

MIWAI 2026 Industry Showcase

Where AI research meets industry practice.

OCTOBER 10-12, 2026

HALIFAX, NOVA SCOTIA, CANADA

12 PARTNERS • 10 SECTORS

The MIWAI 2026 Industry Showcase brings together **companies and public-sector partners applying artificial intelligence to real-world problems** across Nova Scotia and beyond. Each partner presents their work in three parts — a recorded presentation, an infographic summarising the project at a glance, and a written abstract — open to explore at your own pace, before, during and after the conference.

MEET THE 12 SHOWCASE PARTNERS

Recorded talk + infographic + abstract for every project

1 Artinus Consulting Inc. **SUPPLY CHAIN & LOGISTICS** SKU Pilot: An ERP-Connected AI Control Tower

Forecasting, 3D container loading and landed-cost tools that help import-intensive businesses move from spreadsheets to proactive planning.

2 Halifax Learning **EDUCATION** Automating Phonological Assessments

A scalable platform that turns one-to-one phoneme testing into an automated, asynchronous assessment with educator verification.

3 Nova Scotia Health **PUBLIC SECTOR** Strategic Resource Optimization & Decision Support

Personalised dashboards that align regional facility resources with community demand — and train 15 Master's interns in digital health.

4 Kardio Diagnostix **HEALTHCARE AI** AI-Powered Pediatric Heart Murmur Triage

Physics-informed signal processing and deep learning to distinguish benign murmurs from pathologic abnormalities and cut unnecessary referrals.

5 Wellnify.ai **HEALTH & WELLNESS** Holistic Personalization for Wellness Engagement

Engagement dashboards plus an NLP recommendation engine that suggests tailored Mind, Body and Spirit activities for healthier communities.

6 MacDon Industries Ltd. **AGRICULTURE** Synthetic Data for Agricultural Segmentation

Photorealistic synthetic data and domain adaptation to train crop-row semantic segmentation models with far less manual labelling.

7 Hatfield Consultants **ENVIRONMENTAL MONITORING** LLP

Automated Linear Disturbance Mapping

Unsupervised domain adaptation maps roads and corridors in boreal forest from Sentinel-2 satellite imagery, supporting caribou conservation.

8 R-Tech Industries **AGRICULTURE** The R-Tech Data Rover: Prototype to Product

A self-propelled, GPS-guided rover collecting plant images and environmental data in test plots, organic farms and commercial fields.

9 TACKLE Lab **CONSTRUCTION** AI-Driven Pre-Planning for Construction

From 2D drawings to 3D models (BIRD), material forecasts (JACK) and optimised panel layouts (PAAD) that minimise manufacturing waste.

10 WorkCore AI **SOFTWARE & PLATFORMS** An Enterprise AI Agent Workforce

Secure, governed AI agents using retrieval-augmented generation to automate knowledge-intensive work for small and medium-sized businesses.

11 Invisipay Inc. **RETAIL** Building Autonomous, Checkout-Free Retail

Camera- and AI-powered stores that track interactions in real time, update carts automatically and process secure payment on exit.

12 Delmore "Buddy" Daye Learning **EDUCATION** Institute

Evidence-Driven Africentric Strategies

Africentric Cultural Intelligence with multilevel modelling and machine learning to improve schooling outcomes for learners of African descent.

SHOWCASE COMMITTEE

Chair — Nikita Neveditsin, Assistant Professor, Saint Mary's University (SMU)

Advisory — Reid Sutherland, Mitacs

Co-Chair — Pawan Lingras, Professor, Saint Mary's University (SMU)

Advisory — Danielle Goodfellow & Kevin Buchan, Office of Innovation and Community Engagement, SMU