# Vibration Hardware Round-Up & Round Table

**Tuesday, October 20, 2026**, from 8:00 AM to 5:00 PM
**NAIT Productivity & Innovation Centre – Room 230**
(Northern Alberta Institute of Technology)
11762 - 106 Street, Edmonton, AB, Canada, T5G 2R1

CMVA ACVM
Asset Reliability | Fiabilité des actifs

## About the Course

This workshop is designed for new and experienced vibration program users who want to improve how they are using existing vibration hardware and software, learn practical tips and tricks from SMEs and evaluate their current vibration program against industry benchmarks. This session emphasizes hands-on-learning, open discussion, and peer-to-peer knowledge sharing. Participants are encouraged to bring their own vibration hardware and, where feasible, software to optimize their programs in real time. The primary objective is to enable current users by sharing practical methods for performing advanced functions within their existing vibration programs. Participants will be better positioned to identify gaps, determine next steps, and make informed decisions regarding further training or program development.

### Course Topics

- Vibration Program Foundations & Benchmarking
- Hardware Round-Up – Sensors, DAQs and Interfaces
- Advanced Analysis Best Practices
- Operating Deflection Shapes & Modal Analysis
- System Optimization & Upgrade Decision Making
- Round Table – The Future of Vibration-Based CBM
- Optional Add-Ons: : Pre-workshop vibration program self-assessment; Post-workshop summary and recommendations; Follow-up virtual round-table session

### Meet your instructors

Clayton Adams, C.E.T., CAT III is the Technical Lead and Machinery Asset Specialist with Spartan Controls' Machinery Performance Group, specializing in reciprocating equipment. He applies advanced diagnostics, including performance analysis, ODS, modal, and multi-channel transient analysis. In his current role, he mentors analysts and supports troubleshooting initiatives, including leading data collection for a twice-yearly baseline program on more than 110 reciprocating compressors in Northern British Columbia.

Joe Jo, P.Eng., has over 15 years of experience in Machinery Health and Reliability. He has worked internationally to provide customers with Emerson vibration and condition monitoring systems, while also supporting and managing major projects locally across a wide range of industrial sectors, including oil and gas, mining, and processing industries. Joe is also a Certified Emerson Instructor, with strong expertise in delivering training on emerging technology applications.

## Need more information?

Call 416 622-1170 option 1 ● Email director@cmva.com ● www.cmva.com

## Who Should Attend?

- Reliability Engineers
- Vibration Analysts (CAT I-III)
- Maintenance and Condition Monitoring Specialists
- CBM Program Owners and Managers
- Engineers evaluating new vibration systems or program maturity

## Fees

**Early bird rate until August 31st**
**$1 125**
Regular fee starting September 1st
$1 250

This course can be combined with the Waveform Analysis (Time Domain) Course on October 19th:

**Early bird rate until August 31st**
**$1 800**
Regular fee starting September 1st
$2 000

### What's included ?

- AM & PM coffee breaks
- Lunch
- Course notebook
- October 20 NAIT shop tour

## To register

1. Log in or create a user profile on www.cmva.com
2. In the Shop (top right), select ATC Pre-Conference Courses
3. Choose a course + add to cart
4. Continue shopping or select View Cart
5. Follow the prompts to proceed to payment.

## Adding value to your training : Attend the 2026 CMVA Annual Technical Meeting

**The 2026 ATC will take place at NAIT in Edmonton, Alberta October 21-22.** Expect hands-on training, expert speakers and focused technical streams. This conference will include a tradeshow featuring exhibitors representing the reliability realm, offering a path to increased uptime through products, services, and training for all of the relevant predictive technologies.

**To register to the ATC**
In the store,after selecting your course(s), go to Annual Technical Conference Registration section & choose the appropriate fee.