

September 10, 2025 | 10 septembre 2025

ITS-STI City of Montréal
CANADA Ville de Montréal

Technology Innovation Forum | Forum d'innovation technologique



Learn about Electrification of transportation, Integration of renewable energies and smart electrification and road safety powered by AI – Engineering on a human scale

- Share knowledge on practical solutions
- Discover how pivotal research is guiding policy
- Experience municipal ITS successes in QC & beyond
- Bringing together transportation professionals, technology providers, and researchers
- Sharing collective expertise and experience to improve regional transportation

SEPTEMBER 10 AGENDA

8:00 AM	Doors open – Registration - Coffee and refreshments and networking with exhibitors
8:45 AM	Opening Events <ul style="list-style-type: none"> • Welcome Remarks: <ul style="list-style-type: none"> o Janneke Van Der Zee, ITS Canada o Hughes Bessette, City of Montreal o Jonathan Hamel-Nunes, ITS Canada Board Director and • DEI Moment: <ul style="list-style-type: none"> o Thibault Camara, City of Montreal • Forum Objectives: <ul style="list-style-type: none"> o Mohamed Gallaa, City of Montreal
9:15 AM	Innovation Focus: A Virtual Experience for Real Decisions Reimagining Urban Mobility: An Immersive Dive into Montréal's Future By <i>Frank Leung, Daniel Kligerman – ESRI Canada, Jonathan Hamel-Nunes – City of Montreal</i>
9:25 AM	Panel 1 – Electrification of Transportation Fleet Electrification: Orchestrating the Right Players to Build a Reliable and Sustainable Infrastructure Pascal Ouellette – Société de Transport de Laval, Jean-Philippe Crites - <i>City of Montreal</i> , Michael Laroche - BEQ, Mohammed Boutouba – Montreal Airport, Joanie Racine – Hydro Québec Moderator : Mohamed Gallaa – City of Montreal
9:50 AM	Presentations Session 1 – Electrification of Transportation <ul style="list-style-type: none"> • Toward a Greener City : Recharging Our Metropolis - By <i>Benoit Carrier - City of Montreal, Paulo Vorperian - City of Montreal, Felix Normandin – Hydro Québec, Arthur de Vaublanc - Relion</i> • Evaluating the Excess Watts of Electrification of Private Vehicles Without Sobriety - By <i>Catherine Morency, Polytechnique Montréal</i> Moderator : Pascal Lacasse – City of Montreal
10:30 AM	Large-Scale AI Analysis: The Montréal Model for Safer and Smarter Cities. - By Karl Jeanbart - DERQ Moderator : Patrice Gauthier – City of Montreal
10:45 AM	Break / Trade Show - Coffee and tea

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11:15 AM	Presentations Session 2 – Road Safety Powered by AI – Engineering on a Human Scale <ul style="list-style-type: none"> • Using Formal Methods for Reinforcement Learning-based Traffic Signal Control – <i>By Oumaima Barhoumi, Concordia University</i> • AI and Traffic Management – What do we mean when we say “AI”? - <i>By Clement Lau, Omnibond</i> • Enhancing Road Safety Using AI and Perception Systems - <i>By Hamid Mammeri, NRC</i> Moderator : Yassine Benamghar - Tacel
12:15 PM	Lunch / Networking
1:15 PM	Exhibitor Focus Round the room exhibitor introductions
1:35 PM	Keynote – Enlightening Minds, Illuminating the Future - <i>By Melissa Bellerose, General Director of the Toujours Ensemble organization, Jonathan Hamel-Nunes - City of Montréal</i>
1:50 PM	Presentations Session 3 – Electrifying Freight Transportation: Strategies, Challenges and Perspectives <ul style="list-style-type: none"> • Decarbonizing Medium and Heavy-Duty Freight Transportation in Canada: A Telematics-Based Approach to Charging Infrastructure Planning - <i>By Anaïssa Franca CIMA+ and Jamie Wilson Geotab</i> • Planning the Electrification of a Shuttle Network: A Simulation Approach at the Montreal Airport - <i>By Denis Martaragas – CIMA+, Ali Haloui - Montreal Airport</i> Moderator : Hugues Michaud – Orange Traffic
2:50 PM	Pause / Salon commercial – Café et thé
3:20 PM	Lidar: Technology and Analysis at the Heart of Major Events – <i>By Asad Lesani, Ouster, Hughes Michaud, Orange Traffic</i> Moderator : Goncalo Dasilva – City of Montreal
3:35 PM	Presentations Session 4 – Road Safety Powered by AI – Engineering on a Human Scale <ul style="list-style-type: none"> • City of Montreal – Cyclist Safety Measures with BIXI - <i>By Victor Darias, Jingtao Ma - Miovision</i> • AI-Powered Traffic Optimization: From Safer Intersections to Smarter Corridors - <i>By Craig Hinnners, NoTraffic, Hughes Michaud, Orange Traffic</i> Moderator : Muriel Sabbag – City of Montreal
4:25 PM	Closing remarks/Summary
4:35 PM	Networking Reception