TECHNICAL PROGRAM CALENDAR
169th Meeting
18–22 May 2015

MONDAY MORNING

8:00 1aAA Architectural Acoustics, Noise, and Signal Processing in Acoustics: Spherical Array Processing for Architectural Acoustics. Ballroom 3

8:30 1aAB Animal Bioacoustics: Bioacoustics and Behavior. Rivers

10:00 1aED Education in Acoustics: Hands-On Acoustics Demonstrations for Middle- and High-School Students. Ballroom 1

8:30 1aPA Physical Acoustics: General Topics in Physical Acoustics I. Kings 1

8:00 1aPPa Psychological and Physiological Acoustics and Animal Bioacoustics: Kinematic Hearing: Auditory Perception of Moving Sounds by Moving Listeners. Kings 3

8:00 1aPPb Psychological and Physiological Acoustics: General Topics in Psychological Acoustics (Poster Session). Ballroom 2

9:00 1aSC Speech Communication and Psychological and Physiological Acoustics: Listening Effort I. Kings 4

8:30 1aUW Underwater Acoustics: Acoustic Communications and Scattering. Ballroom 4

MONDAY AFTERNOON

1:00 1pAAa Architectural Acoustics and Noise: Uncertainty in Laboratory Building Acoustics Measurements. Ballroom 3

2:00 1pAAb Architectural Acoustics, Noise, and Structural Acoustics and Vibration: Session in Honor of Laymon Miller. Commonwealth 2

1:00 1pABA Animal Bioacoustics: Physiology of Animal Hearing. Rivers

2:45 1pABb Animal Bioacoustics: Advances in Processing Bioacoustic Data. Rivers

1:00 1pPA Physical Acoustics: Acoustofluidics: Interaction of Acoustics and Fluid Dynamic Phenomena. Kings 1

1:00 1pPP Psychological and Physiological Acoustics: Psychoacoustics (Poster Session). Ballroom 2

1:00 1pSAA Structural Acoustics and Vibration, Noise, and Signal Processing in Acoustics: Blind Source Localization and Separation for Structural Acoustic Sources. Kings 3

3:00 1pSAb Structural Acoustics and Vibration: General Topics in Structural Acoustics and Vibration I. Kings 3

1:30 1pSC Speech Communication and Psychological and Physiological Acoustics: Listening Effort II. Kings 4


1:00 1pUW Underwater Acoustics: Environmental Characterization, Localization and Vectors. Ballroom 4

MONDAY EVENING

5:30 1eED Education in Acoustics and Women in Acoustics: Listen Up and Get Involved. Ballroom 1

7:00 1eID Interdisciplinary: Tutorial Lecture on Man-Made Noise and Aquatic Life: Data, Data Gaps, and Speculation. Ballroom 3

TUESDAY MORNING

8:00 2aAAa Architectural Acoustics, Noise, Speech Communication, Psychological and Physiological Acoustics, and Signal Processing: Sixty-Fifth Anniversary of Noise and Health: Session in Honor of Karl Kryter I. Ballroom 3

9:30 2aAAb Architectural Acoustics and National Council of Acoustical Consultants: Student Design Competition. Ballroom 2

8:00 2aAB Animal Bioacoustics and Psychological and Physiological Acoustics: Auditory Scene Analysis in Natural Environments. Rivers

8:00 2aBA Biomedical Acoustics: Ultrasound Contrast Agents: Nonlinear Bubble Dynamics. Kings 2

8:30 2aNSa Noise, Psychological and Physiological Acoustics, and ASA Committee on Standards: Noise, Soundscape, and Health. Commonwealth 1

9:00 2aNSb Noise and Structural Acoustics and Vibration: Active Control of Sound and Vibration. Kings 5

8:00 2aPA Physical Acoustics: Wind Noise Mitigation in Atmospheric Acoustics. Kings 1

8:30 2aPP Psychological and Physiological Acoustics, Biomedical Acoustics, Speech Communication, and Signal Processing in Acoustics: Celebration of the Modern Cochlear Implant and the First Substantial Restoration of a Human Sense Using a Medical Intervention I. Kings 4
9:00 2aSA Structural Acoustics and Vibration, Physical Acoustics, and Engineering Acoustics: Acoustic Metamaterials I. Kings 3
8:00 2aSC Speech Communication: General Topics in Speech Production (Poster Session). Ballroom 2
8:00 2aSP Signal Processing in Acoustics, Speech Communication, and Psychological and Physiological Acoustics: Characteristic Spectral and Temporal Patterns in Speech Signals. Ballroom 1
8:00 2aUW Underwater Acoustics: Historical Perspectives on the Origins of Underwater Acoustics I. Ballroom 4

TUESDAY AFTERNOON
1:00 2pAO Acoustical Oceanography and Underwater Acoustics: Acoustics of Fine Grained Sediments: Theory and Measurements. Rivers
1:00 2pBA Biomedical Acoustics: Ultrasonic Characterization of Bone. Commonwealth 1
1:30 2pED Education in Acoustics: Topics in Acoustics Education. Commonwealth 2
1:30 2pNSa Noise and Psychological and Physiological Acoustics: Application of Psychoacoustics in Noise. Kings 5
3:30 2pNSb Noise and Psychological and Physiological Acoustics: Mobile Technology Solutions for Hearing Loss Prevention. Ballroom 1
1:00 2pPA Physical Acoustics: General Topics in Physical Acoustics II. Kings 1
1:00 2pPP Psychological and Physiological Acoustics, Biomedical Acoustics, Speech Communication, and Signal Processing in Acoustics: Celebration of the Modern Cochlear Implant and the First Substantial Restoration of a Human Sense Using a Medical Intervention II. Kings 4
1:30 2pSAa Structural Acoustics and Vibration, Physical Acoustics, and Engineering Acoustics: Acoustic Metamaterials II. Kings 3
1:00 2pSC Speech Communication: Speech Methods, Models and Technology (Poster Session). Ballroom 2

WEDNESDAY MORNING
8:30 3aAAa Architectural Acoustics, ASA Committee on Standards, and Noise: Public Policy Implementation of School Acoustics. Ballroom 3
10:25 3aAAb Architectural Acoustics and Noise: Session in Honor of Dick Campbell. Ballroom 3
8:00 3aBA Biomedical Acoustics: Acoustic Radiation Force in Biomedical Applications I. Kings 2
8:30 3aED Education in Acoustics and Physical Acoustics: Preparing Graduate Students for Careers in Acoustics. Kings 1
9:00 3aMUa Musical Acoustics: Acoustics of Percussion Instruments. Ballroom 1
11:00 3aMUb Musical Acoustics: Acoustics of Percussion Instruments II: Concert. Ballroom 1
8:00 3aNS Noise, Architectural Acoustics, and ASA Committee on Standards: Noise with Tonal Components in the Built Environment. Kings 5
8:00 3aSA Structural Acoustics and Vibration: General Topics in Structural Acoustics and Vibration II. Kings 3
8:00 3aSC Speech Communication: Celebration of Kenneth N. Stevens’ Contributions to Speech Communication: Past, Present, Future I. Commonwealth 2
8:30 3aSpa Signal Processing in Acoustics: Smartphone Acoustic Signal Processing Student Competition (Poster Session). Ballroom 2
9:00 3aSPb Signal Processing in Acoustics and Psychological and Physiological Acoustics: Cognitive Signal Processing. Brigade
9:00 3aUW Underwater Acoustics: Historical Perspectives on the Origins of Underwater Acoustics III. Ballroom 4

WEDNESDAY AFTERNOON
1:30 3pAB Animal Bioacoustics: Biosonar. Rivers
THURSDAY MORNING

8:00 4aAAa Architectural Acoustics: Architectural Acoustics Potpourri. Commonwealth 2


8:30 4aAO Acoustical Oceanography: General Topics in Acoustical Oceanography. Rivers

9:30 4BA Biomedical Acoustics: Acoustic Radiation Force in Biomedical Applications II. Sterlings 1/2

10:00 4aEA Engineering Acoustics and Physical Acoustics: Funding Opportunities with the National Science Foundation. Commonwealth 1

8:00 4aED Education in Acoustics Public Relations, and Student Council: Expanding Acoustics Outreach with Social Media. Kings 2

8:30 4aNS Noise, ASA Committee on Standards, Psychological and Physiological Acoustics, Physical Acoustics, and Structural Acoustics and Vibration: Wind Turbine Noise I. Kings 5

1:15 3pPP Psychological and Physiological Acoustics: Auditory Neuroscience Prize Lecture. Kings 4

1:00 3pSA Structural Acoustics and Vibration: General Topics in Structural Acoustics and Vibration III. Kings 3


1:15 4aAb Biomedical Acoustics: Ultrasound Contrast Agents: Molecular Imaging Applications. Kings 2

1:30 4PP Psychological and Physiological Acoustics: Physiology, Behavior, and Modeling: From Middle-Ear to Mid-Brain. Kings 4

2:00 4aSA Structural Acoustics and Vibration, Education in Acoustics, and Physical Acoustics: Demonstrations of Structural Acoustics and Vibration. Kings 3

THURSDAY AFTERNOON

1:15 4pAA Architectural Acoustics: Classroom and Other Room Acoustics. Ballroom 3

2:00 4pAB Animal Bioacoustics: Audio Playback in Animal Bioacoustics. Rivers

1:00 4pBAa Biomedical Acoustics: Ultrasound Contrast Agents: Molecular Imaging Applications. Kings 2

3:15 4pBab Biomedical Acoustics: Therapeutic Ultrasound and Bioeffects. Kings 2

1:00 4pEA Engineering Acoustics: General Topics in Engineering Acoustics. Commonwealth 2

1:30 4pMU Musical Acoustics: General Topics in Musical Acoustics II. Brigade

2:00 4pNS Noise, ASA Committee on Standards, Psychological and Physiological Acoustics, Physical Acoustics, and Structural Acoustics and Vibration: Wind Turbine Noise II. Kings 5

2:00 4PA Physical Acoustics: Infrasound II. Kings 1

1:30 4PP Psychological and Physiological Acoustics: Physiology, Behavior, and Modeling: From Middle-Ear to Mid-Brain. Kings 4

8:00 4SA Structural Acoustics and Vibration and Noise: Noise Identification and Control in the Mining Industry. Kings 3

FRIDAY MORNING

8:00 5aBA Biomedical Acoustics: Medical Ultrasound. Kings 2

8:30 5aMU Musical Acoustics: Non-Western Musical Instruments and Performance Spaces. Kings 4

8:00 5aNS Noise and ASA Committee on Standards: Louis C. Sutherland’s Lifetime Contributions to the Fields of Noise, Standardization, and Classroom Acoustics. Kings 5
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<td>5aSC</td>
<td><strong>Speech Communication</strong>: Speech Perception and Production in Noise and Related to Disorders of Speech, Language or Hearing (Poster Session), Ballroom 2</td>
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<td>8:30</td>
<td>5aSP</td>
<td><strong>Signal Processing in Acoustics</strong>: Detection, Classification, and Analysis, Kings 1</td>
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<td>8:00</td>
<td>5aUW</td>
<td><strong>Underwater Acoustics</strong>: Propagation, Tomography, Scattering, and Transducers, Ballroom 4</td>
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