



EV VÉ

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2014 | 10 | 28-30

Sheraton Wall Centre | Vancouver, BC

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DAY BY DAY - Preliminary Program

TUESDAY | WEDNESDAY | THURSDAY

TIME	TUESDAY OCTOBER 28	
07:30	Breakfast	
8:30-9:30	<p>TS1: Electrifying All Modes of Transport - An Overview of the Potential Moderator: Chantal Guimont, President and CEO, Electric Mobility Canada</p> <p>A POWERFUL STRATEGY TO ELECTRIFY PERSONAL URBAN MOBILITY : CAR-SHARING Presenting Author: Marco Viviani, Communauto Inc, Montréal QC > view abstract</p> <hr/> <p>ELECTRIFYING OTTAWA'S TAXIS Presenting Author: John Stwora, Carleton University, Ottawa, ON Co-author(s): Gyountaek Kang, Carleton University, Ottawa, ON; Jason Vallis, Carleton University Sustainable Energy and Policy Program, Ottawa, ON > view abstract</p> <hr/> <p>THE EVCLOUD – A FIRST LOOK AT USAGE DATA FROM BC'S PUBLIC CHARGING INFRASTRUCTURE Presenting Author: Jeff Turner, Powertech Labs Inc, Vancouver, BC > view abstract</p> <hr/> <p>ON STREET CHARGING IN MONTREAL : A PIONEERING INITIATIVE Presenting Author: France Lampron, Hydro-Québec Co-author(s): AddÉnergie, City of Montreal, Stationnement de Montréal > view abstract</p> <hr/> <p>E-BIKES: A GAME CHANGER FOR MOBILITY Presenting Author: Arne Elias PhD MBA, Elias Consulting, Vancouver Island, BC > view abstract</p>	
	9:30-10:30	<p>Opening Plenary Session Presiding: Catherine Kargas, MARCON and Chair of Electric Mobility Canada</p> <p>This session is the official launch of the conference and sets the tone for the many sessions and activities organized for your conference. Electric Mobility Canada welcomes the following speakers:</p> <ul style="list-style-type: none"> • Greetings from the Honourable Mary Polak, Minister of the Environment, Government of British Columbia • Greetings from Sadhu Johnston, Deputy City Manager, City of Vancouver • Greetings from Urs Muntwyler, Bern University of Applied Sciences, Germany, Chair of the Clean Energy Ministerial Implementation Agreement international initiative • Tali Trigg, International Energy Agency representing the Clean Energy Ministerial Electric Vehicles Initiative to highlight their EV initiatives and provide an overview of global EV developments

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10:30-11:00	Networking Break
11:00-12:00	<p>Government-Industry Summit Moderator: Catherine Kargas, MARCON and Chair of Electric Mobility Canada This is the 5th Annual Summit at which representatives of the Federal Government and of the EV Industry report on major accomplishments of the past year, activities in the pipeline and the opportunities and challenges facing the EV Industry in Canada. Presenting on behalf of the EV industry will be Chantal Guimont, President and CEO of Electric Mobility Canada Presenting on behalf of the Government of Canada will be a senior official (to be named). A Question and Answer period will follow the presentations.</p>
12:00-13:00	Luncheon
13:00-14:30	<p>University R&D Roundtable Moderator: Ross McKenzie, Waterloo Centre for Automotive Research (WatCAR), Waterloo, ON</p> <p>The University R&D Roundtable is an annual event aimed at academics involved in EV R&D. Industry representatives are especially invited this year for a special session starting at 1:00 pm on "Working with Universities". Presenters from universities and government agencies will outline the various industry-academia programs through which funds can be made available to advance industry technology projects. A special presentation by Heather C. Devine Partner, Gowling Lafleur Henderson LLP of Hamilton, Ontario and Risto Pribisich Partner, Benesch Friedlander Coplan & Aronoff LLP of Cleveland, Ohio will instruct industry and academic players regarding the various intellectual property protections available in North America, with a practical focus on protecting research and development from innovation to commercialization. This presentation targets industry members currently conducting research and development and will serve to provide practical information to aid these businesses in commercializing and monetizing their patents, trade secrets, industrial designs, trademarks, and branding in the electric vehicle space. After the refreshment break, academic representatives will discuss their current and proposed projects and explore areas of potential collaboration.</p>
13:00-14:30	<p>TS2: EV Infrastructure – Part 1: DC Fast Charging and Energy Storage Moderator: David Swan, DHS Engineering Inc., Tatamagouche, NS</p> <p>THE FAST CHARGE EFFECTS ON BATTERY LIFE AND VEHICLE PERFORMANCE PROJECT Presenting Author: Jeffrey Wishart, Intertek Testing Services - North America, Phoenix, AZ Co-author(s): Matthew Shirk; Idaho National Laboratory; Idaho Falls, ID and Tyler Gray, Intertek Testing Services, North America, Phoenix, AZ > view abstract</p> <p>.....</p> <p>CRITICAL ELECTRIC VEHICLE INFRASTRUCTURE PROJECT IN B.C. Presenting Author: Alec Tsang, BC Hydro, Vancouver, B.C. Co-author(s): Dian Ross, BC Hydro, Vancouver, B.C. > view abstract</p> <p>.....</p> <p>DEPLOYING FAST CHARGING IN QUÉBEC WITH PUBLIC AND PRIVATE PARTNERS Presenting Author: Sylvain Langis, Hydro-Québec Co-author(s): Ministère des ressources naturelles du Québec, Ministère des transports du Québec > view abstract</p> <p>.....</p> <p>INTEGRATING A PHOTOVOLTAIC EV FAST-CHARGING STATION WITH THE SMART GRID Presenting Author: Eric Hawthorne, British Columbia Institute of Technology, Burnaby, British Columbia Co-author(s): Kelly Carmichael, British Columbia Institute of Technology, Burnaby, British Columbia; Clay Howey, British Columbia Institute of Technology, Burnaby, British Columbia > view abstract</p> <p>.....</p> <p>REPURPOSING EV BATTERIES FOR ELECTRICITY GRID STORAGE Presenting Author: Lukas Swan, Ph.D., P.Eng., Director, Renewable Energy Storage Laboratory, Dalhousie University, Halifax, NS > view abstract</p> <hr/> <p>TS3: Preparing for tomorrow's mobility: Driverless Electric Vehicles Moderator: Catherine Kargas, MBA, VP, MARCON, Chair, Electric Mobility Canada > INTRODUCTION As we move from ownership of personal vehicles to usage of shared vehicles, electric vehicles become a much more appealing choice. Further down the road, driverless technology promises to be an even greater facilitator of electrification of transportation. In this session, the leverage that driverless technology represents for electrification will be explained. Presentations from OEMs will focus on fully autonomous technology available today as well as what is in the pipeline.</p> <p>HOW AVs MAKE EVs POLITICALLY CORRECT Presenting Author: Pierre Ducharme, Transport Evolution Institute (TEI), Québec City, QC, Canada</p>



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	<p>> view abstract</p> <p>.....</p> <p>MERCEDES-BENZ AND THE PATH TOWARDS AUTONOMOUS DRIVING Presenting Author: Christopher Goczan, Mercedes-Benz Canada, Toronto, Canada > view abstract</p> <p>.....</p> <p>EVOLUTION PARTNERSHIP: ELECTRIC SELF-DRIVING VEHICLES Presenting Author: Corey Clothier, Comet, USA > view abstract</p>
14:30-15:00	Networking Break
15:00-16:30	University R&D Roundtable
15:00-16:30	<p>TS4: Personal Transport – Part 1: The Customer Perspective Moderator: Jeff Turner, Powertech Labs Inc, Vancouver BC</p> <p>UNDERSTANDING THE EV SHOPPING EXPERIENCE IN ONTARIO Presenting Author: Cara Clairman, Plug'n Drive, Toronto, ON Supporting Author: Tania Del Matto, My Sustainable Canada > view abstract</p> <p>.....</p> <p>AUTO DEALERSHIPS, EV EDUCATION, AND UPSTREAM INCENTIVES – PARTNERING FOR SUCCESS Presenting Author: David Roberts, Vermont Energy Investment Corp, Burlington, VT Co-author(s): Karen Glitman, Vermont Energy Investment Corp, Burlington, VT; Chris Gordon, Vermont Energy Investment Corp, Burlington, VT > view abstract</p> <p>.....</p> <p>THE INFLUENCE OF FINANCIAL INCENTIVES AND INDIVIDUAL CHARACTERISTICS ON PREFERENCES FOR PLUG-IN ELECTRIC VEHICLES Presenting Author: Christine Kormos, University of Victoria, BC Co-author(s): Robert Gifford, Anthony A. J. Marley, Towhidul Islam, & Curran Crawford > view abstract</p> <p>.....</p> <p>WHAT ELECTRIC VEHICLE OWNERS IN BRITISH COLUMBIA TELL US ABOUT ELECTRIC VEHICLE AND CHARGING INFRASTRUCTURE DEMAND AND PREFERENCE Presenting Author: Suzanne Goldberg, Adjunct Professor at Simon Fraser University & Partner at Navius Research, Vancouver, BC Co-author(s): Dr. Jonn Axsen, Assistant Professor at Simon Fraser University Vancouver, BC > view abstract</p> <p>.....</p> <p>EMOTIVE: PROMOTING THE ELECTRIC VEHICLE EXPERIENCE Presenting Author: Charlotte Argue, Fraser Basin Council Vancouver, BC (on behalf of Plug In BC) > view abstract</p> <hr/> <p>TS5: Service Vehicles Moderator: Simon Ouellette, Mogile Tech., Montréal, Qc</p> <p>ELECTRIC VEHICLE DEPLOYMENT IN THE MUNICIPAL FLEET Presenting Author: Megan Allen, FleetCarma, a division of CrossChasm Technologies Inc., Ontario > view abstract</p> <p>.....</p> <p>PLUG-IN TRUCKS: MATCHING THE TECHNOLOGY TO THE APPLICATION Presenting Author: Lisa Jerram, Navigant Research, Washington, DC > view abstract</p> <p>.....</p> <p>CITY OF SURREY ELECTRIC VEHICLE CARSHARE PROGRAM Presenting Author: Bruce Hayne, Councillor, City of Surrey, BC Co-author(s): Burke van Drimmelen – City of Surrey, BC; Keith Sharp – City of Surrey, BC > view abstract</p> <p>.....</p> <p>GREEN SHIP HYBRID ELECTRIC PROPULSION SYSTEM MODELING, DESIGN & CONTROL OPTIMIZATION TOOLS – NEED AND DEVELOPMENT Presenting Author: Zuomin Dong, Dept. of Mech Eng. and IESVic, University of Victoria, Victoria, BC Co-author(s): Kevin Anderson, University of Victoria, Victoria, BC; Tiffany Jaster, University of Victoria, Victoria, BC; Dan Prescott, University of Victoria, Victoria, BC > view abstract</p>
16:30-18:00	SGM BC Chapter Meeting

18:00	<p>Networking Evening As the theme for our conference, Electricities conjure urban centres frequented by EVs and dotted with EV chargers everywhere. We are not fully there yet but electric mobility has grown significantly over the last few years paving the way for unlimited urban travel as well as coast to coast travel on Canadian roads. Electrical charging stations are now available across the country, courtesy of important initiatives by Sun Country Highway, the Circuit Électrique, the BC Government, and others. While many more are needed, this is a good start and should be celebrated. We will soon have 10,000 EVs on the road, an important milestone. Indeed Canada is blessed with water resources that not only meet our basic needs but also generate clean electricity to propel our EVs. Let's celebrate all of these accomplishments this evening.</p>
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TIME	WEDNESDAY OCTOBER 29
7:30-9:00	<p>Breakfast ON Chapter Meeting SGM</p>
9:00-10:30	<p>Opening Plenary Session Report from the Student Competition Moderator: Ross McKenzie, University of Waterloo, ON</p> <p>This is the third annual student competition held in conjunction with our EV conferences. We are pleased to welcome competing teams from universities across Canada. The teams were given an assignment question to resolve and they will report their findings and recommendations at this session. The Student Competition Committee will consider the presentations and announce a winning team at the Awards Luncheon later today.</p>
10:30-11:00	<p>Networking Break</p>
11:00-12:30	<p>Facilitating EV Travel in cities, regions and across borders Moderator: Dan Guatto, P. Eng., Burlington Hydro, Burlington, ON</p> <p>Description: EV travel in cities, regions and across borders is only possible with supportive infrastructure, mainly interoperable EV charging stations. Typically, the provision of charging stations is influenced by policies and programs adopted by government agencies and local utilities as well as by private sector initiatives. This session will explore how agencies have developed plans for travel in two important north-south corridors as well as at the local and regional levels in these corridors. These are the Quebec – Vermont corridor and the Pacific Coast corridor. The session will also include a presentation by the International Energy Agency as well as the Clean Energy Ministerial's Electric Vehicles Initiative (EVI) on the 2014 EV City Casebook profiling 50 big ideas in electric mobility.</p> <p>Presenters:</p> <ul style="list-style-type: none"> ■ Quebec – Vermont corridor <ul style="list-style-type: none"> ■ Pierre-Luc Desgagné, Vice-President, Public and Government affairs, Hydro-Québec, Montreal, QC ■ David Roberts, Drive Electric Vermont Coordinator, Vermont, Energy Investment Corporation, Burlington, VT, USA ■ Pacific Coast corridor <ul style="list-style-type: none"> ■ Christina Ianniciello, Director, Communities and Transportation, BC Ministry of Energy, Mines and Petroleum Resources, BC ■ Ashley N. Horvat, Chief EV Officer, Oregon Department of Transportation, Salem, OR, USA ■ International Energy agency and Clean Energy Ministerial <ul style="list-style-type: none"> ■ David Beeton, Urban Foresight, Newcastle upon Tyne, United Kingdom
12:30-14:00	<p>Awards Luncheon Presiding: Chantal Guimont, President and CEO, Electric Mobility Canada</p> <p>The Awards Luncheon reflects the increasing importance of recognizing the many EV accomplishments in Canada. Recipients of EMC awards will be honoured at this event. We will also announce the winning team of the Annual Student Competition which involved teams presenting their findings and recommendations earlier today. The Canadian Electricity Association and Plug N Drive join us at this event to announce the winners EV Dealers Awards.</p> <p>Presenters of awards: Catherine Kargas, Chair of Electric Mobility Canada, Mark Dubois-Phillips, Conference Chair, Jim Burpee, President of Canadian Electricity Association and Cara Clairman, President of Plug n Drive.</p> <p>Keynote: Jerry Dobrovlny, Director of Transportation, City of Vancouver will describe how EVs are a key contributor to meeting the City's transportation sustainability objectives.</p>
	<p>TS6: Interprovincial and International EV industry & business collaboration Moderator: Catherine Kargas, MARCON and Chair of Electric Mobility Canada</p> <p>DEVELOPING EV POWER SOURCE TECHNOLOGIES IN ISRAELI TEPS CONSORTIUM</p>

14:00-15:30	<p>Presenting Author: Dr. Igal Klein, Technological Manager, Transportation Electric Power Solutions, Israeli Ministry of Economics > view abstract</p>
	<p>ELECTRIC VEHICLE TEST-BED IN SINGAPORE Presenting Author: Yii Der Lew, Group Director, Corporate Planning and Research, Land Transport Authority, Singapore > view abstract</p>
	<p>GOVERNMENT SUPPORT FOR THE EV INDUSTRY Representatives from the Government of Canada and provinces will outline the industry support programs they offer that might be applicable to EV industry companies in their jurisdictions:</p> <p>Government of Canada</p> <p>Province of Ontario Erin D'Alessandro, Senior Sector Advisor- Automotive Unit Ontario Ministry of Economic Development, Employment and Infrastructure</p> <p>Province of Quebec (To be named)</p> <p>Province of British Columbia (To be named)</p>
	<p>CANADIAN INDUSTRY PARTICIPATION IN EVS 28 – KOREA Presenting Author: Chantal Guimont, Electric Mobility Canada > view abstract</p>
	<hr/> <p>TS7: EV Infrastructure – Part 2: Smart Grid Integration Moderator: Jim Burpee, Canadian Electricity Association, Ottawa ON > INTRODUCTION</p>
	<p>ANTICIPATING PEV BUYERS' ACCEPTANCE OF UTILITY CONTROLLED CHARGING Presenting Author: Joseph Bailey, Simon Fraser University, Vancouver, BC Co-author(s): Dr John Axsen, Simon Fraser University, Vancouver, BC > view abstract</p>
	<p>ELECTRICITIES EVOLUTION: TAKING THE LONG VIEW ON EVS Presenting Author: Brett Hauser, President, Greenlots, San Francisco, CA, USA > view abstract</p>
	<p>MAKING THE SMART GRID WORK FOR CITIES AND UTILITIES WITH INTELLIGENT USE AND DEPLOYMENT OF ELECTRIC VEHICLES Presenting Author: Eric Mallia, FleetCarma, a division of CrossChasm Technologies Inc., Ontario > view abstract</p>
	<p>evCloud: THE MAKING OF CANADA'S FIRST CROSS-PLATFORM MULTI-VENDOR EVSE USAGE LOGGING AND ANALYSIS TOOL Presenting Author: Olivier Proulx, Mogile Technologies, Montreal, QC Co-author(s): Jeff Turner, Powertech Labs, Surrey, BC; Spenser Emery, CrossChasm, Waterloo, ON > view abstract</p>
	<p>TESTING V2G-V2H IN REAL-LIFE CONDITIONS Presenting Author: France Lampron, Hydro-Québec, Montréal, QC Co-author(s): IREQ > view abstract</p>
<hr/> <p>TS8: Personal Transport – Part 2: Analyzing the Impact and Performance of Evs Moderator: Matthew Stevens, CrossChasm, Waterloo, ON</p>	
<p>SOCIO-ECONOMIC IMPACTS OF ELECTRIC VEHICLE ADOPTION IN ONTARIO Presenting Author: Brent Kopperson, Aurora, Ontario Co-author(s): Ali Nadeem, Toronto, Ontario > view abstract</p>	
<p>LIFE CYCLE ASSESSMENT TO MAXIMIZE ENVIRONMENTAL BENEFITS OF ELECTRIC VEHICLES – RESULTS OF THE LCA RESEARCH PLATFORM IN IEA ON HYBRID AND ELECTRIC VEHICLES (HEV) Presenting Author: Gerfried Jungmeier, JOANNEUM RESEARCH, Institute of Water, Energy and Sustainability, Graz/Austria Co-author(s): J. B. Dunn, A. Elgowainy, Argonne National Laboratory, USA; S. Ehrenberger, D. Özdemir, DLR, Stuttgart/Germany; R. Widmer, EMPA, Dübendorf/Switzerland > view abstract</p>	

	<p>.....</p> <p>THE NOVA SCOTIA STORY OF RENEWABLE ENERGY AND ELECTRIC VEHICLES: A SYNERGETIC RELATIONSHIP Presenting Author: Anne-Marie Curtis, Director of Marketing and Sales at Nova Scotia Power Inc., Halifax, NS Co-author(s): David Swan, DHS Engineering Inc., Tatamagouche, NS > view abstract</p> <p>.....</p> <p>EV PERFORMANCE IN THE COLD – UNDERSTANDING THE PERFORMANCE OF DIFFERENT TECHNOLOGICAL OPTIONS WHEN TEMPERATURES DROP Presenting Author: Francis De Broux, Mogile Technologies, Montreal, Qc Co-author(s): Eric Malia, Fleet Carma, Waterloo, ON > view abstract</p> <p>.....</p> <p>EMAP: UNDERSTANDING THE IMPACTS AND OPPORTUNITES OF EV-GRID INTEGRATION Presenting Author: Bob Oliver, Pollution Probe, Toronto ON > view abstract</p>
<p>15:30-16:00</p>	<p>Networking Break</p>
<p>16:00-17:30</p>	<p>TS9: Bus / Public Transit Moderator: Serge Carignan, Technical Director at AVT, Montreal, Quebec</p> <p>THE LONG AND SLOW INTRODUCTION OF ELECTRIC BUSES IN MASS TRANSIT Presenting Author: Serge Carignan, Technical Director at AVT, Montreal, Quebec Co-author(s): Gestion AVT, Montréal, Québec, Canada > view abstract</p> <p>.....</p> <p>ELECTRIC BUS: FAST CHARGING AND ITS IMPACT ON THE CHOICE OF TECHNOLOGY FOR THE BUS AND THE INFRASTRUCTURE Presenting Author: Daniel Simounet, ABB, Pointe-Claire, QC > view abstract</p> <p>.....</p> <p>ALL ELECTRIC SCHOOL BUS, DESIGN AND RESULTS Presenting Author: Frederick Prigge, CNTA, St-Jerome, QC Co-author(s): Sylvain Castonguay, CNTA, St-Jerome, QC > view abstract</p> <p>.....</p> <p>A COMPELLING VALUE PROPOSITION FOR FUEL CELL BUSES Presenting Author: TJ Lawy, Ballard Power Systems, Burnaby, BC, Canada Co-author(s): Ballard Power Systems, Burnaby, BC, Canada > view abstract</p> <hr/> <p>TS10: EV Infrastructure – Part 3: Best Practices in Supporting EV Adoption Moderator: Walter Wardrop, National Research Council, Canada</p> <p>DISRUPTIVE ENERGY TECHNOLOGIES Presenting Author: Dan Guatto, P. Eng., Burlington Hydro, Burlington, ON Co-author(s): McMaster University > view abstract</p> <p>.....</p> <p>BEST PRACTICES IN PEV READINESS Presenter: Morgan Davis, EPRI, Palo Alto, CA, USA > view abstract</p> <p>.....</p> <p>THE EFFECTIVENESS OF PUBLIC CHARGING STATIONS TO INCREASE EV SUITABILITY AND ELECTRIC DRIVING Presenting Author: Hajo Ribberink, Natural Resources Canada, Ottawa, ON, Canada Co-author(s): Evgueniy Entchev, Natural Resources Canada, Ottawa, ON, Canada > view abstract</p> <p>.....</p> <p>CHARGING STATIONS FOR RURAL NOVA SCOTIA: EVS CAN TIE COMMUNITIES TOGETHER Presenting Author: David Stevenson, NS Electric Vehicle Highway Services, Tatamagouche, Nova Scotia Co-author(s): David Swan, DHS Engineering Inc., Tatamagouche, Nova Scotia > view abstract</p> <p>.....</p> <p>ELECTRIC VEHICLE CHARGING INFRASTRUCTURE MARKET CHARACTERIZATION STUDY: RETAIL AND HOSPITALITY Presenting Author: Heather Farquharson, Managing Director, Summerhill Impact, Toronto, Ontario Co-author(s): Retail Council of Canada and Ontario Restaurant, Hotel and Motel Association</p>

	<p>> view abstract</p> <p>.....</p> <p>WORKPLACE CHARGING, A PROFITABLE AND AFFORDABLE SERVICE Presenting Author: Louis Tremblay, ADDÉnergie technologies, Québec, QC > view abstract</p> <hr/> <p>TS11: Component and system-level technological development for Evs Moderator: Renaud Cloutier, TM4, Boucherville, QC</p> <p>ELECTRIC MOTOR DRIVE WITH HALBACH PERMANENT MAGNET ARRAYS IN THE E-VOLVE URBAN CAR CONCEPT Presenting Author: Maxime Dubois, Université de Sherbrooke, QC, Canada Co-author(s): Gabriel Lajoie, Janick Caron, Raphaël Tremblay-Simard, Marc-Antoine Vincent, Université de Sherbrooke, QC, Canada > view abstract</p> <p>.....</p> <p>IMPACT OF SILICON CARBIDE ON THE IMPLEMENTATION OF A BIDIRECTIONAL CHARGER APPLIED FOR VEHICLE-TO-GRID (V2G) Presenting Author: Pascal-André Fortin , Université de Sherbrooke, Sherbrooke, QC Co-author(s): Maxime Dubois, Université de Sherbrooke, Sherbrooke, QC; Christian Gagné, Université Laval, Québec, QC > view abstract</p> <p>.....</p> <p>THERMAL PROPERTIES AND MANAGEMENT OF LITHIUM-ION BATTERY PACKS Presenting Author: Dean D. MacNeil, National Research Council of Canada, Ottawa, ON Co-author(s): Ken Darcovich, Florin Ilinka, Steven Recoskie, National Research Council of Canada > view abstract</p> <p>.....</p> <p>TRIP-BASED INTELLIGENT ENERGY MANAGEMENT SYSTEM FOR PLUG-IN HYBRID VEHICLES Presenting Author: Xing Zhang, University of Victoria, Victoria, BC Canada Co-author(s): Guang Wu, Zuomin Dong, Curran Crawford, University of Victoria, Victoria, BC Canada > view abstract</p> <p>.....</p> <p>SEAWATER IMMERSION OF EVs: METHOD DEVELOPEMENT AND TEST RESULTS Presenting Author: Erik J. Spek, TÜV SÜD Canada, Newmarket, ON Co-author(s): Mehdi Hosseinifar, TÜV SÜD Canada, Newmarket, ON > view abstract</p>
17:30-19:00	QC Chapter Meeting

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TIME	THURSDAY OCTOBER 30
7:30-8:00	<p>Breakfast</p> <hr/> <p>EMC Annual General Meeting (open to EMC Voting Members)</p>
8:30-9:30	<p>OEM Perspective Session Moderator: Andrew McCredie, The Vancouver Sun/The Province</p> <p>Theme: Looking back from 2018 – How did we do? In Canada's 2008-09 Technology Roadmap for Electric Vehicles 500,000 plug-in EVs were predicted to be on Canadian roads by 2018. It also envisaged:</p> <ul style="list-style-type: none"> ■ More Canadian content in EVs ■ Updated building and other technical codes ■ Investments in EVs by all levels of government ■ Readiness of utilities to receive EVs ■ More efficient and lower-cost batteries ■ Lower cost of EVs compared to conventional vehicles ■ Strong education programs for public awareness <p>OEM representatives on the panel are asked to address the theme proposed and to comment in particular on the expectations outlined in the 2008-09 road map, how close did we come to expectations and what their companies initiated and experienced in the process.</p> <p>Participants: Ford – Stephanie Janczak GM – Phil Petsinis Mitsubishi– Shawn Bryan and David Patterson Nissan Canada – Marcel Guay BMW – Marc Belcourt</p>

9:00-15:00	Trade Show	
10:30-11:00	Networking Break	
12:00-13:00	Lunch for Delegates	
10:30-11:00	Networking Break	
15:00-17:00	Trade Show Opens to exhibitors' guests	
15:30-17:30	Technical Tours	
	Poster Session	
	VELOCAR: THE PERSONAL TRANSPORTATION SOLUTION FOR THE 21ST CENTURY > view abstract	Presenting Author: John Stonier Co-author(s): Kody Baker, Jon Faille, Sean Boyd
	RECREATIONAL ELECTRIC VEHICLES – STATUS, TRENDS, CASE STUDY > view abstract	Presenting Author: Francis De Broux, Mogile Technologies, Montreal, Qc Co-author(s): Simon Ouellette, Mogile Technologies, Montreal, Qc
	ELECTRICAL SAFETY IN AUTOMOTIVE APPLICATIONS > view abstract	Presenting Author: Andy Moeschl, Bender Canada Inc, Mississauga, ON
	THE EVSE GROUND MONITOR INTERRUPTER EXPLAINED > view abstract	Presenting Author: Kenneth J. Brown, Leviton Mfg. Co., Inc., San Diego, California
	WINTER HAPPENS: UNDERSTANDING AND IMPROVING ELECTRIC VEHICLE OPERATION IN COLD WEATHER > view abstract	Presenting Author: Jose Delos Reyes, Research Manager, Red River College, Winnipeg, Manitoba Co-author(s): Robert Parsons, Secretary/Treasurer, Centre for Emerging Renewable Energy Inc., Winnipeg, Manitoba; Ray Hoemsen, Director, Applied Research & Commercialization, Red River College, Winnipeg, Manitoba
	A STUDY ON ENERGY EFFICIENCY IMPROVEMENTS OF HYBRID ELECTRIC POWERTRAINS FOR MINING DUMP TRUCKS > view abstract	Presenting Author: Yaobin Guo, Dept. of Mech Eng, University of Victoria, Victoria, BC Canada Co-author(s): Zuomin Dong, Xing Zhang, and Rui Chen, University of Victoria, Victoria, BC Canada
	CONSUMER ATTITUDES AND AWARENESS OF ELECTRIC VEHICLES – BARRIERS AND OPPORTUNITIES > view abstract	Presenting Author: David Roberts, Vermont Energy Investment Corp, Burlington, VT Co-author(s): Karen Glitman, Vermont Energy Investment Corp, Burlington, VT; Chris Gordon, Vermont Energy Investment Corp, Burlington, VT
	COMPARATIVE EFFICIENCY AND RANGE ANALYSIS OF THOMSON POWER VPCS EQUIPPED BUS VERSUS STANDARD ELECTRIC BUS > view abstract	Presenting Author: Daniel Prescott, Thomson Power Inc., Victoria, BC, Canada Co-author(s): Stefan Kaban, Thomson Power Inc, Ottawa, ON; Tiffany Jaster, Thomson Power Inc, Victoria, BC; David Oldgridge, Thomson Power Inc, Vancouver, BC
	THE IMPACT OF PLUG-IN ELECTRIC VEHICLE INTEGRATION ON BRITISH COLUMBIA POWER GRID > view abstract	Presenting Author: Nima Tehrani, Institute for Integrated Energy Systems, Dept. of Mechanical Co-author(s): Sahand Behboodi Kalhori, Curran Crawford
	APPLICATIONS FOR LITHIUM ENERGY MODULES	Presenting Author: George

09:30-17:00

IN TURF MANAGEMENT AND GOLF EQUIPMENT > view abstract	Roddan, P.Eng, CEO Dynamic Energy Solutions Ltd., Vancouver, BC
WIRELESS EV CHARGING BY MAGNETODYNAMIC COUPLING > view abstract	Presenting Author: Dr. Brice Jamieson, Elix Wireless Charging Technologies, Richmond, BC, Canada Co-author(s): Dr. Boon Chong Ng, Elix Wireless Charging Technologies, Richmond, BC, Canada; Vitali Tikhomolov, Elix Wireless Charging Technologies, Richmond, BC, Canada; Arash Ahmadi, Elix Wireless Charging Technologies, Richmond, BC, Canada
A SUSTAINABILITY REVOLUTION IN CANADA > view abstract	Presenting Author: Kent Rathwell, President, Sun Country Highway, Saskatoon, SK
USER-CONSTRAINED ALGORITHMS FOR DEMAND RESPONSE OF PHEV CHARGING WITH LIMITED INFORMATION > view abstract	Presenting Author: Adam Gray, University of Victoria, Institute for Integrated Energy Systems (IESVic), Department of Mechanical Co-author(s): Curran Crawford, University of Victoria, Institute for Integrated Energy Systems (IESVic), Department of Mechanical
ELECTRIC BUS SUITABILITY AND APPLICATIONS FOR PUBLIC TRANSIT IN NOVA SCOTIA > view abstract	Presenting Author: Wayne Groszko, Dalhousie University, Halifax, Nova Scotia Co-author(s): Scott Biggar, Dalhousie University, Halifax, Nova Scotia
ELECTRIC VEHICLE INFRASTRUCTURE TRAINING PROGRAM (EVITP) "PROTECTING OUR FUTURE" > view abstract	Presenting Author: Andy Cleven, Training Director, EJTC, Port Coquitlam, B.C. Co-author(s): Kelly Kienleitner Chief Instructor Electrical Joint Training Committee (EJTC), Port Coquitlam, B.C.
ELECTRIC SERVICE FLEETS > view abstract	Presenting Author: Rob MacGregor, Director, Sun Country Highway, Vancouver, BC
PUBLIC CHARGING SEEN THROUGH THE SMARTPHONES OF NORTH AMERICAN USERS – 2 YRS OF DATA - CURRENT STATUS AND PATH FORWARD > view abstract	Presenting Author: Simon Ouellette, Mogile Tech., Montréal, Qc Co-author(s): Olivier Proulx, Mogile Tech., Montréal, Qc; Jeff Turner, Jeff Turner, Powertech, Surrey, BC
EV SMART INFRASTRUCTURE – BRINGING SMART CHARGING OUT OF THE LAB > view abstract	Presenting Author: David Leboe, Powertech Labs Inc, Vancouver, BC Co-author(s): Chris Lum, Powertech Labs Inc, Vancouver, BC; Jeff Turner, Powertech Labs Inc, Vancouver, BC
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