

TECHNICAL PROGRAM CALENDAR

168th Meeting
Indianapolis, Indiana
27–31 October 2014

MONDAY MORNING

- 8:25 1aAB **Animal Bioacoustics:** Topics in Animal Bioacoustics I. Lincoln
- 7:55 1aNS **Noise, Physical Acoustics, Structural Acoustics and Vibration, and Engineering Acoustics:** Metamaterials for Noise Control I. Marriott 3/4
- 8:15 1aPA **Physical Acoustics and Noise:** Jet Noise Measurements and Analyses I. Indiana C/D
- 9:30 1aSC **Speech Communication:** Speech Processing and Technology (Poster Session). Marriott 5
- 8:40 1aSP **Signal Processing in Acoustics:** Sampling Methods for Bayesian Signal Processing. Indiana G
- 8:45 1aUW **Underwater Acoustics:** Understanding the Target/Waveguide System-Measurement and Modeling I. Indiana F

MONDAY AFTERNOON

- 1:00 1pAA **Architectural Acoustics:** Computer Auralization as an Aid to Acoustically Proper Owner/Architect Design Decisions. Marriott 7/8
- 1:00 1pAB **Animal Bioacoustics and Signal Processing in Acoustics :** Array Localization of Vocalizing Animals. Lincoln
- 1:15 1pBA **Biomedical Acoustics:** Medical Ultrasound. Indiana A/B
- 12:55 1pNS **Noise and Physical Acoustics:** Metamaterials for Noise Control II. Marriott 3/4
- 1:15 1pPA **Physical Acoustics and Noise:** Jet Noise Measurements and Analyses II. Indiana C/D
- 1:00 1pSCa **Speech Communication and Biomedical Acoustics:** Findings and Methods in Ultrasound Speech Articulation Tracking. Marriott 1/2
- 1:00 1pSCb **Speech Communication:** Issues in Cross Language and Dialect Perception (Poster Session). Marriott 5
- 1:25 1pUW **Underwater Acoustics:** Understanding the Target/Waveguide System-Measurement and Modeling II. Indiana F

MONDAY EVENING

- 7:00 1eID **Interdisciplinary:** Tutorial Lecture on Musical Acoustics: Science and Performance. Hilbert Theater

TUESDAY MORNING

- 7:55 2aAA **Architectural Acoustics and Engineering Acoustics :** Architectural Acoustics and Audio I. Marriott 7/8
- 8:25 2aAB **Animal Bioacoustics, Acoustical Oceanography, and Signal Processing in Acoustics:** Mobile Autonomous Platforms for Bioacoustic Sensing. Lincoln
- 8:25 2aAO **Acoustical Oceanography, Underwater Acoustics, and Signal Processing in Acoustics:** Parameter Estimation in Environments that Include Out-of-Plane Propagation Effects. Indiana G
- 7:55 2aBA **Biomedical Acoustics:** Quantitative Ultrasound I. Indiana A/B
- 9:00 2aED **Education in Acoustics:** Undergraduate Research Exposition (Poster Session). Marriott 6
- 8:00 2aID **Archives and History and Engineering Acoustics:** Historical Transducers. Marriott 9/10
- 9:00 2aMU **Musical Acoustics:** Piano Acoustics. Santa Fe
- 9:25 2aNsa **Noise and Psychological and Physiological Acoustics:** New Frontiers in Hearing Protection I. Marriott 3/4
- 8:15 2aNSb **Noise and Structural Acoustics and Vibration:** Launch Vehicle Acoustics I. Indiana E
- 8:30 2aPA **Physical Acoustics:** Outdoor Sound Propagation. Indiana C/D
- 8:00 2aSAa **Structural Acoustics and Vibration and Noise:** Computational Methods in Structural Acoustics and Vibration. Marriott 1/2
- 10:30 2aSAb **Structural Acoustics and Vibration and Noise:** Vehicle Interior Noise. Marriott 1/2
- 8:00 2aSC **Speech Communication:** Speech Production and Articulation (Poster Session). Marriott 5
- 8:00 2aUW **Underwater Acoustics:** Signal Processing and Ambient Noise. Indiana F

TUESDAY AFTERNOON

- 1:00 2pAA **Architectural Acoustics and Engineering Acoustics:** Architectural Acoustics and Audio II. Marriott 7/8
- 1:25 2pAB **Animal Bioacoustics:** Topics in Animal Bioacoustics II. Lincoln

- 1:45 2pAO **Acoustical Oceanography:** General Topics in Acoustical Oceanography. Indiana G
- 1:30 2pBA **Biomedical Acoustics:** Quantitative Ultrasound II. Indiana A/B
- 2:45 2pEDa **Education in Acoustics:** General Topics in Education in Acoustics. Indiana C/D
- 3:30 2pEDb **Education in Acoustics:** Take 5's. Indiana C/D
- 1:55 2pID **Interdisciplinary:** Centennial Tribute to Leo Beranek's Contributions in Acoustics. Indiana E
- 1:00 2pMU **Musical Acoustics:** Synchronization Models in Musical Acoustics and Psychology. Santa Fe
- 1:25 2pNSa **Noise and Psychological and Physiological Acoustics:** New Frontiers in Hearing Protection II. Marriott 3/4
- 1:00 2pNSb **Noise and Structural Acoustics and Vibration:** Launch Vehicle Acoustics II. Marriott 9/10
- 1:00 2pPA **Physical Acoustics and Education in Acoustics:** Demonstrations in Acoustics. Indiana C/D
- 2:00 2pSA **Structural Acoustics and Vibration, Signal Processing in Acoustics, and Engineering Acoustics:** Nearfield Acoustical Holography. Marriott 1/2
- 1:00 2pSC **Speech Communication:** Segments and Suprasegmentals (Poster Session). Marriott 5
- 1:00 2pUW **Underwater Acoustics:** Propagation and Scattering. Indiana F
- 9:00 3aMU **Musical Acoustics:** Topics in Musical Acoustics. Santa Fe
- 8:45 3aNS **Noise and ASA Committee on Standard:** Wind Turbine Noise. Marriott 3/4
- 8:20 3aPA **Physical Acoustics, Underwater Acoustics, Structural Acoustics and Vibration, and Noise:** Acoustics of Pile Driving: Models, Measurements, and Mitigation. Indiana C/D
- 8:00 3aSAa **Structural Acoustics and Vibration, Architectural Acoustics, and Noise:** Vibration Reduction in Air-Handling Systems. Marriott 1/2
- 10:00 3aSAb **Structural Acoustics and Vibration:** General Topics in Structural Acoustics and Vibration. Marriott 1/2
- 8:00 3aSC **Speech Communication:** Vowels = Space + Time, and Beyond: A Session in Honor of Diane Kewley-Port. Marriott 5
- 8:30 3aSPa **Signal Processing in Acoustics:** Beamforming and Source Tracking. Indiana G
- 10:15 3aSPb **Signal Processing in Acoustics:** Spectral Analysis, Source Tracking, and System Identification (Poster Session). Indiana G
- 9:00 3aUW **Underwater Acoustics, Acoustical Oceanography, Animal Bioacoustics, and ASA Committee on Standards:** Standardization of Measurement, Modeling, and Terminology of Underwater Sound. Indiana F

WEDNESDAY MORNING

- 8:20 3aAA **Architectural Acoustics and Noise:** Design and Performance of Office Workspaces in High Performance Buildings. Marriott 7/8
- 8:25 3aAB **Animal Bioacoustics:** Predator-Prey Relationships. Lincoln
- 8:00 3aAO **Acoustical Oceanography, Underwater Acoustics, and Education in Acoustics:** Education in Acoustical Oceanography and Underwater Acoustics. Indiana E
- 8:00 3aBA **Biomedical Acoustics:** Kidney Stone Lithotripsy. Indiana A/B
- 8:00 3aEA **Engineering Acoustics and Structural Acoustics and Vibration:** Mechanics of Continuous Media. Marriott 9/10
- 9:00 3aID **Student Council, Education in Acoustics, and Acoustical Oceanography:** Graduate Studies in Acoustics (Poster Session). Marriott 6

WEDNESDAY AFTERNOON

- 1:00 3pAA **Architectural Acoustics:** Architectural Acoustics Medley. Marriott 7/8
- 1:00 3pBA **Biomedical Acoustics:** History of High Intensity Focused Ultrasound. Indiana A/B
- 2:00 3pED **Education in Acoustics:** Acoustics Education Prize Lecture. Indiana C/D
- 1:00 3pID **Interdisciplinary:** Hot Topics in Acoustics. Indiana E
- 1:00 3pNS **Noise:** Sonic Boom and Numerical Methods. Marriott 3/4
- 1:00 3pUW **Underwater Acoustics:** Shallow Water Reverberation I. Marriott 9/10

THURSDAY MORNING

- 8:40 4aAAa **Architectural Acoustics, Speech Communication, and Noise:** Room Acoustics Effects on Speech Comprehension and Recall I. Marriott 7/8

- 10:35 4aAAb **Architectural Acoustics:** Uses, Measurements, and Advancements in the Use of Diffusion and Scattering Devices. Santa Fe
- 8:00 4aAB **Animal Bioacoustics and Acoustical Oceanography:** Use of Passive Acoustics for Estimation of Animal Population Density I. Lincoln
- 7:55 4aBA **Biomedical Acoustics:** Mechanical Tissue Fractionation by Ultrasound: Methods, Tissue Effects, and Clinical Applications I. Indiana A/B
- 8:30 4aEA **Engineering Acoustics:** Acoustic Transduction: Theory and Practice I. Marriott 9/10
- 8:00 4aPAa **Physical Acoustics, Underwater Acoustics, Signal Processing in Acoustics, Structural Acoustics and Vibration, and Noise:** Borehole Acoustic Logging and Micro-Seismics for Hydrocarbon Reservoir Characterization. Indiana C/D
- 10:30 4aPAb **Physical Acoustics:** Topics in Physical Acoustics I. Indiana C/D
- 8:30 4aPP **Psychological and Physiological Acoustics:** Physiological and Psychological Aspects of Central Auditory Processing Dysfunction I. Marriott 1/2
- 8:00 4aSCa **Speech Communication:** Subglottal Resonances in Speech Production and Perception. Santa Fe
- 8:00 4aSCb **Speech Communication:** Learning and Acquisition of Speech (Poster Session). Marriott 5
- 9:00 4aSPa **Signal Processing in Acoustics:** Imaging and Classification. Indiana G
- 10:15 4aSPb **Signal Processing in Acoustics:** Beamforming, Spectral Estimation, and Sonar Design. Indiana G
- 8:00 4aUW **Underwater Acoustics:** Shallow Water Reverberation II. Indiana F

THURSDAY AFTERNOON

- 1:10 4pAAa **Architectural Acoustics and Speech Communication:** Acoustic Trick-or-Treat: Eerie Noises, Spooky Speech, and Creative Masking. Indiana G
- 1:15 4pAAb **Architectural Acoustics, Speech Communication, and Noise:** Room Acoustics Effects on Speech Comprehension and Recall II. Marriott 7/8

- 1:15 4pAB **Animal Bioacoustics and Acoustical Oceanography:** Use of Passive Acoustics for Estimation of Animal Population Density II. Lincoln
- 1:30 4pBA **Biomedical Acoustics:** Mechanical Tissue Fractionation by Ultrasound: Methods, Tissue Effects, and Clinical Applications II. Indiana A/B
- 1:30 4pEA **Engineering Acoustics:** Acoustic Transduction: Theory and Practice II. Marriott 9/10
- 1:00 4pMU **Musical Acoustics:** Assessing the Quality of Musical Instruments. Santa Fe
- 1:15 4pNS **Noise:** Virtual Acoustic Simulation. Marriott 3/4
- 1:30 4pPA **Physical Acoustics:** Topics in Physical Acoustics II. Indiana C/D
- 1:30 4pPP **Psychological and Physiological Acoustics:** Physiological and Psychological Aspects of Central Auditory Processing Dysfunction II. Marriott 1/2
- 1:00 4pSC **Speech Communication:** Voice (Poster Session). Marriott 5
- 1:00 4pUW **Underwater Acoustics:** Shallow Water Reverberation III. Indiana F

FRIDAY MORNING

- 8:00 5aBA **Biomedical Acoustics:** Cavitation Control and Detection Techniques. Indiana A/B
- 10:00 5aED **Education in Acoustics:** Hands-On Acoustics: Demonstrations for Indianapolis Area Students. Indiana E
- 9:45 5aNS **Noise:** Transportation Noise, Soundscapes, and Related Topics. Marriott 7/8
- 8:00 5aPPa **Psychological and Physiological Acoustics:** Psychological and Physiological Acoustics Potpourri (Poster Session). Marriott 5
- 10:15 5aPPb **Psychological and Physiological Acoustics:** Perceptual and Physiological Mechanisms, Modeling, and Assessment. Marriott 1/2
- 8:00 5aSC **Speech Communication:** Speech Perception and Production in Challenging Conditions (Poster Session). Marriott 5
- 8:00 5aUW **Underwater Acoustics:** Acoustics, Ocean Dynamics, and Geology of Canyons. Indiana F