**ACOUSTICAL SOCIETY OF AMERICA**

**Spring 2021 Acoustics in Focus**

**DRAFT Minutes from the Open Meeting of**

**the Technical Committee on Noise**

Thursday June 10, 2021, 4:30-6:00 p.m. EST

Via zoom meeting:

[https://zoom.us/j/92257420546?pwd=UzUvVW9kdUwzVTN5SnNEQkFBWHdUUT09 [aip-info.org]](https://urldefense.proofpoint.com/v2/url?u=https-3A__aip-2Dinfo.org_1ZJV-2D7DRTC-2D47HP8H-2D4GCA4Y-2D1_c.aspx&d=DwMFaQ&c=DwOPjGaQseYIIptHXBesgQ&r=3moIK5AcZ1WjmD2dPSl8XbEWQ3X74c1j6a6svpGRgzU&m=2tdGT5q3v91UsXV0AVeuYlA2mr9VVdoImLXYWW-BxUI&s=oloHcg4S8MPj785pMNduuAr9yz7EPRDMPl_Q0xQvAps&e=)

Meeting ID: 922 5742 0546

Passcode: 498011

James Phillips, Chair

Alexandra Loubeau, In-coming Chair

Kenton Hummel, Student Council Representative.

**Attendees**

TCN Members:

Bill Murphy, Ken Kaliski, Jeanine Botta, Alexandra Loubeau, Joe Keefe, Bonnie Schnitta, Tony Hoover, Derrick Knight, Nancy Timmerman, Bob Hellweg, Brandon Cudequest, Fernando Elizondo, David Manley, Cameron Fackler, Brigitte Schulte-Fortkamp

Guests:

Ana Jaramillo,Kay Hatlestad, Davyd Betchkal, Viken Koukounian, Trevor Jerome, Aaron Vaughn, Dan Mennitt, McCall Edwards, Will Doebler, Zachery L’Italien, Dana Hougland, Henry Ashburn, Mark Anderson, Noral Stewart, Walter Montano, Alex Mauer, Joel Lonzaga, Henrik Olsen, Dave Ledger, Arezoo Talebzadeh

**Call to order at 4:32 pm EST**

Zoom meeting hints:

Everyone mute, use “raise hand” and chat. (Don’t forget to put hand down)

All ASA members present, please type “Here” in chat for a record of attendance.

**Welcome & Introduction**

**Alexandra Loubeau** has been elected as the new Chair of the Technical Committee on Noise for the 2021-2024 term. She will take over at the end of this ASA AiF Meeting. Congratulations and good luck, Alexandra!

**Approval of Agenda**

**Approval of Meeting Minutes from Fall 2020 Acoustics Virtually Everywhere**

**REPORTS**

Committee to Improve Racial Diversity and Inclusivity - CIRDI (Tyrone Porter, Peggy Nelson)

* <https://acousticalsociety.org/?s=cirdi>
* **Summer Undergraduate Research or Internship Experience in Acoustics (SURIEA)**
  + <https://acousticalsociety.org/summer-internship-mentor-application/>
  + 12-week PAID summer undergraduate research program for students interested in the area of Acoustics. This intensive summer program in acoustics is designed for under-represented minority undergraduates from across the country.
  + **16 students enrolled for Summer 2021 - internships started in May**
  + 2021 internships for every technical area except UA and SAV. Would like to have internships for all areas.
    - Mentor information available on the webpage and will be attached to the minutes of this meeting
  + Funding
    - The ASA, including the TC, approved ~$92k for the program. Total budget for 2021 is ~$130k
    - CIRDI wants to offer applications in the fall (October/November timeframe). Funding for 2022 expenditures will need to be allocated or approved beforehand
* **Technical Committee involvement**
  + To increase the capacity of ASA to be inclusive, one of the recommendations from the Diversity, Equity, and Inclusivity (DEI) consultant was to **proactively** identify, support, and promote bodies of research in acoustics that already engage DEI **(see attached slide for example citations)**
  + CIRDI has started to collect names of scholars and publications as a step towards this goal
  + Recommended that TC Chairs collect this information from their committee members and share with CIRDI

Membership (Bonnie Schnitta):

Medals & Awards (Brigitte Schulte-Fortkamp):

* Awarded at this meeting:
  + Gold Medal of the ASA- **James F. Lynch**
  + Helmholtz-Rayleigh Interdisciplinary Silver Medal in Physical Acoustics and Engineering Acoustics - **Michael R. Moldover**
  + R. Bruce Lindsay Award - **Likun Zhang**
* Silver Medal in Noise will be awarded at 2021 Fall meeting in Seattle, WA
* Brigitte Schulte-Fortkamp stepping down as TCN representative after this meeting
* Eric Reuter will replace Brigitte as the new MAC representative for TCN

Leo & Gabriella Beranek Scholarship in Architectural Acoustics and Noise Control

* Committee: James Phillips (Chair), Bennett Brooks, Ana Jaramillo, Alex Case, Kristen Murphy (representing the Beranek family), William Murphy (substitute for James Phillips who recused himself from judging)
* 2021 recipient: **Samuel Underwood**

Frank & Virginia Winker Memorial Scholarship for Graduate Study in Acoustics

* Committee: Christopher Struck (Chair), James Phillips, Ana Jaramillo, Mike Haberman, Dan Russell
* 2021 recipient: **Samuel Underwood**

Young Investigators Awards

* Competition not organized for Fall 2020 AVE
* Two competitors in the Spring 2021 AiF
  + Organized by William Murphy
* Organizer(s) for future meetings?

Student Council (Kenton Hummel): Welcome students

* Attendance at AiF Student events (on Monday)
  + Total Attendance: +25
  + Student Orientation
  + Student Meet ‘n Greet
  + Student Social
* Website & Social Media
  + <https://asastudents.org/>
  + Twitter: @asastudents
  + Facebook: Acoustical Society of America - Students
  + Linkedin: Acoustical Society of America Students
* Acoustics Program Database
  + <https://exploresound.org/>
* SMMFL (Students Meet Members for Lunch)
  + Sign up when you register for Fall 2021 in Seattle!
* David T. Blackstock Mentor Award
  + Will be presented in Seattle
  + Two awards presented
* ASA School
  + Targeted for graduate students & early career acousticians
  + Participants must present or coauthor a paper at the meeting
  + The 2 days preceding the Seattle meeting
  + Postponed to Denver Meeting

Education & Outreach (Keeta Jones)

* The International Year of Sound has been extended through 2021 due to COVID-19
  + <https://sound2020.org/>
* Using Wikipedia to promote acoustics knowledge for the International Year of Sound 2020/2021
  + Contacts for Wikipedia
    - William J. Murphy , [wmurphy@cdc.gov](mailto:wmurphy@cdc.gov)
    - Thais C. Morata, [tmorata@cdc.gov](mailto:tmorata@cdc.gov)
    - John Sadowski, [jsadowski@cdc.gov](mailto:jsadowski@cdc.gov)

Tutorial Committee (Lau Siu Kit – Eddie)

* No tutorials or Hot Topics at Spring 2021 AiF due to condensed schedule
* Fall 2021, Seattle
  + Hot topics on COVID topics. Inviting speakers. Brigitte Schulte-Fortkamp has been invited. Any suggestions?
  + Short Course plan to have ultrasound open platform, lecture, applications and hand on demonstration, as there is a lot of ultrasound companies are in Seattle. Online or in-person lectures depends on the travel restriction.

Regional & Student Chapters (Ken Good)

* COVID restrictions have limited activities for most chapters, however, several chapters have been able to adapt and have hosted virtual meetings
* Of note, the Spanish Speaking Chapter by design is a virtual group and had minimal disruption
* Also, LA, Washington DC, & North Carolina Chapters have adapted well providing virtual events
  + LA chapter contacts: Tom Kaytt: Thomas.kaytt@hbkworld.com
* Since some chapters are hosting virtual meetings and are not bound by geography/travel, I encourage each of you to “plug-into” these events as a means of staying connected and just might be a jump start to begin a local chapter

College of Fellows (Ron Freiheit/James Phillips)

* Motion made and passed to provide two tickets to the Fall 2021 Society Luncheon for students enrolled in the Summer Undergraduate Research Internship Experience in Acoustics (SURIEA)
  + Tickets will be awarded by raffle at the Student Reception (same process as for Technical Committees).
* Fellows page for ASA website
  + Currently, Fellows prior to 2003 can be searched by name whereas Fellows from 2003 to present are listed by year, but are unsearchable by name. Will work with Dan Russell to extend name search capability for all Fellows.
  + Headers in name search also need to be fixed.
  + Ning Xiang and Tony Hoover are writing an article for “Acoustics Today” about the database covering the history of Fellows prior to 2001 and the historical significance of select Fellows from early in the Society.
* Society Luncheon
  + Discussed funding for the Society Luncheon
  + Discussed getting videos of presentations at the luncheons linked to the CoF webpage - Cathy Rogers and James Phillips to develop a form to be used by local committees to get permission from presenters
* Acoustics demonstrations
  + Discussed creating a video archive/catalog of high-quality acoustic demonstrations.
  + Tony Hoover volunteered to champion getting this to happen
* Ron Freiheit is finishing his term as Co-Chair of the CoF after this meeting while James Phillips is the new Co-Chair. Cathy Rogers continues as Co-Chair with Mr. Phillips.

ASA Jam (Tony Hoover)

* <https://acousticalsociety.org/social-events-jam>
* The Virtual Jam for Acoustics Virtually Everywhere (December 2020) was a great success. Many thanks to the informal sub-group of the Jams Subcommittee for all the upfront work, to everyone who submitted videos, and to Dave Woolworth who “VJ-ed” the 4-hour program!
* There will not be a Jam, virtual or otherwise, at this Spring 2021 meeting, Acoustics in Focus. This is the first/only meeting without a Jam since the ASA Jam started in New Orleans in 2007.
* **Plans begun to have a live, in-person Jam at upcoming Seattle**.

TC Noise Web Page (Hales Swift)

* TC Noise Web Page needs to be updated
  + Member list to 2020 removed and 2023/2024 added
  + Update Chair going forward

Technical Initiatives

* Each of the TC’s discretionary funding is $5000: $1000 for Young Investigator Award, $4000 to support travel (TC Noise: $1,500 for YIA, $3,500 for travel). Travel funding is only reimbursable and no more than $1500 can be provided to an individual during a year.
  + Let Alexandra Loubeau know of persons that have a need.
* For additional initiatives, initiative under $2500 will be approved by a “consent” vote (up to $15,000 total). Those over $2500 will be considered and approved individually.
  + Let Alexandra Loubeau know of persons that have a need.
* $2000 for “Football sized” NIOSH app style outreach education prototype shirt approved in San Diego (Eric Reuter/David Woolworth)
  + No update.
* Chuck Ebbing library online archival - Brandon Cudequest
  + TI is proceeding as planned.

Proposed Technical Initiatives

* James Phillips will submit a $2,500 TI to the Technical Council for funds to be contributed to the SURIEA program

Editor-in-Chief (Jim Lynch)

* Goals for JASA and JASA-EL are Impact Factor ≥ 2.0 and acceptance rate ≤ 50%.
  + Right now, IF ~1.8 for JASA and acceptance rate ~54% for both JASA and JASA-EL.
  + We can push the second number down a little lower, with some cajoling.
  + The first number, however, has a lot to do with ASA (and thus its journals) being very “broadband” in its/their interests, and also being comprised of both academics and engineers, technical personnel, practitioners
  + Forming a working group comprised of people from Publication Policy and from the Editorial Board
  + Will be a major topic at July “EICs and Staff Summit” Zoom meeting
    - Results to be reported to the Society at Seattle.
* POMA
  + Editor: Megan Ballard
  + Associate Editors for Noise
    - Cameron Fackler
    - William Doebler
  + **Slide attached**

Publications Committee (Lau Siu Kit - Eddie)

* Discussion on data availability statements being implemented in the ASA publications. Although such statements are currently not required, the ASA publications agree with the AIPP policies and will gradually implement them.
* The Committee discussed the role of Impact Factor (IF) and how to improve it. It was argued that although the JASA IF is still below 2 (the target), the number of published papers, JASA revenue, and attendance of the ASA meetings are steady/improving.

ASACOS (Rich Peppin)

Strategic Plan Champions

* Meet every ASA meeting (Thu, 2:00pm-4:00pm EDT)
* <https://acousticalsociety.org/Strategy.html#_Toc7797885>
* Task A: Identification and Promotion of Emerging Scientific/Technical Areas
  + Chairs: Adam Maxwell, Subha Maruvada
  + TCN Rep: James Phillips
* Task B: Better Engagement of Industry and Practitioners
  + Chairs: Derrick Knight, Diane Kewley-Port
  + TCN Rep: Eric Reuter
  + **ASA Academy** (Michael Vorlaender, Maureen Stone)
    - Proposed that ASA create courses in acoustics for (non‐member and member) practitioners in industry and consulting,
    - Offer for continuous learning and further education.
    - For anybody who seeks expertise in acoustics but does not need not a full graduation
* Task C: Improved Communications and Public Relations
  + Chairs: Matt Kamrath, Stan Dosso
  + TCN Rep: Keeta Jones
* Task D: Member Engagement, Outside of Meetings
  + Chairs: Christopher Jasinski, Peggy Nelson
  + TCN Rep: Ralph Muehleisen

Executive Council/Technical Council Requests

* **Draft ASA Core Values**

Looking for ideas regarding missing content, recognizing that not all aspects of acoustics can receive specific mention, and **not looking for detailed wordsmithing**

* + **Slide attached**
* **Meetings Feedback**
  + AiF likes/dislikes and general comments
    - Thanks for overall great work
    - Aspect ratio of video playback system
    - Better instructions for presenters and participants, guideline
    - Integrate planner, consistent with local time
    - Avoid echo
    - Better help chairs run and overall clumsy
    - Q and A did not work
    - Need simpler system
    - Need training for chairs and earlier
    - Too many emails
      * Use weblinks
    - AiF felt worse than AVE
    - Need immediate troubleshooting options
    - Not much awareness of meeting
    - Allow chairs able to share
    - Consistency with audio settings
  + Thoughts/Suggestions for Seattle meeting and beyond
    - Re: hybrid meeting: potentially all the problems above PLUS a live meeting on top
    - Open to concept of allowing virtual presentations and virtual participation
* **Meetings Re-Imagined Committee**
  + Chair: Scott Sommerfeldt
* **TC Chair Candidate Nomination and Voting Procedures**
  + Procedures vary considerably across the TCs, desire to unify
  + **Nominating Committee selection**
    - Currently, six different methods for selecting the Nominating Committee across the thirteen Technical Committees
    - TC Noise: Nominating Committee composed of former Chairs of the Committee.
    - Tech Council proposes: Nominating committee consists of outgoing chair plus two previous chairs.
      * Motion: TCN to adopt the following rule.
        + The nominating committee is composed of the current chair, and at least 2 past chairs selected by the current chair.
        + Passed without opposition.
    - Note: the above only addresses how the Nominating Committee is selected; not how candidates are selected. The latter is up to the TC to decide.
  + **Voting**
    - Currently, two methods:
      * Committee members only
      * Committee members plus ASA members who attended the previous Fall meeting
    - TC Noise is one of only two TCs that use the second method allowing non-Committee members to vote
    - Tech Council proposes: Committee members only can vote
      * Motion: TCN to adopt the following rule.
        + Only members of TCN may vote in election of the Chair.
        + Passed without opposition.
  + **Tie breaking**
    - Tech Council recommends that TCs adopt the policy that TC chairs do not vote in Technical Committee elections unless there is a tie, which is Standard Operating Procedure for some ASA committees.
    - Proposed options:

1. If there is a tie on the deadline date, the chair will be asked to cast the deciding vote.
2. Alternatively, ask the TC chair to cast a ballot that would be held and not counted. If there is a tie on the deadline date, the chair’s vote would be used to break the tie.

(Having voted before the need for a tie-breaker would remove any pressure on the chair in making his/her decision. If there is no tie, the chair’s vote would not be counted.)

* + - * Option 1 or 2?
      * Motion: TCN to adopt the following rule.
        + TC chair to cast a ballot that would be held and not counted. If there is a tie on the deadline date, the chair’s vote would be used to break the tie. Number of candidates will be limited to two (2).
        + Motion passed without opposition.

MEETINGS

**180th Meeting Spring 2021, Acoustics in Focus - 3 TCN focused sessions, 37 TCN papers total**

8-10 June 2021

Chair: Andy Piacsek

Technical Chair: Anna Diedesch

TCN TPOs: William Murphy, James Phillips, Hales Swift

1. Soundscape Projects: Networking, Participation, and New Technology (Cosponsors: AA, AB, ASACOS) - 12 papers
   * Antonella Radicchi
   * Brigitte Schulte-Fortkamp
2. Nonoccupational Noise and Hearing Loss - 13 papers
   * Bonnie Schnitta
   * William Murphy
3. Pandemic Noise Reduction/Impact - 12 papers
   * Kirill Horoshenkov
   * Abigail Bristow

181st Meeting Fall 2021, Seattle, WA - finalized sessions

29 November -3 December 2021

Chair: Todd Heffner

Technical Chair: Aubrey Espana

TCN TPOs: William Murphy, James Phillips, Hales Swift

1. ISO Standard on Soundscapes / Standardization in Soundscape: Application and Development (Cosponsors: AA, ASACOS)
   * Brigitte Schulte-Fortkamp
   * Andre Fiebig
2. Special Noise Issues in Modern Construction (joint with AA)
   1. Bonnie Schnitta
   2. Nicholas Sylvestre-Williams
3. Wind Turbine Noise (Cosponsors: PP, ASACOS)
   * Norm Broner
   * David Michaud
   * Mark Bastasch
4. Building Systems Noise and Vibration Control: Beyond ASHRAE Chapter 49
   * Brandon Cudequest
   * Joe Keefe
5. Jet Noise
   * Kent Gee
   * Alan Wall
6. Sound Walks (Cosponsors:AA,ASACOS)
   1. Bennett Brooks
   2. David Woolworth
7. Memorial Session for Tony Embleton

* Bennett Brooks
* Nicholas Sylvestre-Williams

**182nd Meeting Spring 2022 in Denver, CO - need to finalize sessions**

23-27 May 2022

Chair: Dana Hougland

Technical Chair:

TCN TPOs: William Murphy, James Phillips, Hales Swift

<https://forms.gle/pQxgtfJs3EuZvSf77>

1. Health Effects of Noise
   * Hales Swift
   * Lily Wang
2. Soundscape and Virtual Reality
   * Brigitte Schulte-Fortkamp
   * Ming Yang
3. Soundscape in the Built Environment
   * Brigitte Schulte-Fortkamp
   * Bennett Brooks

1. Standards, Codes, and Criteria: Applications in the real world
   * Tony Hoover
   * Derrick Knight

1. Noise Impacts from Outdoor Entertainment and Sports Spaces
   * Bonnie Schnitta
   * Sarah Taubitz

1. Measurement of low-frequency sound and standards
   * Walter Montano

**183rd Meeting Fall 2022 in Nashville, TN - need tentative sessions**

5-9 December 2022

Chair:

Technical Chair:

TCN TPOs: William Murphy, James Phillips, Hales Swift

<https://forms.gle/846gDEUrvswNifcL8>

1. Noise Impacts Associated with Urban Entertainment
   * Dave Woolworth?
2. Addressing Flanking Noise
   * Bonnie Schnitta
3. Post pandemic Soundscapes
   * Brigitte Schulte-Fortkamp
   * Bennett Brooks
4. Acoustics design of indoor and outdoor firing ranges, and protection from high level impulse noise
   * Bill Murphy
   * Alan Wall
   * Cameron Fackler
5. Methods for Low Boom Community Testing
   * Alexandra Loubeau

Future Meetings

* 2023 Spring, Chicago, May 2023, Chair: Shane Kanter
* 2023 Fall, Sydney, Australia, December 2023 ASA Co-Chair: Marcia Isakson, ASA Technical Co-Chair: James Miller
* 2025 Spring, New Orleans (joint with ICA), Chair: Mark Hamilton, Technical Co-Chairs: Preston Wilson, Michael Haberman

NEW BUSINESS

* none

**Adjourn at 6:50 PM EST**