

Minutes of the meeting of the Technical Committee on Musical Acoustics  
San Diego, CA  
December 5, 2019  
7:30 p.m.

Andy Piacsek, the chair of the TCMU, called the TCMU meeting to order at 7:30 pm.

Introductions of first-time attendees and students were made, and an attendance sheet was passed around. 24 attendees (including guests) were present.

The chair acknowledged session organizers and chairs for the San Diego meeting:

- session 1pMUa "Asian Musical Instruments" – Jim Cottingham
- session 1pMUb concert: Musical Traditions of Thailand – Jim Cottingham
- session 2aMU "Experimental Methods: Best practices" – Andy Piacsek
- session 3pMU "Machine Learning in Musical Acoustics" – Scott Hawley and Bozena Kostek

Technical Program Organizing Committee:

- Whitney Coyle and Peter Rucz served represented TCMU during the TPO process for San Diego. Thank you to Whitney and Peter for their work!
- Chris Jasinski and Peter Rucz will represent TCMU for the Chicago meeting.

The following announcements were made regarding ASA activities:

#### From Technical Council

- The current policy on photography in technical sessions was discussed. The current policy is essentially "No photography without ASA permission", which is taken to mean the permission of the EC and/or Executive Director. There was general support for relaxing this restriction. Specific suggestions and concerns included:
  - Default is the photography is allowed. Presenters have the responsibility for communicating the desire for no photography. ASA could provide a standard slide to be included at the beginning of a talk.
  - Default is the photography is not allowed. Presenters have the responsibility for indicating that photos are permitted for their talk.
  - Regardless of specific policy, how will it be enforced?
  - What is the photography policy at other societies?
- Meeting costs are expected to rise, mainly due to the market for meetings of our size.
- Reminder of the update to membership application form. Associate members are encouraged to upgrade to full membership.
- All ASA members are encouraged to go to the champions meeting at 2:00 p.m. –4:00 p.m. in Wilkinson Room Thursday to learn more about the strategic plan and to find ways to get involved. All interested members can also use the online volunteer form to get connected to one of the teams.

#### From ASACOS

- The standing offer of five free standards to ASA members each year is being discontinued. The original intent was to raise awareness and encourage use of standards, but the offer is not a sustainable part of the business model.

### International Year of Sound 2020

- Wikipedia editing workshop at the Chicago meeting supports the year-long edit-a-thon for articles related to acoustics. Goal is to have all TCs represented.
- web site hosted by ICA is sound2020.org
- local chapters are being encouraged to host public outreach events
- AIP Media Services is producing a series of short outreach videos under the guidance of ASA Public Relations committee.

### From JASA

- JASA-EL will become fully open access by the end of 2020. Along with the change in access, more pages and figures will be permitted. This will entail an increase in the publication cost from \$500 to \$900, which is still less than the average price for an open access journal.

**Discussion:** The question was raised whether JASA special issues will meet European guidelines for publishing in open access journals.

- Reminder about the Special Issue on Modeling of Musical Instruments
  - Guest editors are Nicholaus Giordano and Vasileios Chatziouannou
  - Deadline for manuscripts is 31 December 2020
- “Reflections” articles: Thomas Moore and Andrew Morrison agreed to serve on a committee to identify suitable JASA papers on Musical Acoustics and related areas.

### Upcoming Meetings update

- Chicago call for papers is out. Abstract deadline is January 6, 2020.
- Cancun attendance poll: **half of TCMU attendees (12 of 24) plan to attend**
- Seattle is now the location for the Spring 2021 meeting
- 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.

### Other meetings of relevance to Musical Acoustics

- ICSV27 will be held 12-16 July 2020 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.

### Task Force A (relations with industry)

1. What new technical/scientific areas should ASA pursue in the near future?
  - a. **neuroscience of music**
  - b. **cover song identification (application of machine learning)**
2. Which older areas that now receive minimal attention should we revisit?
3. Do some of our traditional areas need assistance to be more vital in the future?
  - a. **Financial support for musical acoustics in the U.S. is weak compared to Europe. This has implications for the long-term vitality of this technical area.**

### Task Force B (relations with industry)

The following comments and suggestions were made:

- **research results (not) being adopted by instrument manufacturers**
- **encourage instrument manufacturers to attend meetings**
- **better liason/connection with AES**
- **student internships?**

The best student paper award winners for the Louisville meeting were announced:

- 1<sup>st</sup> place Montserrat Pàmies-Vilà (1pMU4)  
Reproducing tonguing strategies in single-reed woodwinds using an artificial blowing machine
- 2<sup>nd</sup> place Jade Case (2aMU3)  
Nonline generation of sum frequencies in Sitka spruce

Attendees were reminded to submit their rankings of best student paper awards in San Diego.

The list of special sessions in Chicago (Spring 2020) was reviewed:

- Computational Phonogram Archiving (joint with SP, CA) – Rolf Bader
- Music venue acoustics and architecture (joint with AA) – Rolf Bader
- Acoustics of Harps and related instruments - Jim Cottingham  
Technical initiative funding will be requested for a Harp Concert  
There will also be a tour of the Lyon and Healy Harp factory
- John Granzow has agreed to give the Hot Topics talk in Musical Acoustics. The topic is Digital Fabrication in Musical Acoustics.

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)

A final list of sessions for Cancun (Fall 2020) was reviewed and approved:

- Guitar Acoustics – Mark Rau and Jonas Braasch
- Pre-Columbian musical instruments - Jim Cottingham
- Physical modeling and digital fabrication in Musical Acoustics - John Granzow and Jim Cottingham

A preliminary list of sessions ideas for Seattle (Spring 2021) was proposed:

- Brass Musical Instruments – Thom Moore and Vasileios Chatziioannou
- Nonlinearities in Musical Instrument - Nick Giordano and Vasileios Chatziioannou

A preliminary list of sessions ideas for Synday (Fall 2021) was proposed:

- Japanese musical instrument analysis and synthesis – Bozena Kostek and ??
- Vocal tract effects on musical instruments - Noel Hanna and Joe Wolfe

Committee reports:

Medals & Awards - Congratulations to Murray Campbell for receiving the Silver Medal!

Membership Committee – Thom Moore encouraged nominations for ASA Fellow.

Student Council - Eric Rockni reported on the Student Council activities:

- Students Meet Members for Lunch (SMMfL)
- Mentor award was planned for San Diego, but awardee could not attend. The award will be given at the next meeting.

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

Women in Acoustics - Judy Cottingham

Education in Acoustics - Jack Dostal

The Chair alerted attendees that an election for TC Chair will be held this spring. Details of the election process will be sent to TC members.

Final comments were called for from the floor.

The meeting adjourned at 8:40 p.m.

Respectfully submitted

Andy Piacsek

Chair, TCMU