecture programs that might be
     interested in participating, please email the Newman Fund, via Robin Glosemeyer
     Petrone to have them added to the list. There is still time to enter for the fall 2020
     competition or prepare course schedules for the Spring 2021 competition.
   - The email announcement is attached below and the flyer is attached to this
     agenda (See appendix)
   - Please direct any questions to Robin Glosemeyer Petrone,
     robin@thresholdacoustics.com.
### Section Three: New Business and Meeting Planning

#### I. New Business
No new business.

#### II. Planning of Future Meetings

- **179th Meeting**, Chicago Dec 8-12, 2020
  - Special Sessions
    1. Session in Memory of Jiri Tichy (Joint with: Engineering Acoustics, Noise, Signal Processing in Acoustics) - Vic Sparrow, Gary W. Elko
    2. AIA CEU Presenters Course Training Session - Tony Hoover, Bennett Brooks, Ken Good
    3. New Developments in Classroom Acoustics (Joint with: ASA Committee on Standards, Noise, Education in Acoustics, Speech Communication) - David Lubman, David Woolworth, Laura Brill
    5. Session in Honor of William J. Cavanaugh - Tony Hoover
    6. Sound transmission and impact noise in buildings (Matt Golden)
    7. Acoustics in Coupled Volume Systems (Michael Vorländer, Ning Xiang)
    8. Pritzker Pavilion Tour
    9. Riverbank Labs Tour

- **180th Meeting**, Seattle, WA Spring 2021
  - Finalize Special Sessions
    1. Sound in cultural contexts: human soundmaking and perception in built and unbuilt environments (David Lubman, Myriam Kolar)
    2. Architectural Acoustics and Audio: Even Better Than the Real Thing (Tony Hoover, Alex Case)
    3. Current state-of-the-art and future paradigms in acoustic measurement and testing (Ron Sauro, Jim Degrandis)
    4. Status of the combination of ray tracing and wave field simulation tools (Wolfgang Ahnert, Ana Jaramillo)
    5. Recording and Production Spaces (Joint with: ASA Committee on Standards) (Ronald Eligator)
    6. Courts and Municipal Buildings (Joint with: ASA Committee on Standards, Noise) (Jessica Clements, Dennis Paoletti)
    7. Back to Basics: Skill-Building Seminars (Eric Reuter, Ana Jaramillo)
    8. International Year of Sound Potpourri (Michael Vorländer, Mark Hamilton, Keeta Jones)
Agenda

- **181st Meeting**, Sydney: Fall 2021
  - Preliminary Special Sessions
    1. Indoor Environmental Quality (Eric Reuter)
    2. Restaurant Acoustics (Brigitte Schulte-Fortkamp)
    3. Concert halls considering the local environment (Robin Glosemeyer, Brian Corry)
    4. Impact noise (Matt Golden)
    5. Anomalous reflections (Michael Vorländer, Densil Cabrera)

- **Future Meetings**, no action required:
  - 182nd Meeting, Denver, CO: Spring 2022
    1. Acoustics of music education facilities: Case studies (Lauren Ronsse, Martin Lawless, Jonathan Weber, Shane Kanter, David Carreon-Bradley)
    2. Advancements in Speech Privacy (Ken Good)

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.

- **Discretionary Funds**:
  - $5000 annually, can be used to assist Invited Speakers, Student Paper Awards
  - AIA CEU ongoing

Meeting Adjournment

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**From the post-meeting survey: General comments for TCAA:**
- Curious if it’s possible to have a virtual option available if you aren’t at the spring or fall meeting so you can’t make it to the committee meeting. I didn’t know if this already exists, but I don’t make it to every ASA meeting but it would be nice to stay involved/in-touch with the TCAA
- Love the virtual meeting. For some reason the last two meetings do not show me on the printed attendance list and I have to write my name in.
- I would like more funding opportunities for students/researchers from outside the US
- TCAA could try to synchronize interest and topics with other associations as INCE or ICSV. Sometimes, the same special session is hosted twice in 2 different international conferences within a year. Not TCAA specific, but more ASA concerns: next Chicago meeting is rescheduled at the same time as European Forum Acusticum.
I’m curious if consultants would be interested in a special session on AHRI 260, which turns 20 years old in 2021. I see Denver 2022 would be the next possible meeting. It’s been a highly influential sound standard which impacts the background noise level of most every architectural acoustics project. Joint with TC Noise. I’d be willing to chair it (Derrick Knight)

...And many praising and encouraging comments about working through these uncertain times. Thank you all!
Appendix

1. Student Design Competition 2020 - UPDATE

As you may have heard, the 179th Meeting of the Acoustical Society of America has been postponed until December 8-12, 2020 (Tuesday—Saturday). Over the past two weeks, we have been working with the Society and our sponsor to transfer the Student Design Competition session to the December meeting. As such, we are able to offer and extension on the deadline in response to the disturbance of spring semesters and people’s daily lives as a result of the Covid-19 pandemic. Thank you for your patience during this time.

At this time we do not know the precise SDC Session date within the Dec 8-12 window, but have assumed it will occur on the 9th. As such, we have listed the session and delivery to the hotel dates as tentative. A revision to the SDC Announcement with the new timeline is attached.

Revised Competition Timeline Summary

November 16, 2020 – registration deadline
Tuesday, December 1, 2020 – Presentation boards must be received by the individual listed in the competition announcement.
Tuesday, December 8, 2020 (Tentative) – For participants delivering presentation boards to the meeting notice must be emailed to robin@thresholdacoustics.com that entry will be delivered to the ASA registration desk.
Wednesday, December 9, 2020 (Tentative) – Judging and open exhibition

Presentation Format and Submission Procedure – Additional Information

To those who have already sent their registration, your registration will automatically be transferred to the December meeting.

Mounted posters are a requirement for the competition. You may submit your design files to printer/delivery companies like Fed Ex (link provided below) who will print the posters and deliver them to my office. They will accept your digital files (we recommend pdf), print and mount them to foam core, and deliver them to my office. You may use my office zip code, 60604, to find the nearest location that we result in the lowest cost for delivery.

https://www.fedex.com/apps/printonline/#/productPicker/postersAndCanvasPrints

Robin Glosemeyer Petrone
Threshold Acoustics
141 W Jackson Blvd
Suite 2080
Chicago, IL 60604
We understand many of you may have been working toward the original May deadline as part of your spring semester's curriculum. You may send your posters to my office ahead of the November/December deadlines and I will store them until the December competition. However, please call to confirm we have reopened our office before shipping the posters. As of this time, we observing the stay at home order until at least April 30, 2020. It is likely this will continue for a period of time into the summer months.

Thank you for you interest in the Student Design Competition and for your patience as we adapt to the conditions surrounding the pandemic. Please let me know if you have additional questions.

Sincerely,
Robin

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Administrative Committee Report: Committee on Publication Policy

The Committee on Public Policy is charged with reviewing and suggesting changes in the policy, contents, and format of the journal and other Society publications, but excluding the ASA books program and Standards, for consideration by the Editor-in-Chief and the Executive Council and proposing new publications.

Introduction

Among many other tasks, scientists and engineers write proposals and reports, read related literature, learn new approaches and techniques, and attend meetings and conferences. (And, hopefully, somehow find time to actually undertake research!) In the end, these many activities do not matter unless research findings are published for posterity. Papers in peer-reviewed journals and conference proceedings, such as The Journal of the Acoustical Society of America (JASA), JASA Express Letters (JASEL), Acoustics Today, and Proceedings of Meetings on Acoustics (POMA) are our final products toward which our other activities are generally channeled.

Publication involves two main steps: writing a paper and getting it through the publication process. As its name would suggest, the Acoustical Society of America (ASA) Committee on Publication Policy (PP) discusses policy issues impacting both steps of this process. On the basis of these discussions, the PP provides independent advice to the ASA Publications Office, editor in chief, Executive Council, and a forum through which the ASA membership can make suggestions and raise issues and concerns.

The importance of writing clear and thorough research papers can hardly be overstated. Over the centuries, scientists have tailored writing conventions to present their research results effectively. This style is known as scholarly (or academic) writing. Scholarly writing is quite different now than in the nineteenth century and will likely continue to evolve. The stylistic conventions of JASA are described in the Information for Contributors at bit.ly/2ph0qZK. Scholarly writing practices also adhere to ethical principles. The ethical principles of the ASA can be found at acousticalsociety.org/ethical-principles.

Publishing research papers is an involved process. For ASA publications, authors submit their original and revised manuscripts, rebuttal letters, and supplemental materials via the online Editorial Manager (EM). In addition to keeping the EM and review process running smoothly, the editor in chief and the ASA Publications Office appoint associate editors (AEs), archive the ASA publications, write instructions for submitting papers, manage online handling of manuscripts, and maintain a database of reviewers. The Publications Office also works with American Institute of Physics (AIP) Publishing to get papers published. In recent decades, the publication process has been changing rapidly. Not long ago, all communications with the Publications Office were handled via postal mail, and all members received JASA in print form.
Currently, the Publications Office is a virtual office, with staff spread out across the country.

All issues pertinent to scholarly writing and the publication process are discussed at meetings of the PP. The committee is composed of the chair, 12 members, the editor in chief, and the ASA president-elect. Because different areas of acoustics have somewhat differing styles for scholarly writing and presenting research results, the members are selected from the entire spectrum of the ASA technical committees. The PP meets twice yearly during regularly scheduled ASA meetings. The PP also invites guests, such as the editors of JASA-EL, Acoustics Today, and POMA, as well as representatives from the ASA Publications Office, AIP Publishing, and ASA Student Council to participate in the discussions. In total, about 25 people with different backgrounds typically participate in the committee meetings, which enables consideration of every topic from various perspectives.

Examples of Recent Topics
The PP has a website (see asapublicationpolicy.org) that provides background information and archives past meeting topics. To clarify the scope of the PP, we present some topics that have been discussed during the past several years.

Ethical Principles
All manuscripts and abstracts submitted to ASA journals must adhere to the ASA Ethical Principles. These principles state, among other things, that research involving human subjects and animals should be done according to an existing governing authority, authorship should be limited to those who actually contributed to a publication, errors in published data should be corrected, and any potential or perceived conflict of interest should be disclosed. The ASA ethical principles were approved by the ASA Executive Council in 2004. Because some parts of the current ethical principles are less detailed than those in other societies and would benefit from clarification, the Publications Office and PP decided recently to update and extend the ASA Ethical Principles. The PP has been working on a draft revision of the ASA Ethical Principles.

Plagiarism and Text Recycling
Another timely topic being discussed by the PP is plagiarism, including self-plagiarism and text recycling. Plagiarism, which is a serious form of research misconduct, is facilitated by modern technology. An example of self-plagiarism would be when an author repeats (or “recycles”) extended portions of their own previous text without proper citation and quotation marks. Such a practice may be regarded as an unethical attempt to receive credit for multiple publications based on the same work or it may violate copyrights of prior publications. The ASA Publications Office employs software, called Similarity Check/iThenticate (see ithenticate.com), that enables automatic detection of most plagiarism and text recycling. The software identifies potential articles of concern and calculates the degree of overlap. The PP is working on recommendations for implementing this software to check new submissions and to advise on best practices for preventing plagiarism and text recycling.

What Is a Prior Publication?
Related to the issue of text recycling, one might ask what constitutes prior publication. This is not a trivial question to answer. There is a consensus that papers in peer-reviewed journals, chapters in books, and books are prior publications. But what about publications such as PhD theses, preprints in arXiv, proposals, reports, and noncopyrighted papers in conference proceedings? Can the text from these publications be partially or fully recycled? (The ASA allows POMA publications, for example, to be revised into publications for JASA.) The PP has been considering this topic. The recommendations will be reflected in updated JASA policy statements and instructions.

Updates from American Institute of Physics Publishing
Most meetings of the PP include an update from AIP Publishing, which oversees the publication of ASA journals. These updates are very important because the process of publishing ASA journals is a collaborative effort between the ASA Publications Office and AIP Publishing.

Simplifying the Submission Process
Currently, two versions of a manuscript must be submitted to JASA and JASA-EL: one with figures embedded and the other with figures collected at the end. It would, of course, be easier for authors, AEs, and reviewers to deal with only one version of a manuscript with the figures embedded. The PP initiated discussions with AIP Publishing to determine whether a manuscript with figures embedded can be used in production. If implemented, this would make a submission process easier.
Journal of the Acoustical Society of America Letters to the Editor
Some AEs have questioned whether it is necessary for JASA to have its own Letters to the Editor section, given the existence of JASA-EL. The PP discussed this issue and noted that JASA Letters to the Editor and JASA-EL have different guidelines. The former can be used for commentary on previously published JASA and JASA-EL articles and reviews. The PP recommended unanimously to keep JASA Letters to the Editor.

Impact Factor
The two-year impact factor (IF) has become an increasingly prevalent metric for assessing journal quality. JASA recognizes the importance of the IF, and strategies for increasing it have been a frequent topic for the PP. The committee has also discussed how other metrics might be more appropriate for an acoustics journal such as JASA, primarily because acoustics is a relatively small field with a large time constant for papers. JASA performs very well on metrics such as a five-year IF, cited half-life, Eigenfactor Score, and Article Influence Score. An outcome of these discussions is that the metrics are now posted to a web page (see asa.scitation.org/jas/info/about).

Conflicts of Interest
The PP considered conflicts of interest involving AEs and reviewers. In particular, how do we address situations involving AEs and reviewers who know the authors of papers they are handling? It was argued that, given the smallness of the community, such situations may be difficult to avoid. There was support for allowing AEs and reviewers to manage potential conflicts.

Plan S
The European initiative called “Plan S” is planned for implementation by 13 national research funding organizations, starting in 2021. At this time, all research supported by public grants must be published in open-access journals. The journal of the European Acoustics Association, Acustica united with Acustica, became a full open-access journal as of January 1, 2020. If the Plan S initiative gains momentum, it could have a substantial impact on JASA, which is not considered compliant. Plan S is regarded by many scientists as having major drawbacks, as described, for example, in the article by Lohse and Meiburg in Physics Today (2019; see doi.org/10.1063/PT.3.4259). In particular, the pay-to-publish approach underlying Plan S may adversely impact the quality and cost of scholarly journals. The PP has discussed the implications of Plan S for ASA publications.

Concluding Remarks
The PP endeavors to maintain and improve the high standards of scholarly writing and publication quality for which the ASA journals are known. It incorporates the experience and knowledge of many people with varying backgrounds who have been authors, reviewers, editors, and publishers. Any member of the ASA is welcome to contribute to this process, and the committee greatly values your input. If you have suggestions for PP discussion topics, please reach out to a committee member. Suggestions can also be uploaded at asapublicationpolicy.org/meeting-topics.

References