

TECHNICAL PROGRAM CALENDAR

169th Meeting

18–22 May 2015

MONDAY MORNING

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|-------|-------|--|------------------------|-------|---|
| 8:00 | 1aAA | Architectural Acoustics, Noise, and Signal Processing in Acoustics: Spherical Array Processing for Architectural Acoustics. Ballroom 3 | 1:30 | 1pSC | Speech Communication and Psychological and Physiological Acoustics: Listening Effort II. Kings 4 |
| 8:30 | 1aAB | Animal Bioacoustics: Bioacoustics and Behavior. Rivers | 1:00 | 1pSP | Signal Processing in Acoustics, Architectural Acoustics, and Noise: Telecom and Audio Signal Processing. Kings 5 |
| 10:00 | 1aED | Education in Acoustics: Hands-On Acoustics Demonstrations for Middle- and High-School Students. Ballroom 1 | 1:00 | 1pUW | Underwater Acoustics: Environmental Characterization, Localization and Vectors. Ballroom 4 |
| 8:30 | 1aPA | Physical Acoustics: General Topics in Physical Acoustics I. Kings 1 | MONDAY EVENING | | |
| 8:00 | 1aPPa | Psychological and Physiological Acoustics and Animal Bioacoustics: Kinematic Hearing: Auditory Perception of Moving Sounds by Moving Listeners. Kings 3 | 5:30 | 1eED | Education in Acoustics and Women in Acoustics: Listen Up and Get Involved. Ballroom 1 |
| 8:00 | 1aPPb | Psychological and Physiological Acoustics: General Topics in Psychological Acoustics (Poster Session). Ballroom 2 | 7:00 | 1eID | Interdisciplinary: Tutorial Lecture on Man-Made Noise and Aquatic Life: Data, Data Gaps, and Speculation. Ballroom 3 |
| 9:00 | 1aSC | Speech Communication and Psychological and Physiological Acoustics: Listening Effort I. Kings 4 | TUESDAY MORNING | | |
| 8:30 | 1aUW | Underwater Acoustics: Acoustic Communications and Scattering. Ballroom 4 | 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 |

MONDAY AFTERNOON

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|------|-------|---|------|-------|---|
| 1:00 | 1pAAa | Architectural Acoustics and Noise: Uncertainty in Laboratory Building Acoustics Measurements. Ballroom 3 | 9:30 | 2aAAb | Architectural Acoustics and National Council of Acoustical Consultants: Student Design Competition. Ballroom 2 |
| 2:00 | 1pAAb | Architectural Acoustics, Noise, and Structural Acoustics and Vibration: Session in Honor of Laymon Miller. Commonwealth 2 | 8:00 | 2aAB | Animal Bioacoustics and Psychological and Physiological Acoustics: Auditory Scene Analysis in Natural Environments. Rivers |
| 1:00 | 1pABa | Animal Bioacoustics: Physiology of Animal Hearing. Rivers | 8:00 | 2aBA | Biomedical Acoustics: Ultrasound Contrast Agents: Nonlinear Bubble Dynamics. Kings 2 |
| 2:45 | 1pABb | Animal Bioacoustics: Advances in Processing Bioacoustic Data. Rivers | 8:30 | 2aNsa | Noise, Psychological and Physiological Acoustics, and ASA Committee on Standards: Noise, Soundscape, and Health. Commonwealth 1 |
| 1:00 | 1pPA | Physical Acoustics: Acoustofluidics: Interaction of Acoustics and Fluid Dynamic Phenomena. Kings 1 | 9:00 | 2aNSb | Noise and Structural Acoustics and Vibration: Active Control of Sound and Vibration. Kings 5 |
| 1:00 | 1pPP | Psychological and Physiological Acoustics: Psychoacoustics (Poster Session). Ballroom 2 | 8:00 | 2aPA | Physical Acoustics: Wind Noise Mitigation in Atmospheric Acoustics. Kings 1 |
| 1:00 | 1pSaa | Structural Acoustics and Vibration, Noise, and Signal Processing in Acoustics: Blind Source Localization and Separation for Structural Acoustic Sources. Kings 3 | 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 |
| 3:00 | 1pSab | Structural Acoustics and Vibration: General Topics in Structural Acoustics and Vibration I. Kings 3 | | | |

- 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 2pAA **Architectural Acoustics, Noise, Speech Communication, Psychological and Physiological Acoustics, and Signal Processing in Acoustics:** Sixty-Fifth Anniversary of Noise and Health: Session in Honor of Karl Kryter II. Ballroom 3
- 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
- 3:30 2pSAb **Structural Acoustics and Vibration and Signal Processing in Acoustics:** Time-Domain Methods. Commonwealth 2
- 1:00 2pSC **Speech Communication:** Speech Methods, Models and Technology (Poster Session). Ballroom 2
- 1:00 2pUW **Underwater Acoustics:** Historical Perspectives on the Origins of Underwater Acoustics II. Ballroom 4

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 3aPP **Psychological and Physiological Acoustics:** Spatial Hearing and Localization. Kings 4
- 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

- 1:15 3pAA **Architectural Acoustics:** Uses, Measurements, and Advances in the Use of Diffusion and Scattering Devices. Ballroom 3
- 1:30 3pAB **Animal Bioacoustics:** Biosonar. Rivers

- 1:00 3pAO **Acoustical Oceanography:** Acoustical Oceanography Prize Lecture. Kings 1
- 1:00 3pBA **Biomedical Acoustics:** Biomedical Acoustics Best Student Paper Competition (Poster Session). Ballroom 2
- 1:00 3pID **Interdisciplinary:** Hot Topics in Acoustics. Ballroom 4
- 1:00 3pMU **Musical Acoustics:** General Topics in Musical Acoustics I. Kings 2
- 2:00 3pNS **Noise:** Environmental Noise and Noise Control Elements. 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
- 2:15 3pSC **Speech Communication:** Celebration of Kenneth N. Stevens' Contributions to Speech Communication: Past, Present, Future II. Commonwealth 2

THURSDAY MORNING

- 8:00 4aAAa **Architectural Acoustics:** Architectural Acoustics Potpourri. Commonwealth 2
- 9:45 4aAAb **Architectural Acoustics and Education in Acoustics:** Up and Coming Architectural Acousticians: Past Student Paper Award Winners Report. Ballroom 3
- 8:30 4aAO **Acoustical Oceanography:** General Topics in Acoustical Oceanography. Rivers
- 9:30 4aBA **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
- 8:30 4aPA **Physical Acoustics:** Infrasound I. Kings 1
- 8:00 4aPP **Psychological and Physiological Acoustics and Speech Communication:** Influence of Visual Cues on Auditory Perception. Kings 4
- 8:00 4aSA **Structural Acoustics and Vibration and Noise:** Noise Identification and Control in the Mining Industry. Kings 3

- 8:00 4aSC **Speech Communication:** Cross-Language Speech Production and Perception (Poster Session). Ballroom 2
- 9:00 4aSP **Signal Processing in Acoustics:** Beamforming, Optimization, Source Localization and Separation. Brigade
- 8:00 4aUW **Underwater Acoustics:** Three-Dimensional Underwater Acoustics Models and Experiments I. Ballroom 4

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 4pPA **Physical Acoustics:** Infrasound II. Kings 1
- 1:30 4pPP **Psychological and Physiological Acoustics:** Physiology, Behavior, and Modeling: From Middle-Ear to Mid-Brain. Kings 4
- 2:00 4pSA **Structural Acoustics and Vibration, Education in Acoustics, and Physical Acoustics:** Demonstrations of Structural Acoustics and Vibration. Kings 3
- 1:00 4pSC **Speech Communication:** Indexical Factors in Speech Perception and Production (Poster Session). Ballroom 2
- 1:25 4pUW **Underwater Acoustics:** Three-Dimensional Underwater Acoustics Models and Experiments II. Ballroom 4

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
- 8:30 5aNS **Noise and ASA Committee on Standards:** Louis C. Sutherland's Lifetime Contributions to the Fields of Noise, Standardization, and Classroom Acoustics. Kings 5

8:00 5aSC **Speech Communication:** Speech Perception and Production in Noise and Related to Disorders of Speech, Language or Hearing (Poster Session). Ballroom 2

8:30 5aSP **Signal Processing in Acoustics:** Detection, Classification, and Analysis. Kings 1

8:00 5aUW **Underwater Acoustics:** Propagation, Tomography, Scattering, and Transducers. Ballroom 4