

PATC Meeting Notes 6/8/2021

Taken by Blake Simon, ASASC PA Representative

- Ferdousi Rawnaque will serve as the new ASA student council PA representative
 - Will take over after the Seattle meeting
- Recognitions
 - Likun Zhang: R. Bruce Lindsay Award
 - Subha Maruvada: Vice-President Elect
 - Traci Neilson: Executive Council
 - Alexandra Loubeau: New Chair of Noise TC
 - New Fellows:
 - Greg Clement
 - Matthew Urban
 - Michael Moldover: Helmholtz-Rayleigh Interdisciplinary Silver Medal in Physical Acoustics and Engineering Acoustics
 - Jim Sabatier: Silver Medal in Acoustics (2019)
- In memoriam:
 - David T. Blackstock
- International Symposium on Nonlinear Acoustics (ISNA)
 - Robin Cleveland, Mark Hamilton
 - Dates: July 3rd-8th 2022
 - The following dates are approximate:
 - Call for abstracts: November 9, 2021
 - Abstract submission: January 21, 2022
 - Early Registration: April 13, 2022
- Winter School on Therapeutic Ultrasound
 - Moved to 2023
 - Vera Khokhlova
 - Not certain, but will probably be in the first or second week in March of 2023
- Physical Acoustics Summer School (PASS)
 - Early summer 2022
 - University of Mississippi
 - Josh Gladden
 - Students that have already been accepted will be able to attend
 - More applications will be accepted
- Student Council Update
 - Blake Simon
 - blakesimon8@utexas.edu

- ASA Student Delegation:
 - asastudents.org/student-delegation/
- SONIC Program:
 - <https://asastudents.org/programs/student-outreach-for-networking-and-integrating-colleagues-sonic/>
- Social Media:
 - Website – asastudents.org
 - Acoustics Programs Database – exploresound.org
 - Twitter – @asastudents
 - Facebook – Acoustical Society of America – Students
 - LinkedIn – Acoustical Society of America Students
- Standards
 - Greg Lyons
 - If you believe there should be a new or updated standard, contact Greg!
- Membership
 - Kent Gee
 - We need nominations for Fellows!
 - We had no nominations this time around
 - Maybe we need a committee to identify potential fellows from Physical Acoustics
 - We encourage all associate members to consider becoming full ASA members
- Medals and Awards
 - Jay Maynard
 - Always need more suggestions for award recipients
 - Don't be afraid to nominate yourself
- Web Committee Chair
 - Alexandra Loubeau is becoming the noise TC chair so we need someone else to take over
 - If interested, email Joel and/or Alexandra: a.loubeau@nasa.gov
- AiF PA Special Sessions
 - Acoustic Wave Propagation Through Polydisperse Scatterers
 - Nick Ovenden, Eleanor Stride
 - Tuesday AM/PM
 - Sonic Boom: Modeling, Measurement, Annoyance and Standards Development
 - Joel Lonzaga, Alexandra Loubeau
 - Wednesday AM/PM
 - Acoustical Methods and Sensors for Challenging Environments
 - Cristian Pantea, Dipen Sinha
 - Thursday AM/PM

- Seattle, WA
 - November 28 – December 3
 - Conference Chair: Todd Hefner; Technical Chair: Aubrey Espan
 - Special Sessions:
 - Session in Honor of David T. Blackstock
 - Mark Hamilton, Tom Muir
 - Impact of Logan Hargrove on Physical Acoustics
 - Preston Wilson, Ralph Muehleisen, Veerle Keppens
 - Infrasound
 - Roger Waxler, Phil Blom
 - Wind Noise
 - Greg Lyons, Kirk Alberts, Rich Raspet
 - Particle velocity sensing and associated signal processing
 - Kirk Alberts, Ning Xiang

- Future Meetings
 - 2022: Denver, CO
 - 23-27 May
 - 2022: Nashville, TN
 - 5-9 December
 - 2023: Chicago, IL
 - 8-12 May
 - 2023: Sydney, Australia
 - 6-10 December
 - 2025: New Orleans, LA (Joint with ICA)
 - Chair: Mark Hamilton

- Proposals for Special Sessions in Denver (Spring 2022)
 - Vortex Beams
 - Likun Zhang
 - Progress on sonic boom modeling, measurement, and signal processing
 - Joel Lonzaga
 - Sonic Boom Focusing Modeling and Prediction
 - Alexandra Loubeau
 - Acoustic Remote Sensing in an Urban Environment
 - Max Denis, Sandra Collier
 - Meteorological Acoustics
 - Roger Waxler
 - Machine Learning Applications in Metamaterial Designs
 - Feruza Amirkulova
 - **Special Session Proposal Form:** <https://forms.gle/pQxgtfJs3EuZvSf77>

- Proposals for Specials Sessions in Nashville (Fall 2022)
 - Ultrasonic assessment of properties in complex materials
 - Marie Muller, Andrea Arguelles
 - Acoustofluidics
 - Max Denis, Charles Thompson

- **Special Session Proposal Form:** <https://forms.gle/846gDEUrvswNifcl8>
- Committee to Improve Racial Diversity and Inclusivity (CIRDI)
 - Tyrone Porter and Peggy Nelson, co-chairs
 - Research/Internship program for minority students –Summer 2021
 - Workshop (3 weeks)
 - Laboratory research or other hands-on experience (≥ 6 weeks)
 - AIP, ASA Foundation, EC providing funds
 - TC contributions (e.g., \$7k adds one student)
 - Mentors, instructors
 - <https://acousticalsociety.org/diversity-initiatives/>
 - SURIEA: Summer Undergraduate Research or Internship Experience in Acoustics
 - 16 participants
 - Black, Latina/o, Pacific Islands, Caribbean, Native American
 - From Physics to the Humanities
 - Promote, identify and support research in acoustics that engages Diversity Equity and Inclusion (DEI)
 - Please contact Joel (or Tyrone) if you have information
 - Tyrone Porter: tmp6@utexas.edu
- PA Chair Election Procedures
 - Nominating Committee
 - Current chair + previous two
 - Committee members will take suggestions but they are not “official” nominations
 - Voting
 - Attendees of Fall meeting only (only 2 TC’s do it this way)
 - Tiebreaker
 - Chair vote only counts in case of tie
 - Proposal:
 - Nominating Committee
 - Current chair + previous two
 - Polls Results: this won with 82%
 - Committee appointed by chair (3 persons)
 - Poll Results: 18%
 - Voting
 - Current: Attendees of Fall meeting only (only 2 TC’s do it this way)
 - Poll Results: 5%
 - All TC members
 - Poll Results: this won with 56%
 - All TC members plus ASA members in attendance at Fall meeting
 - Poll Results: 32%

- Tiebreaker
 - Chair vote only counts in case of tie
 - Cast beforehand?
 - Poll: 24%
 - Cast after?
 - Poll: 32%
 - Coin flip
 - Poll: 21%
 - Committee
 - Poll: 24%
- ASA Core Values
 - Intended to be used as a baseline whenever some unexpected scenario happens
 - Phil Marston: reiterate that our definition of acoustics is broad
 - ASA is a researching society, as opposed to something like AIUM
- Future of Meetings
 - Comments on AiF?
 - Hybrid format in the future?
 - Hybrid format could decrease in-person attendance
 - Mark Hamilton:
 - Main concerns are time zones and cost
 - Dan Russell:
 - How does attendance at virtual PA TC meetings compare to in-person? Would keeping a virtual component to the TC meeting allow more TC members to participate even if they can't afford to attend the physical meeting?
 - Any other suggestions?
- Publications
 - JASA
 - 5 weeks to 1st decision
 - 20 weeks to acceptance
 - Impact Factor
 - 1.9 (PA is 1.8 specifically)
 - Acceptance rate is 55%
 - There are 160 PA articles per year
 - JASA-EL
 - 12 weeks to acceptance
 - No impact factor yet
 - Acceptance rate is 53%
 - In general, special content issues give a big boost to impact factor
- Phil Marston
 - How can ASA publications engage people on social media?

- David Blackstock memorial
 - Mark Hamilton presented a slide show about David, and other attendees paid tribute.

55 participants attended the meeting