

Acoustical Society of America

Minutes from Open meeting of the Technical Committee on Musical Acoustics
May 14, 2020 4-5pm EDT via Zoom

In attendance: approximately 40

- acknowledge first-time attendees
- acknowledge attendees in far-flung time zones

Acknowledge Technical Program Organizers

Chris Jasinski and Peter Rucz represented TCMU for the Spring Chicago meeting ("Thanks for nuthin!"). They have agreed to continue as TPOC reps for the Fall Chicago meeting, after which Peter will step down and Taffeta Elliott will join Chris to organize the Seattle meeting.

Results of TC Chair election, spring 2020

- Andy Piacsek will chair the committee for a three-year term starting this week

News and discussion relating to fall Chicago meeting

- Deadline for abstracts for fall Chicago meeting will be late July or early August
- Be prepared for possibility that Chicago meeting will be conducted remotely
- Brief description of the Virtual Technology Task Force (A. Piacsek is chair)
- Quick survey about the Chicago meeting and the use of virtual meeting technology:
 1. Do you know if you can travel to Chicago to attend in person?
 2. If the fall meeting is completely online/virtual, do you expect to participate?
 3. If the fall meeting is a hybrid of in-person and online, do you have any objections to participating in a session with online components?

Responses:

1. overwhelming majority of responses are effectively "not sure/don't know"
2. overwhelming majority of responses are "yes"
3. overwhelming majority of responses are "no objections"

News and discussion items from Technical Council Meeting

- ASACOS:
 1. New standards pricing went into effect January 2020.
 2. Sales report: ~400 standards each of past two years; ~350 in first Q of this year
 3. See Spring 2020 Acoustics Today article for details about new pricing structure and other updates
 4. [Jonas Braasch will be nominated to replace Andrew Morrison as TCMU rep](#)
- Outreach and IYS updates
 1. we are encouraged to steer the public towards good science.
 2. teacher activity kits are being redesigned. TC members are encouraged to volunteer ideas for items/activities that incorporate practical applications of acoustics
 3. Wiki editing campaign. Be sure to register for Wiki4YearOfSound2020 campaign
 4. Social media campaigns (FB, Instagram, LinkedIn, Twitter). #MysterySoundMonday
 5. Submit video to Keeta for virtual #ASAjam

- Publications:
 1. New JASA author templates as of January 2020
 2. JASA-EL will become “Gold Open Access” by January 2021
 3. Review and Tutorial articles are encouraged
 4. Reminder that Reflections articles will start appearing in July. MU has identified “top 10 articles”, but we still need volunteers to write 2-page description for each.
 5. New special issue on COVID-19 pandemic. See call for papers.
 - noted that Thom Moore is conducting experiments to determine aerosol spreading from brass instruments
 6. Update on JASA impact factor. Goal is to raise overall IF to above 2.0
- Reminders:
 1. upgrade membership
 2. get involved – go to acousticalsociety.org/volunteer

Publications – Musical Acoustics

- Upcoming special issues in Musical Acoustics:
 - Modeling of Musical Instruments
 - guest editors: Nick Giordano and Vasilis Chatziioannu
 - deadline for manuscripts is 31 December 2020
 - Machine Learning
 - Bozena Kostek is a guest editor
 - deadline for manuscripts is 30 November 2020
- Associate editors for Musical Acoustics
 - Psyche Loui (new)
 - Thom Moore, Andy Morrison, Tamara Smyth

Meetings

- Discussion of a proposal from Jim Woodhouse and David Sharpe to organize a series of informal online meetings in musical acoustics
 - Dan Russel mentioned that EdComm is doing something similar: organizing monthly “happy hour” meetings, starting in June
 - Possible themes were suggested: “What’s in my lab” or “What’s on my wall”, inspired by what is often visible in zoom meetings
 - Generally positive response
 - No one volunteered to coordinate this, but discussion will continue after the meeting.
- Status of international Musical Acoustics meetings:
 - ICSV27 will be held 12-16 July 200 in Prague. Abstracts are due January 31.
 - Vienna Talk is scheduled for 13-16 September, 2020. Occasion is 40th anniversary of the Institute of Music Acoustics at the University of Music and Performing Arts Vienna.
- Sydney, Australia, meeting is scheduled for 6-10 December 2021. Meeting Chair is Marcia Isakson and Technical Program Chair is Jim Miller. Down-under Fund will support student travel to this meeting. Goal is to fund 100 students at \$1000 each.

- Review and confirmation of MU special sessions in Chicago (Fall 2020)
 - Acoustics of Harps and related instruments - Jim Cottingham
 - Computational Phonogram Archiving (joint with SP, CA) – Rolf Bader
 - Music venue acoustics and architecture (joint with AA) – Rolf Bader, Tim Ziemer
 - John Granzow will give the Hot Topics talk in Musical Acoustics: Digital Fabrication in Musical Acoustics.
 - [A harp concert and a tour of the Lyon and Healy harp factory were scheduled for the original Chicago meeting. Would it be possible to do either of these virtually? Jim Cottingham will look into it.](#)
- TCMU is jointly sponsoring the following sessions in Chicago
 - Musical Acoustics Education (EdComm)
 - Optical Methods (PA)
 - Demonstrations for classroom acoustics (ED, PA, SA, among others)
- Reviewed abstract submission process for Chicago
 - We are starting from scratch: all abstracts must be resubmitted, whether they are identical, modified, or brand new
 - TPOC will sort abstracts in August
 - Likelihood of in-person component to the Chicago meeting is fading. Illinois will not allow large conferences until “Phase V”, which occurs only after vaccine is widely available. Final decision will be made by early fall.
- Reviewed special sessions for Seattle (Spring 2021)
 - Brass Musical Instruments – Thom Moore and Vasileios Chatziioannou
 - Guitar Acoustics – Mark Rau and Jonas Braasch
 - Nonlinearities in Musical Instrument - Nick Giordano and Vasileios Chatziioannou
 - Physical modeling and digital fabrication in Musical Acoustics - John Granzow and Jim Cottingham
 - [Technical tour ideas: Virtual Reality Lab \(Oculus\) or guitar making shop. Technical Initiative funding will be requested for this.](#)
- Reviewed preliminary list of sessions ideas for Synday (Fall 2021)
 - Reminder that sessions must be cosponsored by non-ASA org
 - Player-instrument interaction – Vasilis C. and Joe Wolfe
 - [Japanese musical instrument analysis and synthesis – Bozena Kostek and Kimi Coaldrake](#)
 - Vocal tract effects on musical instruments - Noel Hanna and Joe Wolfe
- Denver is set for Spring 2022
 - No other set meeting times or places until joint meeting with ICA in New Orleans (spring 2025)
 - Discussions are ongoing about future model of ASA meetings. Standard spring/fall meeting pattern may be revised.

Committee reports

Medals & Awards – Thom Moore (not present)

Membership Committee – Bill Hartmann (not present)

Student Council (Mark Rau is the new rep for MU) – nothing to report

Editorial Committee (A. Morrison T. Moore, T. Smythe, P. Louie JASA, M. Campbell (JASA-EL), R. Worland (POMA)

Women in Acoustics (Judy Cottingham) -- WiA meeting is next week. Send Judy any comments or issues to bring forward.

Education in Acoustics (Jack Dostal) – nothing special to report

Standards (Jonas Braasch will be nominated)

Tutorials (Jim Cottingham) – John Granzow is slated to give Hot Topics lecture at Chicago meeting. Ideas for future Tutorials topics are welcome.

Technical initiative requests (for 2021)

- Concert and/or technical tour in Seattle
- Concert and/or technical tour in Sydney

Final comments from the floor

- Edgar Berdahl asked for information about research pertaining to social distancing guidelines while playing music in ensembles. Example of Seattle choir rehearsal that contributed to COVID spread in March.
 - Wilfried Kausel mentioned that Thom Moore is researching aerosol spreading from brass instruments.
 - German study with fog machines suggest a 10m radius is needed for wind instruments (based on bassoons).
- Bozena Kostek advertised a student project demonstrating 360 degree recording technology using ambisonics, coordinating visuals with sound.
 - <https://youtu.be/4dwSRNxUrIU> (headphones needed)
- TCMU webmaster (A. Morrison) will follow up on suggestion to maintain a page with information/links to virtual concerts.

The meeting adjourned at 5:00 pm EDT.

Respectfully submitted

Andy Piacsek

Chair, TCMU