

CONFERENCE PARTICIPANTS SCHEDULE AT-A-GLANCE

Time	Tuesday, July 7	Wednesday, July 8			Thursday, July 9	Friday, July 10		Saturday, July 11		Sunday, July 12	Time
7:00 AM											7:00 AM
7:30 AM											7:30 AM
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Board of Directors and Conference Organizers

Exams and Courses

Conference Opening/Closing

Technical Sessions and Chairs

Plenary Presentations

Social Events and Tour

TAC* Workshop/Meeting

Short courses in rooms Barcelona, Casablanca, Tokyo, Vancouver; check app or signage for specific room.

Opening/closing in Centennial Ballroom Salons C&D.

Technical sessions in rooms: Centennial Ballroom Salons C&D, Barcelona/Casablanca, Tokyo/Vancouver, Melbourne, Ocean Ballroom; check app or signage for specific room. Tech session chairs meeting in Ocean Ballroom.

Plenary presentations in Centennial Ballroom Salons C&D.

*TAC = Technical Activities Committee.

Friday, July 10 NOISE-CON 2026 Technical Program											
8:00-9:00 AM	Plenary	The Art and Science of Post Production Audio Jason King	Salons C&D								
9:00-9:40 AM	Break	Building Acoustics - Measurement and Modeling III Chairs: Sunit Girdhar, Drake Hintz	Salons C&D Presenting Author	Transportation - Noise Mitigation Chairs: Tim Johnson, Joe Rauseo	Ocean Ballroom Presenting Author	Community Noise - General II Chairs: Brandon Wallace, Nick Pietrusinski	Barcelona/Casablanca Presenting Author	Experimental Techniques I Chairs: David Herrin, Jack Zybura	Tokyo/Vancouver Presenting Author	Aeroacoustics Chairs: Eric Bultemeier, Weimin Thor	Melbourne Presenting Author
9:40-10:00 AM	Technical Sessions 9:40-11:40	064 Floor vibration measurement on soft floor coverings like carpets	Sunit Girdhar	013 Field-driven insights from DOT highway noise barrier installations across diverse environments	Shane Decker	090 Acoustic and Vibration Considerations in the Rapid Adoption of Air-Source Heat Pump and Modular Cooling System	Brandon Wallace	073 Reconstruction of a reverberant sound source coupled to a large cross-section duct	David Neihguk	205 Propeller Noise Study for eVTOL Interior Noise Using Equivalent Acoustic Source Model	Thiago Morhy Cavalcante
10:00-10:20 AM		141 The acoustic isolation properties of gypsum concrete during the drying process	Evelyn Way	189 Progression and Development of the MASH TL-5 Integrated Precast Concrete Noise and Safety Barrier	Mac Readhead	046 Noise from Conveyors	Nick Antonio	232 From circles to solutions: The Vincent circle in vibration and noise	David Herrin	206 Experimental and computational aeroacoustic and aerodynamic evaluations of five eVTOL propeller blades	Rex Yusri
10:20-10:40 AM		164 Specifying performance of doors using DTC and NIC	Wayland Dong	182 Integrating Air Quality Mitigation into Traditional Noise Barrier Infrastructure	Mark Murphy	069 Source Modeling for Cannabis-Growing Greenhouse Facilities	Ethan Wagner	172 A convolutional neural network (cnn)-based classification of rotary machine vibration and acoustic signals	Lucky Patakya	070 Experimental investigation into the impact of phase and spatial configurations on tonal noise and annoyance in an array of two parallel axial-flow fans	Maura Hart
10:40-11:00 AM		196 The effect of mechanical fasteners across isolated gypsum concrete slabs	Evelyn Way	010 Quiet pavement applications of rubber-modified asphalt for traffic noise reduction and sustainable transportation	Julius Etuke	117 I scream, you scream, neighbors scream: managing theme park noise in the community	Dillon Tannler	087 Quantifying floor-borne vibration sensitivity in semiconductor test equipment using controlled excitation	Giovanni Rinaldi	183 Mitigating grazing flow impedance eduction errors in additively manufactured porous liners	Kara Hardy
11:00-11:20 AM		061 A survey of metrics for impulsive sound events	Charles Oppenheimer	127 Project-wide assessment of design-build noise abatement considerations and determinations	Joe Rauseo	078 Using GIS to examine spatial relationships from 100,000 hours of sound monitoring data	Liam Maloney	026 Source separation of overlapping vibroacoustic fan signals for monitoring and safeguarding nuclear research facilities	Kenton Hummel	048 Comparative assessment of windscreen geometries for aeroacoustic measurements	Alyssa Bruchieri
11:20-11:40 AM		216 Gordon Mullion Mate® Partition Gap Closures (11:20-11:30) 132 Shaken, not shifted: ibc compliance for seismic and wind on nonstructural components (11:30-11:40)	Chess Hutchings Danielle Taylor	230 RenewWalls – Sustainable Noise Walls by RMP Global (11:20-11:30) 226 Absorptive PVC cladding (11:30-11:40)	Patrick Harkins Kevan Mann	227 A paradigm shift in Noise and Vibration monitoring: Watch™ how it happened (11:20-11:30) 034 Making quality audible: Precise analysis with Imc STUDIO/WAVE (11:30-11:40)	Roderick Mackenzie Tony Spica	214 Acoustic and Damping Material Characterization: From Measurement to Simulation (11:20-11:30) 059 Spatial Localization of Sound Transmission Deficiencies using the Sound Field Scanning Method (11:30-11:40)	Julien Biboud Thomas Rittenschober	083 Evaluating the Influence of Blade Geometry on Louver Aerodynamic Performance Using Computational Fluid Dynamics	Hamid Mortazavi
11:40-1:10 PM	Lunch Break										
1:10-2:10 PM	Plenary	Controlling Ground-Borne Noise from a New Subway Line Adjacent to the Walt Disney Concert Hall Tom Schindler, Christopher Layman, Shannon McKenna	Salons C&D								
2:10-2:50 PM	Break	Building Acoustics - HVAC and Building System Noise and Vibration Control Chairs: Jeff Fullerton, Justin Meyer	Salons C&D Presenting Author	Transportation - General II Chairs: Dana Lodico, Ahmed El Aassar	Ocean Ballroom Presenting Author	Community Noise - Aircraft noise Chairs: Clint Cyr, Joe Czech	Barcelona/Casablanca Presenting Author	Acoustic Materials Chairs: Annie Hirsh, Iliana Schad	Tokyo/Vancouver Presenting Author	Prediction and Modeling Chairs: Pranab Saha	Melbourne Presenting Author
2:50-3:10 PM	Technical Sessions 2:50-4:50	088 Influence of Geometric Design Modifications on the Acoustic Performance of Louvers	Jordan Howes	053 Busted highway traffic noise myths	Paul Burge	042 Quieting Aircraft Takeoff Roll with an Active Noise Control System	Joe Czech	009 Hybrid Neural-Physics Inverse Design of Acoustic Metamaterials for Targeted Sound Absorptive Parameter Estimation	Tenon Charly Kone	174 Model Predictive Control of Adaptive Acoustic Media for Programmable Directional Asymmetry	Tharun Vaithya Devaraj
3:10-3:30 PM		144 Considerations in HVAC Silencer Applications: Noise Control SPICE	Karl Peterman	024 Traffic efficiency and noise implications of hybrid roundabout intersection alternatives	Kolawole Oladipo	115 Helicopter noise study on outdoor annoyance and sleep disturbance in rural residential areas	Stalin Vera	100 Efficient Acoustic Multiple Scattering Solver	Nathan Wesling	173 Data-Driven Time-Domain Optimization of Acoustic Scatterers Using Surrogate-Assisted Model Predictive Control	Sathish Kumar Arumugam
3:30-3:50 PM		179 Application of double tuned expansion chambers to square cross-section ductwork	Ke Luo	018 Modeling Urban Traffic Noise as a Function of Pavement Surface Type and Vehicle Speed	Jeremiah Akinlade	209 Does medical imaging equipment vibrate with aircraft flyovers?	Clint Cyr	052 High-level acoustic testing of sonic crystals in a flow impedance tube	Marco Lizotte	097 A physics-based virtual sensing framework integrating Kalman filter and Newmark-beta method for structural dynamics	Jihwan Jang
3:50-4:10 PM		199 Environmental noise due to variable frequency drives	Benjamin Davenport	016 Uphill Acceleration Noise Exposure: Vehicle-Pavement Interaction and Pedestrian Noise Exposure in Urban Corridors	Adeyemi Ibiyemi	192 Characterization of Urban Air Mobility Noise Sources based on Concurrent Full-Scale Community Noise and Cabin Noise Measurements	Juliet Page	170 Digital twin-enabled acoustic retrofit framework for aging residential buildings	Israel Jimson	175 Acoustic Willis Coupling via Gradient-Based Optimization of Multiple Scattering Configurations	Tharun Vaithya Devaraj
4:10-4:30 PM		207 Classroom noise and the IBC	Jeff Kwolikoski			236 Active noise control research for future mobility	Chisung Oh	168 Cruxes and Keys to Modular Lightweight Timber Construction	Iliana Schad	029 NoiseHelp: an open knowledge platform for advancing noise control education and practice	Chelsea McMeen
4:30-4:50 PM		149 Pressure reduction valve system noise and vibration control in a residential building	Guangsheng (Sam) Du	161 Estimating the noise footprint of delivery trucks: a methodological approach	Timoteo Frelau	229 GPS-synchronized, large-scale measurement of structural and acoustic response to next-generation launch vehicles at Kennedy Space Center (4:30-4:40)	Brian Zatzkin	222 Material testing at Owens Corning Acoustic Research Center (4:30-4:40) 228 A system for using swept sine for the measurement of sound absorption and sound transmission in the laboratory and the field (4:40-4:50)	Jennifer Shaw Jeff Schmitt	108 Evaluating acoustic language models through the lens of Bloom's taxonomy	Jennifer Celeste

Saturday, July 11NOISE-CON 2026 Technical Program											
		<i>Building Acoustics - Codes and Standards</i> Chairs: Erin Dugan, Jennifer Shaw, Mike Raley	<i>Salons C&D</i> Presenting Author	<i>Transportation - Wildlife Considerations</i> Chairs: Judy Rochat, Tara Cruz	<i>Ocean Ballroom</i> Presenting Author	<i>Community Noise - General III</i> Chairs: Mark Storm, Andrew Schad	<i>Barcelona/Casablanca</i> Presenting Author	<i>Experimental Techniques II</i> Chairs: Steve Hambric, Mike Bahtarian	<i>Tokyo/Vancouver</i> Presenting Author	<i>Melbourne</i>	
8:00-8:20 AM	Technical Sessions 8-9:20	067 Hospital helipad sleep disturbance and associated building envelope design	Nolan Ames	150 Modeling highway traffic noise for wildlife movement	Fraser Shilling	152 Evolving institutional policy and its influence on campus community noise assessment	Nicholas Segovia	004 Understanding and Meeting Vibration Specifications with Piezoelectric Accelerometers	Stephen Hambric		
8:20-8:40 AM		122 Assessing rebuild variability of sound transmission loss measurements – a complementary study to an interlaboratory evaluation of ASTM E90	Iara Batista	157 Mitigating Highway Traffic Noise for More Effective Wildlife Crossing Structures	Fraser Shilling	082 Shortfalls of annoyance thresholds in projects development, permitting, and regulation	Andrew Schad	085 Assessing suction cups as a non-destructive alternative for accelerometer mounting	Nicholas Zomparelli		
8:40-9:00 AM		163 A systemic study of the uncertainties of the acoustical design of exterior façade assemblies	Wayland Dong	121 Enhancing regulatory noise assessments for jaguars and ocelots in complex terrain: integrating parabolic equation physics to resolve nocturnal sound ducting	Ivan Racic	166 Coordinated aerodynamic and acoustical performance beyond compliance in data center design	Viken Koukounian	074 Comparison of two experimental methods for characterizing a preloaded metal spring	David Neihguk		
9:00-9:20 AM		092 Volume limits on ASTM field sound test standards	Jerry Lilly			191 The birds, bees, and BESS... assessing summertime battery storage facility noise	Mark Storm	194 Two-Transducer Method for Measuring Gas Pressure Pulsation	Steven Marshall		
9:20-9:40 AM	Break	<i>Building Acoustics - General II</i> Chairs: Jeanette Hesedahl, Julie Fischer	<i>Salons C&D</i> Author(s)	<i>Transportation - Highway Noise Predictions</i> Chairs: Robyn Hartz, Karel Cubick	<i>Ocean Ballroom</i> Author(s)	<i>Motor Vehicle Noise II</i> Chairs: Steve Sorenson, Paul Donovan	<i>Barcelona/Casablanca</i> Author(s)	<i>Experimental Techniques and Acoustic Materials</i> Chairs: Charlie Moritz, Emma Butterfield	<i>Tokyo/Vancouver</i> Author(s)	<i>Information Technology</i> Chairs: Charles Oppenheimer, Seth Bard	
9:40-10:00 AM	Technical Sessions 9:40-11:20	020 Acoustical and environmental impact relationships of all-electric buildings	Ethan Salter	111 Validation in TNM 3.2	Robyn Hartz	080 Toplogy and Micro-geometry Optimization of Lightweighting Gear Designs for Electric Propulsion Systems with AI-Assisted Simulation	Song He	210 Examining the influence of sample size when measuring normal incidence sound absorption of faced materials	Charles Moritz		
10:00-10:20 AM		134 Estimating effects of on-site helicopter noise on hospital shell requirements	Benjamin Copenhaver	068 Noise model overprediction associated with excessive heavy truck percentages	Catherine Robbins	086 Impact of skew angle error to electric machine noise and vibration level	Keyu Chen	099 Development of multi-microphone acoustic impedance tubes to measure at frequencies higher than 10 kHz	Jeong-Woo Kim		
10:20-10:40 AM		135 Perforated metal panel parking garage façade noise part 2	Bethany Wu	112 Noise Analysis Methodology: Truck Parking Expansion Projects in TNM	Nick Thibault	138 Analysis of vibration and noise generation from rolling tire tread pattern contact force using computational physics simulations	Yunpei Yang	091 Laboratory Acoustic Testing Versus Real-World Performance: Variability, Setup Sensitivity, and Weak Points in Noise-Control Assemblies	Brandon Wallace	062 A new Ecma standard under development: HDD vibroacoustic disturbance measurement	
10:40-11:00 AM		136 Noise and vibration assessment from a go-kart track inside a mall	Francisco Irarrazabal	196 Scalable traffic noise propagation modeling for US residential areas: a pilot study in Portland, Oregon	Eleanor Williams	233 Analysis on low-frequency vibration of electric vehicle body system	Hyun-Woo Han	045 Experimental characterization of simple controlled impedance bulk absorbers (SCImBA)	Christopher Shoemaker	103 Measurement of composed rack products in ECMA-74: a proposal for enhanced modeling and validation procedures	
11:00-11:20 AM		118 Influence of floating floor structures on flanking sound transmission across cross-laminated timber junctions	Ashwin Dias	235 Case study of Iowa dot's alternative noise reduction strategies (ANRS) program	Charles Bernhard	184 Numerical simulation of audio tuning during vehicle development	Phil Shorter	213 Noise as a workplace hazard: frequency effects and control strategies	Ephraim Massawe	116 Measurement of composed rack products in ECMA-74: the need for improved models	
11:20-11:30 AM	Quick Break										
11:30-12:45 AM	Awards Ceremony, Closing Remarks, USC Marching Band!			<i>Salons C&D</i>							
1:00-1:30 PM	Lunch Break					<i>Transportation - Highway Noise Workshop (2:30-6:00)</i> <i>Barcelona/Casablanca</i> Chair: Adam Alexander Author(s)				<i>IT Committee Meeting (1:30-6:00)</i> <i>Melbourne</i>	
1:30-2:00 PM											
2:00-2:30 PM											
2:30-2:50 PM						123 Highway noise modeling workshop: making the transition to FHWA TNM 3 Adam Alexander					
2:50-3:10 PM						065 Demonstration of the stacked panel spreadsheet tool – a bridge between noise analysis and noise barrier design Matthew Mann				(note: IT Committee Meeting continues Sunday, same room, 8:00 AM - 5:00 PM)	
3:10-6:00 PM						FHWA TNM demonstration Breakout groups					