

# Biomedical Acoustics TC Meeting 185th Meeting in Sydney

Chirag\*

December 6, 2023

Technical Committee (TC) Chair: Prof. Julianna C. Simon

## 1. Welcome

- New attendee introduction: Lance, PhD student advised by Mike Averkiou, University of Washington
- Total number of participants: 17
  - 12 non-students
  - 5 students
  - 3-5 stragglers came in late and didn't fill out the sign-in

## 2. Introductory content and summary of TC activities by Prof. Simon. See slides for details (no discussion)

## 3. POMA advertisement by Scott Schoen

## 4. Climate change involving acoustics papers: spread-the-word

## 5. Tech initiative funds discussion

- metamaterials & phononics area of interest
- Funds cannot be rolled over to future years
- Brainstorming other areas of strategic investment?

## 6. Committee to improve racial diversity

- SURIEA funding request for short course
- used to be funded by AIP.
- \$32,000 spent this year

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- Would people like to support this initiative? (silence, then voices of support)
- Tyrone Porter's thoughts
  - Note that this is a new program, i.e., been around only for two years.
  - Visit diversity initiatives on ASA website.
  - Volunteer to be mentor
  - Very straightforward form to fill out about funding, mentorship, lodging needs for students
  - AIP funding was used in 2021-2022
  - Prioritize students at universities that have limited courses/faculty in acoustics.
- ~ 160 – 170 applications per year.
- Social media, advertising at other meetings
- Less than 10% of students accepted.
- Exclusivity due to limited resources. Students have gone on to succeed.
- \$40,000 will be used specifically for short course.

#### 7. Need to fit within themes for 2024 Virtual Meeting

- People liked the lightning talks. Kahoot quizzes?
- Registration costs not yet announced
- Going through publications/describing past publications? Favourite paper presentation? Informal literature review
- Lab tour, there is interest (Tim). "Virtual interaction in lab spaces" is a more general title that includes both general discussion, lab tours, experimental demos (real-time data collection demos)
- Recruiting bigger-name speakers might be easier for a virtual audience
- Best practice for experiments tutorials. Added value due to these tutorials.
- Larry or Kevin might be interested in facilitating a clinician-scientist interaction
- Note that virtual meeting will be before the holidays
- Still unsure, but considering doing virtual meeting every other year, or every few years, will help with budget.

#### 8. New Orleans meeting ad

- Potential sessions discussed
- Vera still interested in wave propagation and aberration in complex media
- Mark Hamilton's thoughts:

- This is the first ICA meeting in the states in a long time.
- Want co-chairs to be US + abroad person. International presence should be emphasized.
- Reach out to European and Asian colleagues. Most proposed sessions so far are in physical acoustics

9. PASS announcement, other announcements (see slides) (no discussion)

10. Vera is now in charge of Awards & Medals

11. Michael's announcement: ASA Academy

- framed as means to generate additional income for ASA
- Think about in 10 years, ASA might have academy, like SURIEA.
- Continuing education program
- Goal is Learn about fundamentals of acoustics in different technical areas.
- Three pilot courses: AA, PP, and BA.
- Think about finding people in industry who might be interested in learning more about fundamentals. Tissue, signal processing, etc.