

TECHNICAL PROGRAM CALENDAR
183rd Meeting of the Acoustical Society of America
5–9 December 2022

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

Monday Morning

			1:00	1pSC	Speech Communication: Methods and Instrumentation in Speech (Poster Session). Summit E
8:20	1aAA	Architectural Acoustics: Acoustical Challenges in Small Rooms I. Summit A			
9:00	1aAB	Animal Bioacoustics and Psychological and Physiological Acoustics: Effects of COVID-19 on Animals and Soundscapes. Grand Hall A	1:30	1pSP	Signal Processing in Acoustics: Signal Processing in Acoustics Poster Session. Summit E
8:00	1aAO	Acoustical Oceanography, Underwater Acoustics, and Animal Bioacoustics: Shelfbreak Acoustics I. North Coast A	4:00	1eID	Interdisciplinary: Keynote Lecture. Grand Hall A
8:45	1aBA	Biomedical Acoustics: 150th Anniversary Celebration of Paul Langevin: Inventor of Modern Ultrasound (Hybrid Session). Mill Yard A			
9:00	1aNS	Noise and Psychological and Physiological Acoustics: Community Impacts Associated with Entertainment Sound. Summit B			
8:00	1aPA	Physical Acoustics and Biomedical Acoustics: Acoustofluidics. Golden Pass			
9:00	1aSA	Structural Acoustics and Vibration: Tunable Metamaterials. Golden Eagle B			
9:00	1aSP	Signal Processing in Acoustics: Machine Learning in Signal Processing. Rail Yard			

Monday Afternoon

1:20	1pAA	Architectural Acoustics: Acoustical Challenges in Small Rooms II. Summit A			
1:00	1pAO	Acoustical Oceanography, Underwater Acoustics, and Animal Bioacoustics: Shelfbreak Acoustics II. North Coast A			
1:00	1pBA	Biomedical Acoustics: General Topics in Biomedical Acoustics I: Assessment of Tissue Material Properties. Mill Yard A			
1:00	1pCA	Computational Acoustics, Biomedical Acoustics, and Signal Processing in Acoustics: Physics-Informed Artificial Intelligence/Machine Learning for Acoustics (Hybrid Session). Summit C			
1:00	1pEA	Engineering Acoustics: General Topics in Engineering Acoustics. Lionel			
1:00	1pMU	Musical Acoustics: General Topics in Musical Acoustics I–Perception and Psychoacoustics. Rail Head			
1:00	1pPA	Physical Acoustics: General Topics Physical Acoustics I: Acoustic Manipulation and Atmospheric Propagation. Golden Pass			
			8:30	2aAa	Architectural Acoustics, Noise, and ASA Committee on Standards: Sound Transmission and Impact Noise in Buildings. Summit A
			9:00	2aAab	Architectural Acoustics: Student Design Competition (Poster Session). Summit E
			8:30	2aAB	Animal Bioacoustics: General Topics in Animal Bioacoustics I - Terrestrial. Grand Hall A
			8:30	2aAO	Acoustical Oceanography, Underwater Acoustics, and Signal Processing in Acoustics: Acoustical Remote Sensing, Navigation, and Passive Monitoring in the Polar Ocean I North Coast A
			8:30	2aBAa	Biomedical Acoustics, Computational Acoustics, and Signal Processing in Acoustics: Deep Learning in Ultrasound Imaging and Tissue Characterization I. Lookout
			8:30	2aBAb	Biomedical Acoustics: Look How Big You've Gotten! A Story of Droplets and Ultrasound I. Mill Yard A
			9:00	2aCA	Computational Acoustics and Biomedical Acoustics: Numerical Approaches for Complex Media and Geometries I. Summit C
			9:00	2aMU	Musical Acoustics: General Topics in Musical Acoustics II–Sound Production and Radiation. Rail Head
			8:00	2aNS	Noise and Psychological and Physiological Acoustics: Methods for Community Noise Testing and Analysis I. Summit B
			8:00	2aPAa	Physical Acoustics, Structural Acoustics and Vibration, and Biomedical Acoustics: Effective Medium Theories in Acoustics. Golden Pass
			9:15	2aPAb	Physical Acoustics and Structural Acoustics and Vibration: Frontiers of Resonant Ultrasound Spectroscopy and Its Applications I. Golden Pass

Tuesday Morning

9:00	2aPP	Psychological and Physiological Acoustics: Cochlear Implants and Computation Grand Hall C	1:00	2pNS	Noise and Psychological and Physiological Acoustics: Methods for Community Noise Testing and Analysis II. Summit B
8:30	2aSA	Structural Acoustics and Vibration and Engineering Acoustics: Additive Manufacturing and Acoustics. Golden Eagle B	1:00	2pPA	Physical Acoustics and Structural Acoustics and Vibration: Frontiers of Resonant Ultrasound Spectroscopy and Its Applications II. Golden Pass
9:00	2aSC	Speech Communication, Architectural Acoustics, Noise, and Psychological and Physiological Acoustics: Acoustics and Communication in Healthcare Settings (Hybrid Session). Grand Hall B	1:00	2pPP	Psychological and Physiological Acoustics: Speech and Pitch Perception. Grand Hall C
8:00	2aSP	Signal Processing in Acoustics and Structural Acoustics and Vibration: Active Control of Sound and Vibration (Hybrid Session). Rail Yard	1:30	2pSA	Structural Acoustics and Vibration and Computational Acoustics: Surrogate and Reduced-Order Modeling for Structural Acoustics Applications. Golden Eagle B
8:00	2aUW	Underwater Acoustics and Acoustical Oceanography: Mud Acoustics I. North Coast B	1:00	2pSC	Speech Communication: Healthcare Settings and Clinical Population (Poster Session) Summit E
Tuesday Afternoon			1:00	2pSP	Signal Processing in Acoustics: General Topics in Signal Processing. Rail Yard
1:00	2pAA	Architectural Acoustics, Musical Acoustics, and Signal Processing in Acoustics: Recording Studios (Hybrid Session). Summit A	1:00	2pUW	Underwater Acoustics and Acoustical Oceanography: Mud Acoustics II. North Coast B
1:00	2pAB	Animal Bioacoustics: General Topics in Animal Bioacoustics II – Marine. Grand Hall A	Wednesday Morning		
1:00	2pAO	Acoustical Oceanography, Underwater Acoustics, and Signal Processing in Acoustics: Acoustical Remote Sensing, Navigation, and Passive Monitoring in the Polar Ocean II. North Coast A	9:00	3aAA	Architectural Acoustics, Noise, and Psychological and Physiological Acoustics: Architectural Acoustics and Audio – Even Better Than the Real Thing I. Summit A
1:00	2pBAa	Biomedical Acoustics, Computational Acoustics, and Signal Processing in Acoustics: Deep Learning in Ultrasound Imaging and Tissue Characterization II. Lookout	8:30	3aAO	Acoustical Oceanography: Acoustical Sensing of Ocean Turbulence, Mixing, and Stratification (Hybrid Session). North Coast A
1:15	2pBAb	Biomedical Acoustics: Look How Big You've Gotten! A Story of Droplets and Ultrasound II. Mill Yard A	8:30	3aBA	Biomedical Acoustics: Ultrasound Therapy in the Brain. Mill Yard A
3:40	2pBAc	Biomedical Acoustics: Tribute to Fellows and Award Winners of the BATC–2022. Mill Yard A	8:00	3aCA	Computational Acoustics: Learning and Stochastic Modeling in Computational Acoustics I. Summit C
1:00	2pCA	Computational Acoustics and Biomedical Acoustics: Numerical Approaches for Complex Media Geometries II. Summit C	8:15	3aNS	Noise and Psychological and Physiological Acoustics: Acoustics Design of Indoor and Outdoor Firing Ranges, and Protection from High Level Impulse Noise. Summit B
1:00	2pEA	Engineering Acoustics, Computational Acoustics, and Structural Acoustics and Vibration: Automotive Acoustics (Hybrid Session). Lionel	8:00	3aPAa	Physical Acoustics and Computational Acoustics: Infrasound I. Golden Pass
1:00	2pID	Interdisciplinary and Student Council: Graduate Programs in Acoustics Poster Session. Summit E	8:20	3aPAb	Physical Acoustics and Education in Acoustics: My Favorite Homework Problems (Based on Measurements, Demonstrations, or Experimental Data). Lionel
			8:00	3aSA	Structural Acoustics and Vibration and Computational Acoustics: Acoustic Metamaterials. Golden Eagle B
			8:00	3aSC	Speech Communication: Speech Perception (Poster Session). Summit E

9:00 3aSP **Signal Processing in Acoustics:** Signal Processing for Musical Audio Production. Rail Yard

Wednesday Afternoon

1:00 3pAA **Architectural Acoustics, Noise, and Psychological and Physiological Acoustics:** Architectural Acoustics and Audio – Even Better Than the Real Thing II. Summit A

1:00 3pBA **Biomedical Acoustics:** Modern Image Quality Assessment. Mill Yard A

1:00 3pCA **Computational Acoustics:** Learning and Stochastic Modeling in Computational Acoustics II. Summit C

1:00 3pED **Education in Acoustics:** Acoustics Education Prize Lecture. Grand Hall C

2:15 3pID **Interdisciplinary:** Hot Topics in Acoustics. Grand Hall C

1:00 3pNS **Noise:** Topics on Noise: Noise Induced Hearing Loss and Community Noise. Summit B

1:00 3pPAa **Physical Acoustics and Computational Acoustics:** Infrasound II. Golden Pass

1:00 3pPAb **Physical Acoustics and Signal Processing in Acoustics:** Particle Velocity Sensing and Associated Signal Processing. Lionel

1:00 3pPP **Psychological and Physiological Acoustics:** Psychological and Physiological Acoustics Poster Session I. Summit E

1:00 3pSC **Speech Communication:** Topics in Speech Production. Grand Hall B

1:00 3pUW **Underwater Acoustics, Acoustical Oceanography, and Computational Acoustics:** Updating Ocean Acoustic Situational Awareness with In-situ Measurements. North Coast B

Thursday Morning

8:30 4aAA **Architectural Acoustics and ASA Committee on Standards:** Show Your Data: Architectural Acoustics Metrics. Summit A

8:00 4aAO **Acoustical Oceanography:** Topics in Acoustical Oceanography. North Coast A

9:00 4aBAa **Biomedical Acoustics:** Detection and Quantification of Bubble Activity in Therapeutic Ultrasound I. Mill Yard A

9:00 4aBAb **Biomedical Acoustics and Signal Processing in Acoustics:** Novel Ultrasound Beamforming Techniques and Their Applications I. Lookout

9:00 4aMU **Musical Acoustics:** Modeling and Simulation of Physical Effects in Sound Reproduction. Rail Head

8:30 4aNS **Noise, Computational Acoustics, Physical Acoustics, Signal Processing in Acoustics, and Structural Acoustics and Vibration:** Jet and Launch Vehicle Noise I (Hybrid Session). Summit B

8:00 4aPAa **Physical Acoustics and Biomedical Acoustics:** Interaction of Light and Sound I (Hybrid Session). Lionel

9:00 4aPAb **Physical Acoustics:** General Topics in Physical Acoustics II. Summit C

10:00 4aPP **Psychological and Physiological Acoustics:** Psychological and Physiological Acoustics Poster Session II. Summit E

9:00 4aSAa **Structural Acoustics and Vibration:** Fluid Structure Interaction. Golden Eagle B

10:30 4aSAb **Structural Acoustics and Vibration:** Analysis of Vibratory Systems. Golden Eagle B

8:40 4aSC **Speech Communication and Psychological and Physiological Acoustics:** Bilingualism and the Brain. Grand Hall B

8:30 4aSP **Signal Processing in Acoustics:** Dispersive Wave Signal Processing I. Rail Yard

8:00 4aUW **Underwater Acoustics and Acoustical Oceanography:** Memorial Session for Lisa Zurk I (Hybrid Session). North Coast B

Thursday Afternoon

1:30 4pBAa **Biomedical Acoustics and Signal Processing in Acoustics:** Novel Ultrasound Beamforming Techniques and Their Applications II. Lookout

1:00 4pBAb **Biomedical Acoustics:** Detection and Quantification of Bubble Activity in Therapeutic Ultrasound II. Mill Yard A

1:00 4pCA **Computational Acoustics and Biomedical Acoustics:** Finite Difference Time Domain Methods Across Acoustics. Summit C

1:00 4pED **Education in Acoustics:** Connecting Industry and Education (Hybrid Session). Summit A

1:00 4pNS **Noise, Computational Acoustics, Physical Acoustics, Signal Processing in Acoustics, and Structural Acoustics and Vibration:** Jet and Launch Vehicle Noise II (Hybrid Session). Summit B

1:00	4pPAa	Physical Acoustics: Physical Acoustics Best Student Paper Competition. Summit E	9:15	5aBA	Biomedical Acoustics: General Topics in Biomedical Acoustics II: Imaging and Therapeutics. Mill Yard A
1:30	4pPAb	Physical Acoustics and Biomedical Acoustics: Interaction of Light and Sound II (Hybrid Session). Lionel	8:00	5aPA	Physical Acoustics and Biomedical Acoustics: Ultrasonic Assessment of Properties in Complex Materials I. Golden Eagle B
1:00	4pSC	Speech Communication: Bilingualism and Second Language Acquisition (Poster Session). Summit E	8:00	5aSC	Speech Communication: Speech Production (Poster Session). Summit E
1:00	4pSP	Signal Processing in Acoustics: Dispersive Wave Signal Processing II. Rail Yard	9:00	5aUW	Underwater Acoustics: General Topics in Underwater Acoustics I. North Coast B
1:00	4pUW	Underwater Acoustics and Acoustical Oceanography: Memorial Session for Lisa Zurk II (Hybrid Session). North Coast B			

Friday Morning

9:00	5aAA	Architectural Acoustics and Noise: Sound with Context: Cultural Heritage Acoustics Summit A
8:30	5aAB	Animal Bioacoustics: Mapping Acoustic Features to Production Mechanisms in Speech and Animal Communication. Grand Hall A

Friday Afternoon

1:00	5pPA	Physical Acoustics and Biomedical Acoustics: Ultrasonic Assessment of Properties in Complex Materials II. Golden Eagle B
1:00	5pUW	Underwater Acoustics: General Topics in Underwater Acoustics II. North Coast B