

TECHNICAL PROGRAM CALENDAR
182nd Meeting of the Acoustical Society of America
23—27 May 2022

Please refer to the Itinerary Planner and Mobile App for Updated Information

Monday Morning

- 9:00 1aAA **Architectural Acoustics and Noise:** Outdoor Performance and Sports Facilities. Plaza Ballroom F
- 8:20 1aAB **Animal Bioacoustics, Acoustical Oceanography, Signal Processing in Acoustics, and Underwater Acoustics:** Open-Source and Free Tools for Bioacoustics. Governors Square 17
- 8:45 1aBA **Biomedical Acoustics: General Topics in Biomedical Acoustics:** Bubbles and Cavitation. Governors Square 15
- 9:00 1aNS **Noise, Architectural Acoustics, and ASA Committee on Standards:** Standards, Codes, and Criteria Applications in the Real World I. Plaza Ballroom E
- 8:00 1aPAa **Physical Acoustics, Computational Acoustics, Signal Processing in Acoustics, Animal Bioacoustics, Engineering Acoustics, Noise, Architectural Acoustics:** Acoustical Remote Sensing in Urban Environments. Governors Square 11
- 9:55 1aPAb **Physical Acoustics and Biomedical Acoustics:** Advances in Sonochemistry I. Governors Square 16
- 8:15 1aSA **Structural Acoustics and Vibration and Physical Acoustics:** Nonlinear Metamaterials and Phononics. Governors Square 12
- 9:00 1aSC **Speech Communication:** Speech Production and Acoustics I (Poster Session). Plaza Exhibit Hall
- 8:35 1aUW **Underwater Acoustics and Acoustical Oceanography:** Understanding and Representing Uncertainty in Underwater Acoustic Models I. Governors Square 14

Monday Afternoon

- 1:30 1pAA **Architectural Acoustics, Noise, Psychological and Physiological Acoustics, and Speech Communication:** Balancing Speech Intelligibility with Privacy for Indoor Spaces. Plaza Ballroom F
- 1:00 1pBA **Biomedical Acoustics, Physical Acoustics, and Signal Processing in Acoustics:** Emerging Techniques Involving Super-Resolution Imaging Including Image Processing Methods, Applications, and Instrumentation. Governors Square 15

- 1:00 1pCAa **Computational Acoustics, Biomedical Acoustics, Physical Acoustics, Underwater Acoustics, Structural Acoustics and Vibration, Noise, Musical Acoustics, and Architectural Acoustics:** Finite and Boundary Element Methods Across Acoustics. Governors Square 12
- 2:25 1pCAb **Computational Acoustics, Signal Processing in Acoustics, Biomedical Acoustics, Physical Acoustics, and Structural Acoustics and Vibration:** Contributions in Emerging Methods for Design and Optimization in Computational Acoustics. Governors Square 12
- 1:00 1pEA **Engineering Acoustics:** General Topics in Engineering Acoustics. Plaza Ballroom A
- 1:00 1pMU **Musical Acoustics:** General Topics in Musical Acoustics I. Directors Row H
- 1:00 1pPA **Physical Acoustics and Biomedical Acoustics:** Advances in Sonochemistry II. Governors Square 16
- 1:00 1pSC **Speech Communication:** Speech Production and Acoustics II (Poster Session). Plaza Exhibit Hall
- 1:00 1pUW **Underwater Acoustics and Acoustical Oceanography:** Understanding and Representing Uncertainty in Underwater Acoustic Models II. Governors Square 14

Monday Afternoon

- 4:00 1eID **Interdisciplinary:** Keynote Lecture. Plaza Ballroom D

Tuesday Morning

- 8:25 2aAA **Architectural Acoustics:** Acoustic Comfort in Healthcare Facilities I. Plaza Ballroom A
- 8:20 2aAB **Animal Bioacoustics, Acoustical Oceanography, and Underwater Acoustics:** Whitlow Au Memorial Session I. Governors Square 17
- 8:55 2aBAa **Biomedical Acoustics:** New Developments in Lung Ultrasound I. Governors Square 14
- 9:00 2aBAb **Biomedical Acoustics:** For a Few Bubbles More: Recent Developments in Medical Ultrasound I. Governors Square 15
- 9:00 2aMU **Musical Acoustics and Education in Acoustics:** Strategies for Online and Hybrid Teaching of Musical Acoustics. Directors Row H

9:00	2aNS	Noise: Rockets, Wind Turbines, and Other Topics on Noise. Plaza Ballroom F			Sonic Boom Focusing Predictions. Governors Square 10
7:55	2pAa	Physical Acoustics, Computational Acoustics, Noise, and Signal Processing in Acoustics: Progress in Sonic Boom Modeling, Processing, and Analysis on Community Response. Governors Square 10	1:00	2pPAb	Physical Acoustics, Biomedical Acoustics, and Structural Acoustics and Vibration: Vortex Beams and Radiation Torques II. Governors Square 11
7:55	2pAB	Physical Acoustics, Biomedical Acoustics, and Structural Acoustics and Vibration: Vortex Beams and Radiation Torques I. Governors Square 11	1:00	2pPPa	Psychological and Physiological Acoustics: Animal Physiology. Plaza Ballroom D
8:30	2aPP	Psychological and Physiological Acoustics and Speech Communication: Age-Related Changes in Mechanisms of Speech Perception. Plaza Ballroom D	2:00	2pPPb	Psychological and Physiological Acoustics: Clinical Populations and Devices I (Poster Session). Plaza Exhibit Hall
8:15	2aSAa	Structural Acoustics and Vibration and Physical Acoustics: Willis Coupling in Acoustic and Elastic Media. Governors Square 12	1:15	2pSA	Structural Acoustics and Vibration, Engineering Acoustics, and Physical Acoustics: Acoustic Metamaterials II. Governors Square 12
10:00	2aSAb	Structural Acoustics and Vibration, Engineering Acoustics, and Physical Acoustics: Acoustic Metamaterials I. Governors Square 12	1:00	2pSC	Speech Communication: Instrumentation and Method for Speech Analysis (Poster Session). Plaza Exhibit Hall
9:00	2aSC	Speech Communication: Race, Racialization, and Racism in Speech Perception. Plaza Ballroom E	1:15	2pSP	Signal Processing in Acoustics: General Topics in Signal Processing I. Governors Square 16
8:30	2aSP	Signal Processing in Acoustics, Underwater Acoustics, Engineering Acoustics, Physical Acoustics, and Animal Bioacoustics: Cognitive SONAR. Governors Square 16	1:00	2pUW	Underwater Acoustics and Acoustical Oceanography: Collaborative Measurements in Underwater Acoustics: A Memorial Session for John R. Preston. Plaza Ballroom F
Tuesday Afternoon			Wednesday Morning		
1:05	2pAA	Architectural Acoustics: Acoustic Comfort in Healthcare Facilities II. Plaza Ballroom A	8:15	3aAA	Architectural Acoustics, ASA Committee on Standards, Noise, Physical Acoustics, and Biomedical Acoustics: Advanced Measurement and Modeling of Sound Absorption and Scattering I. Plaza Ballroom F
1:00	2pAB	Animal Bioacoustics: Whitlow Au Memorial Session II and Underwater Acoustics. Governors Square 17	8:20	3aAB	Animal Bioacoustics: Animal Bioacoustics: Behavior and Physiology. Governors Square 17
1:00	2pBAa	Biomedical Acoustics: For a Few Bubbles More: Recent Developments in Medical Ultrasound II. Governors Square 15	8:30	3aAO	Acoustical Oceanography: Acoustic Sensing of Biological and Physical Processes in Littoral Environments. Governors Square 14
1:00	2pBAb	Biomedical Acoustics: New Developments in Lung Ultrasound II. Governors Square 14	8:00	3aBA	Biomedical Acoustics and Physical Acoustics: Bubble-Cell Interaction I. Governors Square 15
1:00	2pED	Education in Acoustics, Engineering Acoustics, and Architectural Acoustics: Connecting Industry and Education. Directors Row H	8:00	3aEA	Engineering Acoustics, Structural Acoustics and Vibration, and Physical Acoustics: Smart Metamaterials and Metastructures I. Governors Square 10
2:00	2pNS	Noise, Architectural Acoustics, and ASA Committee on Standards: Standards, Codes, and Criteria Applications in the Real World II. Plaza Ballroom E	9:00	3aMU	Musical Acoustics: General Topics in Musical Acoustics II. Directors Row H
1:00	2pPaa	Physical Acoustics, Noise, Biomedical Acoustics, and Computational Acoustics:	8:05	3aPA	Physical Acoustics and Noise: Meteorological Acoustics I. Governors Square 11

7:50 3aPPa **Psychological and Physiological Acoustics:** Binaural Hearing. Plaza Ballroom D

9:55 3aPPb **Psychological and Physiological Acoustics:** Clinical Populations and Devices II. Plaza Ballroom D

10:00 3aSA **Structural Acoustics and Vibration, Computational Acoustics, and Engineering Acoustics:** Dynamic Substructuring Techniques and Their Application to Structural Acoustics. Governors Square 12

8:30 3aSC **Speech Communication:** Children's Speech Intelligibility I. Plaza Ballroom E

Wednesday Afternoon

1:30 3pAA **Architectural Acoustics, ASA Committee on Standards, Noise, Physical Acoustics, and Biomedical Acoustics:** Advanced Measurement and Modeling of Sound Absorption and Scattering II. Plaza Ballroom F

1:00 3pBAa **Biomedical Acoustics and Physical Acoustics:** Bubble-Cell Interaction II. Governors Square 15

1:00 3pBAb **Biomedical Acoustics:** Biomedical Acoustics Best Student Paper Poster Session. Plaza Exhibit Hall

1:00 3pCA **Computational Acoustics, Signal Processing in Acoustics, and Structural Acoustics and Vibration:** Application of Model Reduction Across Acoustics. Governors Square 12

1:00 3pEA **Engineering Acoustics, Structural Acoustics and Vibration, and Physical Acoustics:** Smart Metamaterials and Metastructures II. Governors Square 10

2:40 3pID **Interdisciplinary:** Hot Topics in Acoustics. Plaza Ballroom D

1:00 3pMU **Musical Acoustics:** Evolution and Maturation of Musical Acoustics. Directors Row H

1:00 3pPA **Physical Acoustics and Noise:** Meteorological Acoustics II. Governors Square 11

1:20 3pPP **Psychological and Physiological Acoustics:** Auditory Neuroscience Prize Lecture. Plaza Ballroom D

1:00 3pSC **Speech Communication:** Children's Speech Intelligibility II. Plaza Ballroom E

1:00 3pSP **Signal Processing in Acoustics:** General Topics in Signal Processing II. Governors Square 16

1:00 3pUW **Underwater Acoustics:** General Topics in Underwater Acoustics I: Modeling and Measurements. Governors Square 14

Thursday Morning

9:00 4aAA **Architectural Acoustics, Musical Acoustics, Education in Acoustics, and Noise:** Music Education Facilities I. Plaza Ballroom F

8:00 4aBA **Biomedical Acoustics:** General Topics in Biomedical Acoustics: Elastography and Therapeutics. Governors Square 15

8:00 4aNS **Noise and Psychological and Physiological Acoustics:** Health Effects of Noise. Plaza Ballroom D

8:30 4aPA **Physical Acoustics:** General Topics in Physical Acoustics I. Governors Square 11

9:00 4aPP **Psychological and Physiological Acoustics:** Psychophysics, Methods, Models (Poster Session). Plaza Exhibit Hall

8:30 4aSAa **Structural Acoustics and Vibration:** Absorption, Isolation, and Noise Mitigation. Governors Square 12

10:30 4aSAb **Structural Acoustics and Vibration:** Acoustic Radiation from Structures. Governors Square 12

9:00 4aSC **Speech Communication:** Perspectives on Long-Distance Coarticulation. Plaza Ballroom E

8:30 4aSP **Signal Processing in Acoustics, Computational Acoustics, Underwater Acoustics, and Physical Acoustics:** Model Based Signal Processing, Bayesian Learning, and Machine Learning I. Governors Square 16

8:30 4aUW **Underwater Acoustics:** General Topics in Underwater Acoustics II. Governors Square 14

Thursday Afternoon

1:30 4pAA **Architectural Acoustics, Musical Acoustics, Education in Acoustics, and Noise:** Music Education Facilities II. Plaza Ballroom F

1:00 4pAB **Animal Bioacoustics, Noise, Acoustical Oceanography, and Underwater Acoustics:** Acoustical Impacts and Monitoring Protocols Associated with Offshore Windfarms. Governors Square 17

1:20 4pAO **Acoustical Oceanography:** Topics in Acoustical Oceanography. Governors Square 14

1:30 4pBA **Biomedical Acoustics, Education in Acoustics, and Physical Acoustics:** Ultrasound and Its Role in Powering, Sensing and Communicating for Medical and Non-Medical Applications. Governors Square 15

1:00 4pEA **Engineering Acoustics, Education in Acoustics Architectural Acoustics, Noise, and Physical Acoustics:** Low Cost Acoustical Measurement Systems. Governors Square 10

1:00 4pNS **Noise, Architectural Acoustics, Signal Processing in Acoustics, Computational Acoustics, and Psychological and Physiological Acoustics:** Soundscape and Virtual Reality. Plaza Ballroom A

1:00 4pPA **Physical Acoustics, Structural Acoustics and Vibration, Signal Processing in Acoustics, Engineering Acoustics, and Computational Acoustics:** Machine Learning in Acoustic Metamaterials. Governors Square 11

1:30 4pPP **Psychological and Physiological Acoustics:** Human and Animal Physiology (Poster Session). Plaza Exhibit Hall

1:00 4pSC **Speech Communication:** Speech Perception I (Poster Session). Plaza Exhibit Hall

1:00 4pSP **Signal Processing in Acoustics, Computational Acoustics, Underwater Acoustics, and Physical Acoustics:** Model Based Signal Processing, Bayesian Learning, and Machine Learning II. Governors Square 16

Friday Morning

8:30 5aAA **Architectural Acoustics, ASA Committee on Standards, and Noise:** Courts and Municipal Buildings. Plaza Ballroom F

8:00 5aPA **Physical Acoustics:** General Topics in Physical Acoustics II. Governors Square 11

9:00 5aSC **Speech Communication:** Speech Perception II (Poster Session). Plaza Exhibit Hall

9:00 5aUW **Underwater Acoustics:** General Topics in Underwater Acoustics III. Governors Square 14