

**TECHNICAL PROGRAM CALENDAR**  
**153rd Meeting of the Acoustical Society of America**  
**Salt Lake City, Utah**  
**4–8 June 2007**

**MONDAY MORNING**

8:00	1aAAa	<b>Architectural Acoustics, Noise, Engineering Acoustics and ASA Committee on Standards:</b> In Situ Measurements of Absorption Coefficients. Alpine East	8:30	2aAB	<b>Animal Bioacoustics:</b> Paleohearing. Salon A
10:25	1aAAb	<b>Architectural Acoustics:</b> Measurements and Simulation. Alpine East	8:00	2aAOa	<b>Acoustical Oceanography:</b> Oceanographic Variability. Canyon Room B
8:00	1aAOa	<b>Acoustical Oceanography and Physical Acoustics:</b> Acoustics of Bubble Clouds. Canyon Room B/C	9:45	2aAOB	<b>Acoustical Oceanography:</b> Geoacoustic Inversion. Canyon Room B
10:50	1aAOB	<b>Acoustical Oceanography Physical Acoustics, and Underwater Acoustics:</b> Hank Medwin Memorial Session I. Canyon Room B/C	8:30	2aBB	<b>Biomedical Ultrasound/ Bioresponse to Vibration:</b> Modeling of Acoustic Cavitation In-Vivo. Seminar Theater
			9:00	2aEA	<b>Engineering Acoustics:</b> Underwater Transducers and Arrays. Salon B
			10:00	2aED	<b>Education in Acoustics:</b> Hands-On Demonstrations for Elementary School Students. Alpine West

**MONDAY AFTERNOON**

1:00	1pAA	<b>Architectural Acoustics, Noise, Speech Communication and ASA Committee on Standards:</b> Advancements in Speech Privacy. Alpine East	9:00	2aMU	<b>Musical Acoustics:</b> General Topics in Musical Acoustics. Salon C
1:30	1pAB	<b>Animal Bioacoustics:</b> Echolocation Signals and Behavior. Salon A	8:30	2aNS	<b>Noise:</b> Workshop on Standardization for Soundscape Techniques I. Canyon Room A
1:30	1pAO	<b>Acoustical Oceanography, Physical Acoustics, and Underwater Acoustics:</b> Hank Medwin Memorial Session II. Canyon Room B/C	8:00	2aPAa	<b>Physical Acoustics:</b> Atmospheric Acoustics. Grand Ballroom A
2:00	1pNS	<b>Noise:</b> Engineering Noise Control for the Mining Industry. Canyon Room A	8:00	2aPAb	<b>Physical Acoustics and Education in Acoustics:</b> Academic Genealogy (Poster Session) Grand Ballroom Foyer
1:30	1pSC	<b>Speech Communication:</b> Clear Speech and Auditory—Visual Processing (Poster Session). Grand Ballroom B	8:00	2aPP	<b>Psychological and Physiological Acoustics:</b> The Neural Coding of Pitch: Insights from Psychophysics, Neurophysiology, and Brain Imaging. Topaz Room
1:00	1pSPa	<b>Signal Processing in Acoustics:</b> Classification and Interpretation of Acoustic Signals. Salon B	8:30	2aSA	<b>Structural Acoustics and Vibration and Signal Processing in Acoustics:</b> Sound Source Localization. Canyon Room C
3:15	1pSPb	<b>Signal Processing in Acoustics:</b> Signal and Array Processing of Acoustic Data. Salon B	8:30	2aSC	<b>Speech Communication:</b> Second Language Perception and Production (Poster Session). Grand Ballroom B
			8:25	2aUW	<b>Underwater Acoustics:</b> Propagation and Modeling. Alpine East

**MONDAY EVENING**

7:00	1eID	<b>Interdisciplinary:</b> Tutorial Lecture: Musical Acoustics: Science and Performance. Capitol Theatre
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**TUESDAY AFTERNOON**

1:00	2pAAa	<b>Architectural Acoustics and the National Council of Acoustical Consultants:</b> Student Design Competition. Grand Ballroom C
4:00	2pAAb	<b>Architectural Acoustics and</b>

**TUESDAY MORNING**

8:00	2aAA	<b>Architectural Acoustics:</b> An
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		<b>Noise:</b> The Technical Committee on Architectural Acoustics Vern O. Knudsen Distinguished Lecture. Canyon Room A	8:30	3aAB	of Rooms on the Sound of Organs. LDS Conference Center Media Room
1:00	2pAB	<b>Animal Bioacoustics:</b> Seismic Communication in Animals. Salon A			<b>Animal Bioacoustics:</b> Transmission, Detection and Analysis of Bioacoustic Signals. Salon B
1:00	2pBBa	<b>Biomedical Ultrasound/ Bioresponse to Vibration:</b> Therapeutic Ultrasound and Bioeffect. Seminar Theater	8:00	3aAO	<b>Acoustical Oceanography, Underwater Acoustics, Engineering Acoustics, and Signal Processing in Acoustics:</b> Acoustic Sensing of the Ocean and Seabed Using Gliders and Autonomous Underwater Vehicles. Canyon Room C
3:30	2pBBb	<b>Biomedical Ultrasound/ Bioresponse to Vibration:</b> Imaging and Detection Theory. Seminar Theater			
1:30	2pEA	<b>Engineering Acoustics, Underwater Acoustics and Signal Processing in Acoustics:</b> Acoustic Technologies for Coastal Surveillance and Harbor Defense. Salon B	8:00	3aBBa	<b>Biomedical Ultrasound/ Bioresponse to Vibration:</b> Biomedical Applications of Acoustic Radiation Force Imaging. Seminar Theater
1:30	2pMUa	<b>Musical Acoustics:</b> Voice Production and Pedagogy. Alpine West	10:45	3aBBb	<b>Biomedical Ultrasound/ Bioresponse to Vibration:</b> Tissue Scattering and Imaging. Seminar Theater
4:15	2pMUb	<b>Musical Acoustics:</b> Mini-Concert of Yodeling as a Style of Vocal Production. Alpine West	8:00	3aNS	<b>Noise:</b> Aircraft Noise and General Topics in Noise. Canyon Room A
1:30	2pNS	<b>Noise:</b> Workshop on Standardization for Soundscape Techniques II. Canyon Room A	8:00	3aPAa	<b>Physical Acoustics and Education in Acoustics:</b> Physical Acoustics Demonstrations. Alpine West
1:00	2pPA	<b>Physical Acoustics:</b> Ultrasound in Condensed Matter, Neutrons, Nano-Materials, Magnetism. Grand Ballroom A	9:00	3aPAb	<b>Physical Acoustics and Engineering Acoustics:</b> Acoustic Probes of Planetary Environments. Salon C
1:30	2pPP	<b>Psychological and Physiological Acoustics:</b> Pitch, Binaural and Spatial Hearing, Suppression (Poster Session). Grand Ballroom B	8:00	3aPP	<b>Psychological and Physiological Acoustics:</b> Binaural Hearing and Processing of Complex Sounds. Topaz Room
1:30	2pSA	<b>Structural Acoustics and Vibration:</b> Launch Vehicle and Space Vehicle Acoustical and Vibration Environments and General Topics in Structural Acoustics and Vibration. Topaz Room	8:00	3aSC	<b>Speech Communication:</b> Computational and Experimental Approaches to Fluid Dynamics of Speech Production. Alpine East
1:30	2pSC	<b>Speech Communication:</b> Frontiers of Spectrum Analysis with Speech Applications. Alpine East	8:00	3aSP	<b>Signal Processing in Acoustics:</b> Topics in Seismic Signal Processing. Grand Ballroom A
1:00	2pUW	<b>Underwater Acoustics and Acoustical Oceanography:</b> Passive Imaging and Monitoring Using Random Wavefields. Canyon Rooms B/C	8:00	3aUW	<b>Underwater Acoustics:</b> Environmental Uncertainty and Characterization. Canyon Room B

**WEDNESDAY AFTERNOON**

1:00	3pAA	<b>Architectural Acoustics:</b> Acoustics in Rooms, Ducts, and Forensics. Salon B
1:00	3pAO	<b>Acoustical Oceanography:</b> Acoustical Oceanography Prize Lecture. Alpine East
2:15	3pED	<b>Education in Acoustics:</b> Acoustics Education Prize Lecture. Canyon Room A/B/C

**WEDNESDAY MORNING**

8:15	3aAA	<b>Architectural Acoustics and Musical Acoustics:</b> Effects
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1:05	3pID	<b>Interdisciplinary:</b> Hot Topics in Acoustics. Canyon Room A/B/C	3:45	4pAAb	<b>Architectural Acoustics:</b> Predictions and Simulation. Alpine East
1:00	3pPP	<b>Psychological and Physiological Acoustics:</b> Masking and Temporal Processing. Topaz Room	1:30	4pEA	<b>Engineering Acoustics:</b> Acoustical Measurements and Methods II. Salon A
1:00	3pSC	<b>Speech Communication:</b> Atypical Populations; Acoustic and Physiologic Modeling (Poster Session). Alpine West	2:00	4pMU	<b>Musical Acoustics:</b> "Myths and Mysteries" in Musical Acoustics. Salon C
			1:50	4pNS	<b>Noise, Engineering Acoustics, and Signal Processing in Acoustics:</b> Recent Advances in Active Noise Control II. Canyon Room A

**THURSDAY MORNING**

8:45	4aAA	<b>Architectural Acoustics:</b> Troubleshooting in Room Acoustics. Alpine East	1:40	4pPA	<b>Physical Acoustics:</b> Bubbles, Modes, and Scattering. Salon B
8:30	4aBB	<b>Biomedical Ultrasound/Bioresponse to Vibration:</b> Coded Excitation. Seminar Theater	1:30	4pPP	<b>Psychological and Physiological Acoustics:</b> Environmental Sound Research, Spectral Integration, Cochlear Implants, and More (Poster Session). Grand Ballroom B
9:00	4aEA	<b>Engineering Acoustics:</b> Acoustical Measurements and Methods I. Salon A	1:30	4pSC	<b>Speech Communication:</b> Vowel Production and Perception (Poster Session). Alpine West
10:00	4aED	<b>Education in Acoustics:</b> Tools for Teaching Acoustics. Canyon Room B	1:30	4pSP	<b>Signal Processing in Acoustics, Acoustical Oceanography, and Underwater Acoustics:</b> Signal Processing and Uncertainty II. Grand Ballroom C
9:00	4aMU	<b>Musical Acoustics and Physical Acoustics:</b> Flow Dynamics in Musical Instruments. Salon C			
8:00	4aNSa	<b>Noise:</b> Environmental Noise in National Parks. Canyon Room C			
10:20	4aNSb	<b>Noise, Engineering Acoustics, and Signal Processing in Acoustics:</b> Recent Advances in Active Noise Control I. Canyon Room A			
8:30	4aPA	<b>Physical Acoustics:</b> Nonlinear and Linear Seismology and Time Reversal in Solids. Salon B			
8:30	4aPP	<b>Psychological and Physiological Acoustics:</b> Topics and Methods in Environmental Sound Research. Topaz Room			
8:30	4aSC	<b>Speech Communication:</b> Cross-Linguistic Consonant Production and Perception (Poster Session). Alpine West			
8:00	4aSP	<b>Signal Processing in Acoustics, Acoustical Oceanography, and Underwater Acoustics:</b> Signal Processing and Uncertainty I. Grand Ballroom C			

**FRIDAY MORNING**

9:00	5aMU	<b>Musical Acoustics and Architectural Acoustics:</b> Musical Requirements for Western and Non-Western Worship Spaces. Salon C
8:00	5aPA	<b>Physical Acoustics:</b> Thermoacoustics. Salon B
8:00	5aPP	<b>Psychological and Physiological Acoustics:</b> Detection, Masking, Temporal and Spectral Processing (Poster Session). Grand Ballroom B
8:30	5aSC	<b>Speech Communication:</b> Voice and Prosody (Lecture/Poster Session). Alpine West
8:00	5aUW	<b>Underwater Acoustics:</b> Detection and Array Processing. Canyon Room C

**THURSDAY AFTERNOON**

1:30	4pAAa	<b>Architectural Acoustics:</b> Workshop for American Institute of Architects Continuing Education Units Presentation. Alpine East
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