

Monday, 22 October, morning session 1

Room	Room N8	Room N9	Room N6	Room N7	Room N5	Room N10	Room N11
Time	2.1 Vendor Products: Noise Control	13.1 General Structural Acoustics	6.1 Tire/pavement interaction noise - OBSI	8.3a Methods to Verify Community Noise Limits have been Met - Measurements and Modeling	9.1a Information Technology Noise	11.5a Noise Control for Hospitals	
9:40 - 10:00	Proven engineered acoustical plumbing solutions O'Neil	Panel contribution study of a commercial excavator cab using sound intensity measurements Gujarathi	The application of sound intensity to the evaluation of pavement for tire/road noise performance - The OBSI approach Donavan	Verifying community noise compliance with direct measurements - What community noise limits mean Putnam	Identification of transient events from a hard disk drive using non-stationary loudness Ali	Soundscape evaluations in adult intensive care units Ryherd	
10:00 - 10:20	Effect of lagging material on duct breakout noise Golden	Practical consideration in application of the nearfield acoustic holography for the heavy duty diesel engine Suh	Considerations in the standardization of On-Board Sound Intensity (OBSI) for highway pavement evaluation Donavan	Weather effects on outdoor noise exposure: Where, when, and how often to measure? Wilson	Behavior of psychoacoustic measurements with time-varying signals Bray	Recommended standards for the acoustic environment of the newborn ICU Philbin	
10:20 - 10:40	Acoustical banners Splain	Narrowband sound power measurement using supersonic intensity in underwater reverberant environments Barnard	Evaluation of OBSI for measuring tire-pavement noise de Fortier Smit	Methods to eliminate continuous and variable background noise sources Parzych	Possibility for errors in tone-to-noise ratio calculation arising out of insufficient FFT resolution Upton	Noise control for neonatal ICU for demolition and construction within hospital facilities Evans	
10:40 - 11:00	Case studies illustrating the importance of decoupling the mass layers of demising walls in multi-family luxury condominiums and townhomes Lilkendey	Noise reduction study of sandwich plates using the state space method Huang	Evaluation of close-proximity methods for tire/pavement noise measurements Ruhala	Atmospheric affects on long range sound propagation Bronsdon	Considering the risk to hearing from listening to music on earphones from IT equipment Dunens	Designing a simulation center to test acoustical criteria for healthcare facilities Carballeira	
11:00 - 11:20	Flow resistivity effect on sound absorption and sound transmission loss of film-faced foam Kim	A Fourier method for the vibration analysis of colinearly coupled beams systems Li	Using on-board sound intensity within the concrete pavement surface characteristics program Rasmussen	Community noise verification measurements for a highway in a suburban environment Chambers	Sound quality investigation of notebook inlet grilles Gullbrand	Sound Masking in the Healthcare Environment: Epidemic or Panacea? Van Wyk	
11:20 - 11:40	Floor and ceilings and noise control Keene	Comparison of various techniques for computing modal mass Goss	On-board sound intensity testing of PFC pavements in Texas Trevino	Using ISO 8297 to verify community noise requirements given as limits on sound power levels Brittain			
11:40 - 12:00	Green noise reduction: Sustainable sound control Clunan		Investigating the implementation of pavement effects via OBSI data in the FHWA Traffic Noise Model (FHWA TNM) Rochat				