

Welcome to NOISE-CON 2023 and Grand Rapids!

Thank you for joining us at this year's NOISE-CON. We have an outstanding program of technical papers, keynote speakers, exhibitors, and associated social events that will expand your knowledge and network. INCE is pleased to co-locate this event with the SAE Noise & Vibration Conference and Exposition and sharing sessions featuring INCE and SAE speakers. Check out the various sessions and use the mobile app for more session details and to plan your experience. Enjoy the event and your time in Grand Rapids!

Thank you to Our Sponsors



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Conference Bags



Student Breakfast



Lanyards



Women in Noise Control Breakfast



Proceedings



Coffee Break



Technical Tour



Coffee Break

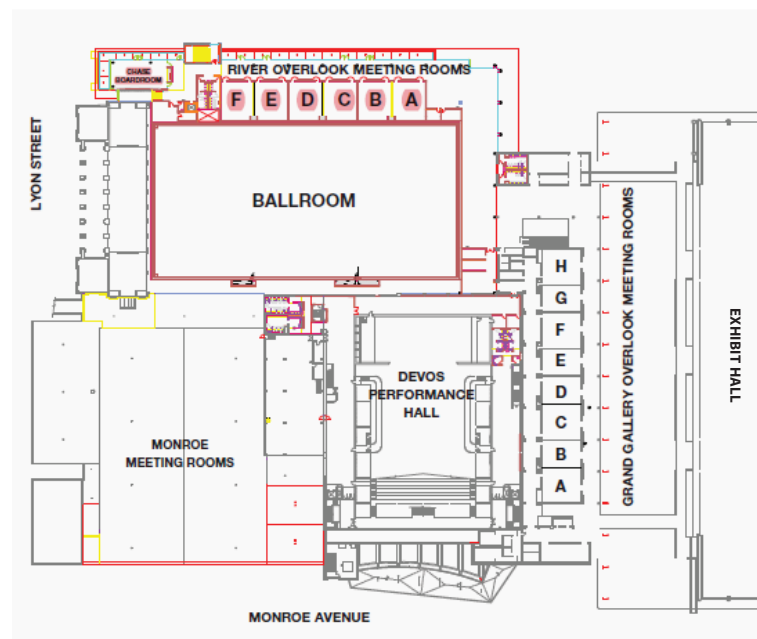
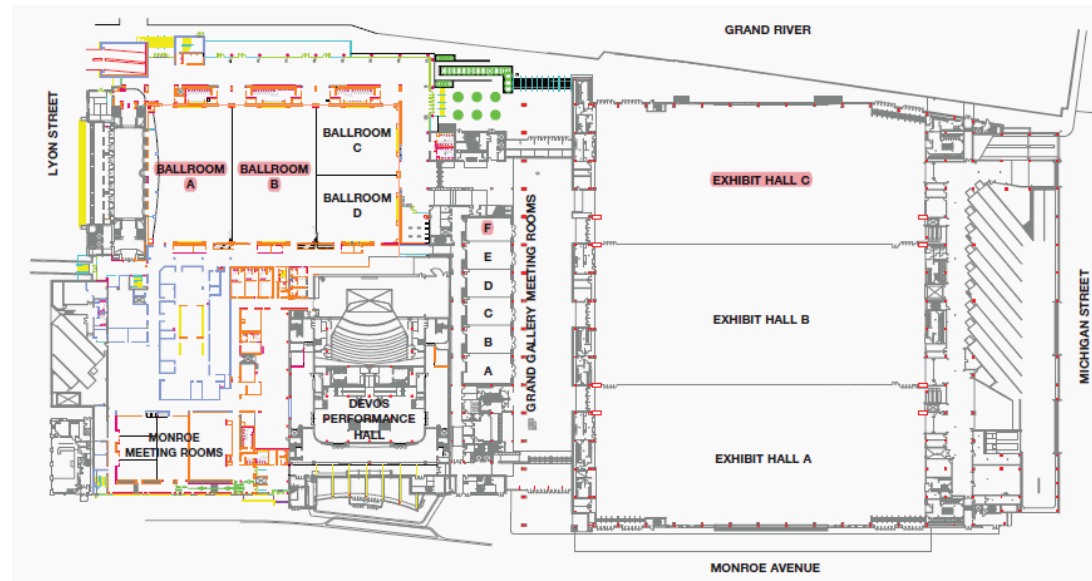
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Venue Maps

Street Level:

1. Ballrooms AB – plenary INCE/SAE
2. Exhibit Hall C – Exhibit Hall INCE/SAE
3. Exhibit Hall C Foyer – Registration INCE/SAE



Overlook Level:

1. Chase Board Room
2. River Overlook A - E INCE Sessions



Creating Quiet in a Chaotic World

Co-located with the 2023 SAE Noise & Vibration Conference and Exposition



Download the Noise-Con 2023 Mobile App

You will find the schedule, exhibit information, Wi-Fi instructions, list of speakers, floor plans, and more!

Scan this QR code to download the Mobile app or visit the Apple App Store or Google Play and search for the SAE International Events app to download

Sponsored by DEWESoft

WiFi Information

USERNAME: NC2023

PASSWORD: INCENC2023

NOISE-CON Plenary & Technical Sessions

Specific session timing noted in the mobile app

MONDAY MAY 15, 2023

8:00 – 9:30 AM

INCE Opening Session and Plenary Lecture by Richard G. DeJong, Sc.D.: *A Tribute to Dick Lyon and Jerry Manning for bringing Statistical Energy Analysis from Concept to CAD*
Sponsored by CDM Stravitec

Ballroom AB

9:30 AM - 10:15 AM

INCE General Meeting

Ballroom AB

10:15 AM - 10:40 AM

Coffee Break - sponsored by LogiSon Acoustic Network.

River Overlook Foyer

10:40 AM - 12:00 PM

Isolating Buildings from Exterior Noise (4 papers)
Classic Papers (4 papers)
Additive Manufacturing of Acoustical Materials (4 papers)
Experimental Techniques - Signal Processing (3 papers)
Transportation Noise - Truck traffic and other warehouse noise sources (3 papers)

River Overlook A
River Overlook B
River Overlook C
River Overlook D
River Overlook E-F

1:30 PM - 3:10 PM

General Topics in Building Acoustics (5 papers)
Environmental Noise Modeling (4 papers)
New Generation Acoustic Materials (4 papers)
Transportation Noise - Aircraft and Airports (4 papers)

River Overlook A
River Overlook B
River Overlook C
River Overlook E-F

3:10 PM - 3:40 PM

Coffee Break - sponsored by NTI-Audio Inc.

River Overlook Foyer

3:40 PM - 6:00 PM

HVAC and Building System Noise and Vibration Control (5 papers)
Pickleball Noise (5 papers)
Experimental Techniques - General Topics (7 papers)
Empirical and test-based modeling and validation (5 papers)
Construction and Demolition Noise and Vibration (7 papers)

River Overlook A
River Overlook B
River Overlook C
River Overlook D
River Overlook E-F

6:00 PM - 8:00 PM

Welcome Networking Reception

Exhibit Hall C

TUESDAY MAY 16, 2023

8:30 – 9:30 AM

Morning Plenary Lecture With SAE: *Hillquist Award Winner, James R. Blough, Pd.D.*

Ballroom AB

10:30 AM - 12:30 PM

Sound & Impact Isolation of Floor/Ceiling Assemblies (5 papers)
Community Noise (6 papers)
Prediction and Modeling - Numerical Methods (5 papers)
Information Technology and Product Noise (5 papers)
Transportation Noise - Rail Noise and Vibration (6 papers)

River Overlook A
River Overlook B
River Overlook C
River Overlook D
River Overlook E-F

Hybrid/Electric and Electric Vehicles – Test Facilities and Consequences of Minimum Sound Regulatory Requirements - A Joint Session with SAE

Ballroom AB

Active Sound and Vibration Enhancement/Cancellation Methods & Applications Part 1 - A Joint Session with SAE

Ballroom C

2:00 PM – 3:30 PM

Prediction and Modeling - General Topics (3 papers)
Transportation Noise - Highway Traffic Noise Reduction Strategies (4 papers)

River Overlook C
River Overlook E-F

Active Sound and Vibration Enhancement/Cancellation Methods & Applications Part 2 - A Joint Session with SAE

Ballroom C

SAE Cooperative Research Program Update (Panel Discussion) - A Joint Session with SAE

Ballroom AB

3:30 PM – 5:00 PM

Lightweight Vehicle Construction Acoustic Design - A Joint Session with SAE

Ballroom AB

3:30 PM – 5:10 PM

Motor Vehicle Noise (5 papers)
Community Noise - Planning and Policy (2 papers)
Acoustic Materials - General Topics (3 papers)
Active Noise Control - General Topics (3 papers)
Transportation Noise - Highway Traffic Noise Measurement and Modeling (5 papers)

River Overlook A
River Overlook B
River Overlook C
River Overlook D
River Overlook E-F

WEDNESDAY MAY 17, 2023

8:30 – 9:30 AM

Morning Plenary Lecture With SAE: *Breaking the Sound Barrier: Achieving Quiet Supersonic Flight Over Land, Peter Coen*

Ballroom AB

9:30 AM – 10:30 AM

INCE Awards Ceremony

River Overlook E-F

10:30 AM – 12:30 PM

Building Acoustic Standards - What You Need to Know (Workshop)
Special Topics in Noise and Vibration Control (3 papers)
Quiet Spacecraft Cabin Ventilation Fan Noise Research at NASA (6 papers)
Transportation Noise - Highway Traffic Noise I (6 papers)

River Overlook A
River Overlook B
River Overlook C
River Overlook E-F

Unmanned Aerial Vehicle (UAV) and Advanced Air Mobility (AAM) Noise - A Joint Session with SAE

Ballroom C

1:00 PM - 6:00 PM

Information Technology Equipment

Haldane Room, Amway Hotel

2:00 PM – 3:00 PM

Aerodynamic Noise Prediction and Validation - A Joint session with SAE (1/2)

Ballroom C

2:30 PM – 4:00 PM

TRB Workshop - Design-Build Project Challenges

River Overlook B

3:30 PM – 5:00 PM

Aerodynamic Noise Prediction and Validation - A Joint session with SAE (2/2)

Ballroom C

4:15 PM – 5:45 PM

TRB Workshop: Current and Future Heavy Truck Fleets and Noise Considerations

River Overlook B

THURSDAY MAY 18, 2023

8:00 AM - 6:00 PM

Information Technology Equipment

Haldane Room, Amway Hotel

8:30 AM - 9:30 AM

Transportation Noise - Highway traffic noise II (6 papers)
SAE Plenary: Automotive Noise, Dr. Kiran Govindswamy
Thursday Keynote: NVH Development in the Age of Electrification

Chase Boardroom
Ballroom AB

10:45 AM - 12:45 PM

TRB Meeting

Chase Boardroom

SPECIAL EVENTS

Breakfast Meetings

Monday, May 15, 7:00 AM - 8:00 AM

INCE Board Certification Breakfast: Learn how to become an INCE Board Certified Professional

Pearl Room, Amway Hotel

Tuesday, May 16, 7:30 AM – 8:30 AM

Women in Noise Control Engineering Breakfast, sponsored by PAC International, LLC.

Chase Boardroom, DeVos Convention Center

Wednesday, May 17, 7:30 AM – 8:30 AM

Student Breakfast, sponsored by the National Council of Acoustical Consultants (NCAC)

Chase Boardroom, DeVos Convention Center

Chat with the Experts

Exhibit Hall

Tuesday, May 16, 2:00 PM – 3:00 PM

- Acoustic Materials
- Auto/Aero NVH Simulation
- Off-Highway Electrification Challenges
- UAM Noise

Wednesday, May 17, 2:00 PM – 3:00 PM

- CAE/Test Correlation
- Active Noise Cancellation
- Advanced Automotive Audio System
- Enhancing the Character of an EV with the Signature Sounds of a Performance Exhaust

Technical Tour & Reception

Tuesday, May 16, 3:30 PM – 6:15 PM

Experience innovative acoustical design at two of the newest constructed buildings on the Grand Rapids Community College campus, followed by a reception in the Secchia Piazza. Look for event signs for transportation.
Sponsored by Wenger Corporation.

Walking Brewery Tour, an SAE event

Tuesday, May 16, 6:00 PM - 10:00 PM

