

Agenda At-A-Glance

AVL is teaming up McMaster University to uncover and examine the latest innovations in battery and electric vehicle technologies at our industry day: Electrify 2024. Together, we will explore the roadmap to electric vehicles and solutions to challenges that manufacturers and startups may face along the way.

October 17, 2024 • McMaster Automotive Resource Centre

8:30 am	Registration & Coffee
8:55 am	Welcome Message Dr. Saeid Habibi, Ph.D., P.Eng., FCSME, FASME Professor and Tier I Canada Research Chair Mechanical Engineering Director, Centre for Mechatronics and Hybrid Technologies McMaster University
9:20 am	Opening Remarks AVL Leadership Team
9:30 am	Laboratory EV Cell Aging Testing Based on On-Road Driving Conditions Dr. Steven Recoskie, Ph.D., Research Officer, National Research Council Canada
10:00 am	Fast Charging Battery Thermal Management: A Review and Instrumented Testing of a Porsche Taycan Module Dr. Phillip Kollmeyer, Ph.D. Assistant Professor Department of Electrical and Computer Engineering McMaster University
10:30 am	Coffee Break & Exhibition Area Open
11:30 am	Battery Condition Monitoring and Management Dr. Saeid Habibi, Ph.D., P.Eng., FCSME, FASME, McMaster University
12:00 pm	Lunch & Laboratory Tours Exhibition Area Open
1:30 pm	Inverter Software Development Using an E-motor Emulator Matthew Hortop, EV Research Scientist, AVL
2:00 pm	Experimental Acoustic Noise and Sound Quality Characterization in Electric Motor Drives Dr. Moein Masoumi, Ph.D. Post Doctoral Fellow at McMaster Automotive Resource Center (MARC) McMaster University
2:30 pm	Coffee Break & Exhibition Area Open
3:00 pm	Testing System-Level EDU Efficiency on a Powertrain Testbed Jennifer Durfy, Segment Lead - Vehicle Engineering, AVL
3:30 pm	Keynote Address: Securing the Future: Investing in an Electric Value Chain in Canada Jean Marc Leclerc, President and CEO of Honda Canada
4:00 pm	Closing Refreshments & Exhibition Area Open