

TECHNICAL PROGRAM CALENDAR
154th Meeting of the Acoustical Society of America
New Orleans, Louisiana
27–30 November 2007

TUESDAY MORNING

8:45 1aAA **Architectural Acoustics:** Sound Systems in Large Rooms and Stadia. Grand Ballroom E

8:00 1aAO **Acoustical Oceanography:** Marine Sediment Properties and Inversions. Grand Couteau

10:25 1aUW **Underwater Acoustics:** Propagation Modeling. Grand Ballroom D

8:30 2aMU

Musical Acoustics and Speech Communication: Musical Pitch Tracking and Sound Source Separation Leading to Automatic Music Transcription I. Grand Couteau

9:00 2aNS **Noise:** Lawn, Yard, and Portable Noise and Noise Generation, Modeling, and Measurement. Napoleon A3

TUESDAY AFTERNOON

1:00 1pAA **Architectural Acoustics, Musical Acoustics, Signal Processing in Acoustics, and Noise:** Even Better than the Real Thing—Rock, Pop, and all that Jazz. Grand Ballroom E

1:55 1pAB **Animal Bioacoustics:** Acoustics of Bats, Birds, Insects, and Rodents (Lecture/Poster Session). Napoleon C3

1:35 1pAO **Acoustical Oceanography:** Storms and Intense Air–Sea Interactions. Grand Couteau

4:00 1pPA **Physical Acoustics and Acoustical Oceanography:** Acoustic Applications for Hurricane and Storm Preparedness. Borgne

1:00 1pUWa **Underwater Acoustics:** Geoacoustic Inversion. Grand Ballroom D

3:00 1pUWb **Underwater Acoustics:** Rough Surface Interface Scattering. Grand Ballroom D

8:30 2aPA

Physical Acoustics: General Physical Acoustics. Borgne

8:30 2aPP **Psychological and Physiological Acoustics:** Potpourri. Napoleon D1

8:00 2aSCa

Speech Communication: Role of Attention in Speech Perception. Napoleon C3

10:30 2aSCb

Speech Communication: Speech Perception Issues (Poster Session). Napoleon D2/D3

8:30 2aUWa

Underwater Acoustics: Marine Sediments and Bottom Interactions. Grand Ballroom D

10:25 2aUWb

Underwater Acoustics: Uncertainty and Fluctuations. Grand Ballroom D

WEDNESDAY AFTERNOON

1:20 2pAA **Architectural Acoustics:** Impact and Footfall Noise II. Grand Ballroom E

1:00 2pAB **Animal Bioacoustics:** Sound Source Localization. Napoleon B3

1:10 2pAO **Acoustical Oceanography and Underwater Acoustics:** Deep and Shallow Seismic Sensing of Geological Structure in the Ocean Bottom. Napoleon C3

TUESDAY EVENING

7:00 1eID **Interdisciplinary:** Tutorial Lecture on Weather and Acoustics. Grand Ballroom E

WEDNESDAY MORNING

8:25 2aAA **Architectural Acoustics and Structural Acoustics and Vibration:** Impact and Footfall Noise I. Grand Ballroom E

8:35 2aBB **Biomedical Ultrasound/Bioresponse to Vibration:** Topical Meeting on Tissue Response to Acoustics and Vibrations. Maurepas

8:00 2aEA **Engineering Acoustics and ASA Committee on Standards:** Infrasonic Instrumentation I. Napoleon B1

1:00 2pEA

Engineering Acoustics and ASA Committee on Standards: Infrasonic Instrumentation II. Napoleon B1

1:00 2pED

Education in Acoustics: Professional Development Programs for K-12 Teachers of Science. Maurepas

1:30 2pMU

Musical Acoustics and Speech Communication: Musical Pitch Tracking and Sound Source Separation Leading to Automatic Music Transcription II. Grand Couteau

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| 3:00 | 2pNS | Noise: Rain Noise. Grand Ballroom E |
| 1:30 | 2pPA | Physical Acoustics: Bubbles and Cavitation. Borgne |
| 1:30 | 2pSC | Speech Communication: Consonant and Vowel Issues in Communication (Poster Session). Napoleon D2/D3 |
| 1:00 | 2pUWa | Underwater Acoustics, Acoustical Oceanography, and Signal Processing in Acoustics: Design of Distributed Surveillance and Oceanographic Monitoring Systems. Grand Ballroom D |
| 4:00 | 2pUWb | Underwater Acoustics: Active Sonar. Grand Ballroom D |

THURSDAY MORNING

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| 8:00 | 3aAB | Animal Bioacoustics: Passive and Active Marine Bioacoustics. Grand Ballroom E |
| 8:00 | 3aAO | Acoustical Oceanography: Acoustic Effects of Internal Waves and Other Finescale Oceanography. Grand Couteau |
| 8:15 | 3aBB | Biomedical Ultrasound/ Bioresponse to Vibration: Current Topics in Diagnostic and Therapeutic Ultrasound. Maurepas |
| 10:30 | 3aEA | Engineering Acoustics and Underwater Acoustics: Underwater Transduction. Napoleon B1 |
| 8:00 | 3aNS | Noise: Soundscape Developments: Case Studies and Best Practices. Napoleon A3 |
| 8:25 | 3aPAa | Physical Acoustics: Ultrasound Measurements and Methods for Condensed Matter. Borgne |
| 10:15 | 3aPAb | Physical Acoustics: Thermoacoustics. Borgne |
| 8:00 | 3aSCa | Speech Communication: Speech Intelligibility and the Vowel Space. Napoleon C3 |
| 9:00 | 3aSCb | Speech Communication: Speech and Prosodic Issues (Poster Session). Napoleon D2/D3 |
| 8:00 | 3aUW | Underwater Acoustics: Time Reversal and Matched Field Processing. Grand Ballroom D |

THURSDAY AFTERNOON

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| 1:00 | 3pAA | Architectural Acoustics: Acoustics of Rehearsal Facilities. Borgne |
| 1:10 | 3pBB | Biomedical Ultrasound/ Bioresponse to Vibration: |

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| | | Biomedical Applications of Acoustic Radiation Force. Maurepas |
| 2:20 | 3pED | Education in Acoustics: Acoustics Education Prize Lecture. Grand Ballroom E |
| 1:05 | 3pID | Interdisciplinary: Hot Topics in Acoustics. Grand Ballroom E |
| 1:00 | 3pSC | Speech Communication: Vowels, Vowel Tract Modeling and Applications (Poster Session). Napoleon D2/D3 |
| 1:00 | 3pUW | Underwater Acoustics: Target Scattering. Grand Ballroom D |

THURSDAY EVENING

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| 7:00 | 3eMU | Musical Acoustics: Science and Performance. Gallery |
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FRIDAY MORNING

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| 8:30 | 4aAA | Architectural Acoustics: Computational Room Acoustics and Room Acoustics Measurements. Grand Ballroom E |
| 8:35 | 4aBB | Biomedical Ultrasound/ Bioresponse to Vibration and Physical Acoustics: Biological Effects and Medical Applications of Stable Cavitation I. Maurepas |
| 9:00 | 4aEA | Engineering Acoustics: Topics in Engineering Acoustics. Napoleon B1 |
| 10:00 | 4aED | Education in Acoustics: Hands-On Experiments for High School Students. Gallery |
| 8:00 | 4aMU | Musical Acoustics: Musical Acoustics and Instrumental Acoustics. Grand Couteau |
| 8:00 | 4aNS | Noise and Animal Bioacoustics: Advances in Measurement of Noise and Noise Effects on Animals and Humans in the Environment I. Napoleon A1/A2 |
| 8:00 | 4aPA | Physical Acoustics: Acoustics of Soils and Porous Media. Borgne |
| 8:00 | 4aPP | Psychological and Physiological Acoustics: More Potpourri (Poster Session). Napoleon D2/D3 |
| 8:00 | 4aSA | Structural Acoustics and Vibration: Modeling of Vibration and Radiation in Complex Structures. Napoleon A3 |
| 8:00 | 4aSC | Speech Communication: Auditory and Somatosensory Feedback in Speech Production I. Napoleon B3 |

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| 8:00 | 4aSP | Signal Processing in Acoustics, Acoustical Oceanography, and Underwater Acoustics: Session Honoring Leon Sibul I. Grand Ballroom B | 1:00 | 4pNS | Noise and Animal Bioacoustics: Advances in Measurement of Noise and Noise Effects on Animals and Humans in the Environment II. Napoleon A1/A2 |
| 8:00 | 4aUW | Underwater Acoustics: Underwater Reverberation Measurements and Modeling I. Grand Ballroom D | 1:30 | 4pPA | Physical Acoustics: Atmospheric Acoustics. Borgne |
| | | | 3:00 | 4pSA | Structural Acoustics and Vibration and Noise: Ground Vibration Impact on Buildings and General Structural Acoustics. Grand Ballroom E |
| FRIDAY AFTERNOON | | | | | |
| 1:30 | 4pAA | Architectural Acoustics, Noise, and ASA Committee on Standards: Acoustics of Modular Construction. Grand Ballroom E | 1:30 | 4pSC | Speech Communication: Auditory and Somatosensory Feedback in Speech Production II. Napoleon B3 |
| 1:30 | 4pBB | Biomedical Ultrasound/ Bioresponse to Vibration and Physical Acoustics: Biological Effects and Medical Applications of Stable Cavitation II. Maurepas | 1:30 | 4pSPa | Signal Processing in Acoustics, Acoustical Oceanography, and Underwater Acoustics: Session Honoring Leon Sibul II. Grand Ballroom B |
| | | | 3:00 | 4pSPb | Signal Processing in Acoustics: Three-Dimensional Arrays, Machine Noise and Vibration. Grand Ballroom B |
| 1:30 | 4pMU | Musical Acoustics and Speech Communication: Session in Honor of Max Mathews with Electronic and Computer Music Concert. Grand Couteau | 1:00 | 4pUW | Underwater Acoustics: Underwater Reverberation Measurements and Modeling II. Grand Ballroom D |