

TECHNICAL PROGRAM SUMMARY

*Indicates Special Session

Monday morning

- *1aAB Comparative Neurophysiology of the Auditory System I: Session in Honor of Albert Feng
- *1aAO Acoustics of High Latitude Oceans I
- 1aNS Environmental and Community Noise
- *1aPA Phononic Metamaterials I
- *1aSP Direction of Arrival (DOA) Estimation, Source Localization, Classification, and Tracking Using Small Aperture Arrays I

Monday afternoon

- *1pAA Sustainability and Acoustics
- *1pAB Comparative Neurophysiology of the Auditory System II: Session in Honor of Albert Feng
- *1pAO Acoustics of High Latitude Oceans II
- 1pBA Medical Ultrasound and Imaging
- *1pNS Soundscape and Its Application
- *1pPA Phononic Metamaterials II
- *1pSP Direction of Arrival (DOA) Estimation, Source Localization, Classification, and Tracking Using Small Aperture Arrays II

Monday evening

- *1eID Tutorial Lecture on Sonic Booms: A “Super” Sonic Saga

Tuesday morning

- *2aAA Acoustics of Multifamily Dwellings
- 2aAB Bioacoustics Across Disciplines: Detecting and Analyzing Sounds
- *2aAO Passive-Acoustic Inversion Using Sources of Opportunity I
- *2aBA Wave Propagation in Complex Media: From Theory to Applications I
- *2aEAa Vector Sensors: Theory and Applications
- 2aEAb Analysis of Sound Sources
- *2aED Effective and Engaging Teaching Methods in Acoustics
- *2aNS Damage Risk Criteria for Noise Exposure I
- *2aSA Flow-Induced Vibration
- 2aSCa Speech Production Potpourri (Poster Session)
- 2aSCb Analysis and Processing of Speech Signals (Poster Session)
- 2aSP Detection, Feature Recognition, and Communication

Tuesday afternoon

- *2pAAa Directivities of Musical Instruments and Their Effects in Performance Environments, Room Simulations, Acoustical Measurements, and Audio I
- *2pAAb Measuring Sound Fields in Healthcare Environments
- 2pABa Bioacoustics Across Disciplines: Emitting Sound
- 2pABb Bioacoustics (Poster Session)
- *2pAO Passive-Acoustic Inversion Using Sources of Opportunity II
- *2pBA Wave Propagation in Complex Media: From Theory to Applications II
- 2pEA Analysis of Sound Sources, Receivers, and Attenuators
- *2pED Take 5’s
- *2pID Guidance From the Experts: Applying for Grants and Fellowships
- *2pNS Damage Risk Criteria for Noise Exposure II
- *2pPA Acoustic Characterization of Critical Phenomena
- *2pSA Structural Acoustics and Vibration in Buildings
- 2pSCa Forensic Acoustics, Speaker Identification, and Voice
- 2pSCb Speech Perception Potpourri (Poster Session)

Wednesday morning

- *3aAAa Directivities of Musical Instruments and Their Effects in Performance Environments, Room Simulations, Acoustical Measurements, and Audio II
- *3aAAb Worship Space Acoustics: Three Decades of Design
- *3aAO Munk Award Lecture
- *3aBAa Sonothrombolysis
- 3aBAB Therapeutic Ultrasound, Microbubbles, and Bioeffects I

- *3aEA Test Facilities and Acoustic Calibration
- *3aED Undergraduate Research Exposition (Poster Session)
- *3aNS Role of Fit-Testing Systems for Hearing Protection Devices
- 3aPA General Topics In Physical Acoustics I
- 3aPP Psychological and Physiological Acoustics Potpourri (Poster Session)
- *3aSA Nonlinear Techniques for Nondestructive Evaluation
- 3aSC Various Topics in Speech Communication
- *3aSP Random Matrix Theory in Acoustics and Signal Processing
- *3aUW 50 Years of Underwater Acoustics under ASA

Wednesday afternoon

- *3pAA AIA CEU Course Presenters Training Session
- 3pBA Therapeutic Ultrasound, Microbubbles, and Bioeffects II
- *3pED Acoustics Education Prize Lecture
- *3pID Hot Topics in Acoustics
- 3pSC Speech Style and Sociophonetics (Poster Session)

Thursday morning

- *4aAA Acoustic Comfort in Building Indoor Environmental Quality (IEQ) Performance I
- *4aAB Avian Bioacoustics
- *4aBA Numerical and Analytical Modeling of Medical Ultrasound I
- *4aEA Acoustic Material Characterization Methods
- *4aMU Stick-Slip Processes in Musical Instruments
- *4aNS Thoughts on the Next Generation of ANSI Loudness Standards
- *4aPA Launch Vehicle Acoustics I: Acoustics of Launch Vehicles and Supersonic Jets
- *4aSC Development of Speech Production and Perception Across the Lifespan
- *4aUW Environmental Variability Impact on Shallow Water Acoustics I

Thursday afternoon

- *4pAAa Acoustic Comfort in Building Indoor Environmental Quality (IEQ) Performance II
- 4pAAb Architectural Acoustics Potpourri
- *4pAB Bioacoustics Research In Latin America
- *4pBA Numerical and Analytical Modeling of Medical Ultrasound II
- 4pEA Layered Media
- *4pMU Acoustical Evolution of Musical Instruments
- *4pNS Wind Turbine Noise
- *4pPA Launch Vehicle Acoustics II: Analysis and Modeling of Noise from Supersonic Jets
- 4pPP Pitch, Loudness, and Other Perceptual Phenomena
- *4pSA Novel Treatments in Vibration Damping
- *4pSCa Advancing Methods for Analyzing Dialect Variation
- 4pSCb Contributions to the Special Sessions (Poster Session)
- 4pSP Algorithm, Analysis, and Beamforming
- *4pUW Environmental Variability Impact on Shallow Water Acoustics II

Friday morning

- *5aAB New Discoveries in Bat Vocal Communication
- 5aAO Topics in Acoustical Oceanography
- 5aMU General Topics in Musical Acoustics
- 5aNS Noise Potpourri
- 5aPA General Topics in Physical Acoustics II
- 5aSA General Topics in Structural Acoustics and Vibration
- 5aSCa Intonation, Tone, and Prosody (Poster Session)
- 5aSCb Foreign Accent and Multilingual Speech Production and Perception (Poster Session)
- 5aUW Communications, Transducers, Target Response, and Nonlinear Acoustics