

In Association with:



Alberta Acoustics,
Noise & Vibration
Society



CANADIAN ASSOCIATION
ACOUSTICAL CANADIENNE
ASSOCIATION D'ACOUSTIQUE
ACOUSTICS
WEEK CANADA

CANADIAN ACOUSTICS CONFERENCE 2025

"Bridging Research with Practical Innovation"

REGISTRATION
EVENTBRITE



15 - 16 OCT, 2025
2 days

Carriage House Hotel &
Conference Centre, Calgary

more details at aanvis.ca

THE ALBERTA ACOUSTICS CONFERENCE AND ACOUSTICS WEEK IN CANADA WILL MERGE IN CALGARY, ALBERTA FOR 2025 FOR THE **CANADIAN ACOUSTICS CONFERENCE 2025.**

THE EVENT WILL BRING TOGETHER PROFESSIONALS, RESEARCHERS, STUDENTS AND PRACTITIONERS FROM ACROSS THE COUNTRY FOR TWO DAYS OF KNOWLEDGE-SHARING, DISCUSSION, NETWORKING, AND INSPIRATION.

HOSTED IN COLLABORATION BETWEEN [ALBERTA ACOUSTICS, NOISE & VIBRATION SOCIETY \(AANVIS\)](#) AND THE [CANADIAN ACOUSTICAL ASSOCIATION \(CAA\)](#), THIS WILL BE A BLEND OF ACADEMIC INSIGHT AND REAL-WORLD APPLICATION.

FROM INDUSTRIAL NOISE AND VIBRATION CHALLENGES TO ARCHITECTURAL ACOUSTICS AND REGULATORY UPDATES, THE CONFERENCE WILL BRIDGE RESEARCH AND PRACTICE ACROSS DISCIPLINES AND CANADA.

AANViS and CAA Member, and Student Discounts Available

CHECK OUT THE PRESENTERS: [HERE](#)
REGISTER TO ATTEND: [HERE](#)

Main Ballroom

Breakfast 08.00 – 08.45

Windsor Ballroom

AANViS President Opening Remarks 08.45 – 09.00

Dan Clayton (AANViS President) · AANViS Present
kicks off the proceedings and sets us up for the day

A no-code AI tool to obtain insights from noise
measurements 09.00 – 09.30

Carlos Yoong (Wood VDN)

Noise from centrifugal compressor piping support
structure 09.35 – 10.00

Chris Bibby (Wood VDN)

Application of Acoustic Camera Imaging for
Industrial Heritage Buildings 10.05 – 10.25

Irina Olivares & Sam East (GHD)

Morning Coffee Break 10.25 – 10.40

Main Foyer

Bridging the airflow gap: Proposing a new efficiency
metric for louvered screen performance 10.40 – 11.00

Viken Koukounian (Parklane Mechanical)

Case Study – Low Frequency Rail Vibration
Prediction and Mitigation for MRI Equipment 11.05 – 11.35

April Vissers (Aercoustics)

Railway tunnels as barriers to their own Ground
Borne Vibration 11.40 – 12.00

Ben Phillipson (Aercoustics)

Lunch 12.00 – 12.45

Windsor Ballroom

Keynote – “Noise and Health: Are We Doing Enough in Policy and Practice?”	12.45 – 13.30
Charlotte Clark (University of London)	
Tradeshow	13.30 – 13.45
Construction noise limits and monitoring at an elementary school	13.45 – 14.05
Galen Wong (Stantec)	
Rooftop Equipment Hourly Operation – initial observations	14.10 – 14.25
Peter VanDelden (RWDI)	
Predicted LFN STL of building elements & dBZ and dBA ratings external dB(Z)	14.30 – 15.00
Cedric Roberts (Patching Associates)	
Afternoon Coffee Break	15.00 – 15.15
Main Foyer	
Orbicularis Oris Activation in Code-Switched Japanese-English Bilingual Speech	15.40 – 15.50
Anna Storoz Ferguson (University of British Columbia)	
Design of a compact dual-resonator metamaterial for vibration isolation	15.40 – 16.00
Vignesh Krishnan (Defence Research and Development Canada (DRDC))	
Tradeshow	16.00 – 17.00
Desert Palms	
Acoustics 101 Workshop (Fee Applies)	09.00 – 12.00
Steven Bilawchuk (ACI)	
Lunch	12.00 – 12.45
Windsor Ballroom	

Keynote – “Noise and Health: Are We Doing Enough in Policy and Practice?”	12.45 – 13.30
Charlotte Clark (University of London)	
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Break	13.30 – 13.35
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Acoustic and Contextual Effects on Learning Novel Speech Sounds	13.45 – 14.00
Charys Russell (University of Calgary)	
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Adaptations in motor program selection in response to labial obstructions	14.05 – 14.20
Marija Cvetkovic (University of British Columbia)	
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Labial activation in plosives between L1 and L2 English speakers	14.25 – 14.35
Victor Wong (University of British Columbia)	
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Own-Voice Pitch Perception Isn't Just About Bone Conduction	14.40 – 15.00
Maddy Walter (University of British Columbia)	
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Afternoon Coffee Break	15.00 – 15.15
Main Foyer	
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How Mandarin Speakers Navigate English Pronunciation: Articulatory and Acoustic Measures	15.15 – 15.35
Melissa Regier, Justine Chung, Bella Gingerich and Michelle Balzer (University of Alberta)	
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Break	15.35 – 15.55
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Visual Perception of Gravity: Effect on Speech Tongue Posture	15.55 – 16.05
Masha Chernets (University of British Columbia)	
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Break	16.05 – 16.35
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CAA BOD Meeting	16.35 – 18.35
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Main Ballroom

Breakfast 08.00 – 08.45

Windsor Ballroom

CAA President's Opening Remarks 08.45 – 09.00

Addressing Construction Noise and Vibration
Challenges in Urban Infrastructure Development 09.00 – 09.10

Gillian Redman (Arcadis), Nicholas Sylvestre-
Williams (Aercoustics), Christopher Bosyj
(Aercoustics)

Panel Discussion: Addressing Construction Noise
and Vibration Challenges in Urban Infrastructure
Development 09.10 – 09.25

Gillian Redman (Arcadis), Nicholas Sylvestre-
Williams (Aercoustics), Christopher Bosyj
(Aercoustics), Dan Clayton (AANViS)

Using Heatmaps to Understand Structural Vibration 09.30 – 09.45

Banda Logawa (SLR)

Navigating ASTC Mockup Testing: Challenges and
Mitigation Strategies 09.50 – 10.10

Adam Collins (Stantec)

Effort and Related Perceptions While Listening to
Speech Passages in Background Noise 10.15 – 10.30

Joseph Rovetti (Western University)

Morning Coffee Break 10.30 – 10.45

Main Foyer

Achieving Speech Privacy Requirements in
Healthcare Facilities using Partial Height Partitions 10.50 – 11.10

Jeremy Thorbahn (Thorbahn Acoustics)

No More Assumptions: The Value of a True Baseline
in Noise Assessment 11.15 – 11.35

Dan Clayton (AANViS)

Acoustic Design of Stratford's new Tom Patterson Theatre Payam Ashtiani (Aercoustics)	11.40 – 12.00
Lunch Windsor Ballroom	12.00 – 12.45
Tradeshow	12.45 – 13.00
Reverberation Time Predictions with Two-Sided Acoustic Materials Brad Myers (Western Noise Control)	13.00 – 13.30
The Impact of the Acoustical Learning Environment – Student Learning and Accessibility Ellen Buchan (Alberta Infrastructure)	13.35 – 14.00
Panel Discussion: Beyond STC and IIC: Rethinking Building Acoustics for Modern Demands Banda Logawa (SLR), Ben Vause (Kinetics Noise Control), Philipp Wloka (Alberta Infrastructure), More TBC	14.05 – 14.35
Afternoon Coffee Break Main Foyer	14.35 – 14.50
Sustainability Noise Control Project Case Study Umberto Berardi (CAA)	14.55 – 15.15
CAA Awards & President's Closing Remarks	15.15 – 15.30
AANViS President's Closing Remarks	15.30 – 15.45
Tradeshow	15.45 – 16.30
CAA Annual General Meeting DESERT PALMS ROOM	16.30 – 17.30
Evening Event: National Music Centre, Calgary (Offsite) Buses depart at 5.30 pm from Carriage House Hotel NMC Tour 1 18:15 – 18:45 NMC Tour 2 18:45 – 19:15 Reception NMC East Village Skybridge	

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FOR
YOU

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In Association with:



KEYNOTE SPEAKER: CHARLOTTE CLARK

**NOISE AND HEALTH:
Are We Doing Enough in
Policy and Practice?**



Transportation and environmental noise affect sleep, learning, heart health, and quality of life.

Yet in Canada, health impacts are rarely part of policy or everyday consulting.

Professor Charlotte Clark, a global leader in noise epidemiology, will share the latest international research, debunk common myths, and show how health evidence can shape better projects, policies, and outcomes.

With experience across research and consulting, she brings a unique perspective that bridges science and practice, offering timely insights for acousticians, planners, and decision makers.

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ACOUSTICS 101 WORKSHOP ON WEDNESDAY AM.

AN INTRODUCTION TO ACOUSTICS AND A GOOD GROUNDING IN KNOWLEDGE FOR THOSE WANTING TO LEARN MORE. ADD THIS OPTION ON CHECKOUT THROUGH EVENTBRITE FOR ONLY \$75.

CANADIAN ACOUSTICS CONFERENCE 2025

**Evening Event:
National Music Centre, Calgary
Tour and Dinner
6-9PM Thu Oct 16
Transport Provided**



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SPONSOR THE CONFERENCE: [CLICK HERE TO SPONSOR](#)

Platinum Sponsor – \$7,000 | Large logo on all promotional media, full page ad in conference proceedings, Inclusion on sponsor list and verbal recognition in conference, Trade show table in presentation room, up to 3 full conference passes included

Gold Sponsor – \$4,000 | Medium Logo on promotional media and conference proceedings, Inclusion in sponsor list, Trade show booth in presentation room, 1 full conference pass included

Silver Sponsor – \$3,000 | Small logo on promotional media and conference proceedings, Inclusion in sponsor list, Trade show table in foyer or breakout room, 1 full conference pass included

Exhibitor – \$2,000 | Tradeshow table in foyer or breakout room, 1 full conference pass included



VENUE: CARRIAGE HOUSE HOTEL & CONFERENCE CENTRE, CALGARY, AB

Discounted hotel rates apply for nights Tuesday, October 14, to Friday, October 17, check out only on Saturday, Oct 18.

Standard Room \$159, Premium Room \$189.

Rates are based on availability. Applicable taxes and fees are not included.
The above rates are net, non-commissionable, and quoted in Canadian dollars.
Based on single or double occupancy. \$20.00 extra person charge applies.

Booking Instructions:

Call: +1-403-253-1101 or toll free 1-800-661-9566

Email: reservations@carriagehouse.net

Please reference the **Canadian Acoustics Conference 2025** when booking hotel accommodations.

Online Booking Link: ([Canadian Acoustics Conference 2025](#))

Please reserve rooms before Monday, September 15, 2025

ALBERTA ACOUSTICS, NOISE, AND VIBRATION SOCIETY PRESIDENT'S NOTE:

It has been inspiring to watch the Alberta Acoustics Conference grow over the past few years, and I am particularly excited to now take this momentum onto the national stage through the Canadian Acoustics Conference 2025. By aligning with the Canadian Acoustical Association as part of Acoustics Week in Canada, we are helping to shape a truly national platform for acoustics.

For me, this conference is about more than presentations. It is about nurturing and advancing the practice of acoustics across Canada.

Building stronger regulations, elevating education, and raising the profile of acoustics in society. This includes environmental noise and building design practitioners, product and solution suppliers, and increasingly, people from adjacent fields such as audio engineering, live sound, recording, and music.

Bringing these communities together helps us share knowledge, create connections, and find solutions to the challenges we all face.

We also want to inspire municipalities, provincial and federal governments, and international partners by sharing best practice and practical approaches that can inform policy and design standards.

The calibre of presentations this year is outstanding, covering a wide range of sectors and perspectives. I am particularly looking forward to our panel discussions and to Professor Charlotte Clark's keynote, which will shine a light on the critical links between noise and health. This is an area close to my heart, and I believe it is where we as acousticians can make a difference.

Alongside the main program, I'm pleased that we are again offering the Acoustics 101 workshop, an accessible introduction to the field that provides more than any textbook could, and a great way to help newer professionals and students build their foundation.

A heartfelt thank-you goes to our sponsors, whose support makes this event possible. Your investment not only enables this conference but strengthens the acoustics industry across Canada.

Finally, I am especially excited about this year's evening tour and dinner at a Calgary music landmark, the National Music Centre. It will be a memorable opportunity to connect socially, celebrate our community, and enjoy the city's culture together.

I look forward to welcoming you all in Calgary, to the conversations that will shape our future, and to another milestone in building a stronger, more connected acoustics industry in Canada.



Dan Clayton, President

Alberta Acoustics, Noise & Vibration Society



What is AANViS?

Alberta Acoustics, Noise & Vibration Society (AANViS): Building a Stronger Acoustics Community

AANViS is your connection point for everything acoustics in Alberta. We foster a vibrant community where professionals can connect, share knowledge, and contribute to shaping the future of sound management in the province.

A Platform for Collaboration:

- **Networking Events:** AANViS facilitates social events and conferences, creating opportunities to build relationships, exchange ideas, and network with fellow acoustics enthusiasts.
- **Discounted Learning:** We negotiate special rates for conferences, tours, and educational events, making professional development readily accessible for our members.
- **Regular Newsletters:** Stay informed with the latest industry updates and trends through our informative quarterly newsletters.

Your Voice, Amplified:

- **Shaping Regulations:** AANViS provides a platform for members to contribute expertise and inform the development of effective acoustics guidelines and regulations for Alberta.
- **Sharing Best Practices:** We encourage members to share their knowledge and experiences, fostering a culture of continuous improvement and innovation in the field.
- **Public Education:** AANViS works with members to raise public awareness about key acoustics issues, promoting a sound-conscious society.

Investing in the Future:

- **Student Outreach:** AANViS facilitates programs to inspire and attract the next generation of acoustics professionals.
- **Knowledge Sharing Platform:** Our newsletter provides a platform for members to contribute articles and shape industry conversations.
- **Promoting the Field:** AANViS works with members to promote the importance of acoustics across Alberta.

Become part of the AANViS community and contribute to a sounder future for Alberta!

BECOME A MEMBER