

## 11<sup>th</sup> Annual Conference and General Meeting

Saturday, May 31st		Sunday, June 1st		
12:30 / 14:00	<b>ITS Canada Board Meeting (Marriott Château Champlain)</b>	12:30 / 14:00	<b>Golf tournament and City tour</b>	
14:00 / 15:30		14:00 / 15:30		<b>Golf tournament</b>
15:30 / 16:00		15:30 / 16:00		
16:00 / 17:30		16:00 / 17:30		<b>Registration</b>
17:30 / 18:30		17:30 / 18:30		<b>ITS CANADA ANNUAL MEETING</b>
		18:30 / 20:00	<b>OPENING COCKTAIL</b>	
		20:00 / 22:00	<b>ITS CANADA COMMITTEE MEETINGS</b>	

Meeting Room
  Banquet room
  Exhibitors Room and ITS demo zone
  ITS 1 Room
  ITS 2 Room

# 11<sup>th</sup> Annual Conference and General Meeting

## Monday, June 2nd

7:00 / 8:00	<b>BREAKFAST</b>	
8:00 / 9:30	<b>PLENARY</b>	
	<p>Carl Desrosiers Conference President</p> <p>Joe Lam ITS Canada</p>	<p>Susan Spencer Transport Canada</p> <p>Denys Jean Transports Québec</p> <p>Tom Kern ITS America</p>
9:30 / 10:00	<b>BREAK</b>	
10:00 / 11:30	<p><b>Workshop – Intelligent Bridges – Part 1</b></p> <p>Panel : Dr. Brahim Benmokrane (Université de Sherbrooke); Dr. Bernard Hoddac (OS-MOS), René Debois, Eng. (Roctest Ltd.), Patrice Deneault, Eng. (Transport Canada)</p> <p>Presentation by Dr. Bernard Hoddac: Title: Detect, Prevent and Invest at the Right Moment</p> <p>Discussion</p>	<p><b>ITS Benefits Evaluation - Training Session</b></p> <p>Moderator: William Johnson, TRENDS Consulting (Canada)</p> <ol style="list-style-type: none"> <li>1. Framework for Evaluating ITS Projects: Transport Canada - Victor Bruzon, Delcan (Canada)</li> <li>2. Overview of IBEC and IBEC Resources - Mark Carter, Chair IBEC and SAIC (USA)</li> <li>3. Overview of USDOT ITS Evaluation Benefits and Costs Database - Mark Carter</li> <li>4. Puget Sound Congestion Performance Audit - Dr. Richard Mudge, Delcan (USA)</li> </ol>
11:30 / 12:30	<b>NETWORKING AND EXHIBIT</b>	

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11<sup>ième</sup> conférence et réunion annuelles de STI Canada.

Monday, June 2nd

12:30 / 14:00	LUNCH WITH SPEAKER SUSAN SPENCER, TRANSPORTS CANADA	
14:00 / 15:30	<p><b>Workshop – Intelligent Bridges – Part 2</b>                  Testimonial by Marc Sarrazin, Eng., City of Montréal                  Continuous Remote Monitoring of the Pie-IX/Henri-Bourassa Underpass                  Presentation by: René Deblois, Eng., Roctest Ltd.                  Instrumentation of the New Minneapolis Smartbridge.                  Testimonial by Guy Mailhot, Eng., The Jacques Cartier Champlain Bridges Corporation.                  Use and benefits (real and potential) to the Owner of remote structural monitoring systems as a complement to visual and other current structural inspection methods                  - Discussion</p>	<p><b>Workshop – Development of a Regional ITS Architecture_ Border Information Flow Architecture (BIFA) Part 1</b>                   Panel :                  Susan Spencer, Director, ITS Policy, Transport Canada; Crystal Jones, Office of Freight Management and Operations, FHWA; David Binkley, Lockheed Martin; Bruce Eisenhart, ConSysTech Corporation; Kevin Bebenek, IBI Group; Ron Ice, Ron Ice and Associates; Geoff Knapp, IBI Group                  Themes presented and offered for open discussion:                  Transportation Planning Along the Border                  Border Information Flow Architecture</p>
15:30 / 16:00	BREAK	
16:00 / 17:30	<p><b>Workshop – Intelligent Bridges – Part 3</b>                   Presentation by Dr. Brahim Benmokrane, University of Sherbrooke                  - Discussion</p>	<p><b>Workshop – Development of a Regional ITS Architecture_ Border Information Flow Architecture (BIFA) Part 1</b>                   Panel :                  Susan Spencer, Director, ITS Policy, Transport Canada; Crystal Jones, Office of Freight Management and Operations, FHWA; David Binkley, Lockheed Martin; Bruce Eisenhart, ConSysTech Corporation; Kevin Bebenek, IBI Group; Ron Ice, Ron Ice and Associates; Geoff Knapp, IBI Group                  Themes presented and offered for open discussion:                  Project Implementation and the Role of Systems Engineering in Border ITS Projects                  On-going Maintenance of Border ITS Architectures                  Prioritizing ITS and Border Technology Projects</p>

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## 11<sup>th</sup> Annual Conference and General Meeting

Tuesday, June 3rd			
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8:00 9:30	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; background-color: #d4edda; padding: 5px;"> <p><b>Session 1 – Safety and Security</b> Moderator: Lorcan Scanlon - Transport Canada - Integration of Public Safety and Traffic Operations Systems By Tom George, Niagara International Transportation Technology Coalition</p> <p>Road user protection via intelligent camera surveillance By Jo Versavel, Traficon</p> <p>Warrant analysis and design for winter collision mitigation on the Highway 2 Peace River Bridge at Dunvegan, AB By Mark F. Pinet, P. Eng., Totten Sims Hubicki Associates</p> </td> <td style="width: 50%; background-color: #d1ecf1; padding: 5px;"> <p><b>Session 5 - Traffic Management Systems</b> Moderator: Tim Schnarr - Delcan Corporation - Migration of the Ottawa TOC By Elizabeth Kadela, P. Eng., and Ian Kilgour, Engineer in training., IBI Group</p> <p>Fully integrated control of VMS and various distributed ITS equipment at MTQ By Eric Bertrand, Eng. And Michel Savard, Eng., Tecslut Inc.</p> <p>Challenges in Traffic Signal Management Systems By Joseph K. Lam, P. Eng., Perry Craig, P. Eng., Transportation Systems Engineer, of Delcan Corporation</p> </td> </tr> </table>	<p><b>Session 1 – Safety and Security</b> Moderator: Lorcan Scanlon - Transport Canada - Integration of Public Safety and Traffic Operations Systems By Tom George, Niagara International Transportation Technology Coalition</p> <p>Road user protection via intelligent camera surveillance By Jo Versavel, Traficon</p> <p>Warrant analysis and design for winter collision mitigation on the Highway 2 Peace River Bridge at Dunvegan, AB By Mark F. Pinet, P. Eng., Totten Sims Hubicki Associates</p>	<p><b>Session 5 - Traffic Management Systems</b> Moderator: Tim Schnarr - Delcan Corporation - Migration of the Ottawa TOC By Elizabeth Kadela, P. Eng., and Ian Kilgour, Engineer in training., IBI Group</p> <p>Fully integrated control of VMS and various distributed ITS equipment at MTQ By Eric Bertrand, Eng. And Michel Savard, Eng., Tecslut Inc.</p> <p>Challenges in Traffic Signal Management Systems By Joseph K. Lam, P. Eng., Perry Craig, P. Eng., Transportation Systems Engineer, of Delcan Corporation</p>
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12:30 / 14:00	<b>LUNCH WITH SPEAKER CARL DESROSIERS – Montreal Transit Corporation I</b>	
14:00 / 15:30	<p><b>Session 3- Research and Innovation</b>            Moderator: Scott Crombie - Transport Canada            - Canada-U.S. Cargo Security Project – A joint initiative to evaluate the effectiveness of real-time container tracking            By Howard Posluns, Eng. and Mario Saucier of Transport Canada            Survey of Intelligent Transportation Systems R&amp;D Requirements            By Lorcan Scanlon, Transport Canada            ITS Warrants            By Dean Deeter, P.Eng., Athey Creek Consultants, on behalf of the Enterprise Pooled Fund</p>	<p><b>Session 7 – Traffic Management Systems</b>            Moderator: Éric Labrie, RuggedCom Inc.            - Highway 402 Queue Warning System Wireless Long Haul Application            By Tim Schnarr, P. Eng., Delcan Corporation</p> <p>Integrated Regional Signal System – Benefits of Regional Traffic Signal Timing            By Greg Allen, TransLink and Perry Craig, P. Eng., Delcan Corporation</p> <p>Predictability leads to safer highways            By Penny Ford, Serco</p>
15:30 / 16:00	<b>BREAK</b>	
16:00 / 17:30	<p><b>Session 4 – Research and Innovation</b>            Moderator: Ian Kilgour, Engineer in training - IBI Group            - Wireless access for the vehicular environment            By Larry Daluz, Novax Industries            Secure corridors built on open standards            By Fiona Bruce of Galdos Systems and Frank DeNap, Oak Ridge National Laboratory            Vehicle Positioning and Tracking using Bluetooth and Wireless Mesh Networks            By Hazem Ahmed, Mohamed EL-Darieby and Yasser Morgan of the University of Regina and, Baher Abdulhai, University of Toronto            - Traffic Incident Evidence Automatic Capture System: A Combination of Audio &amp; Video Analytics by Wael Badawy and Mohamed Shehata of the University of Calgary</p>	<p><b>Session 8 – Public Transit</b>            Moderator: Michael DeSantis, eng. - Agence métropolitaine de transport            - Transit ITS: State of the Practice and Special Challenges Faced by Small Transit Agencies            By Brendon Hemily            Real-time Systems Deployed for Traveller Information and Fleet Operations            By Marc Vendette, Société de transport de Laval and Alexandre Savard, Dessau            Modes : Real-time, Multi-modal Transit Information            By Peter Davies, Kristin Virshbo and Ken Gerts, Castle Rock Associates            Kansas Rural Transit ITS Deployment            By Dean Deeter, P.E., Athey Creek Consultants, on behalf of the Enterprise Pooled Fund</p>
17:30 / 18:30	<b>OPEN</b>	
18:30 / 20:00	<b>BANQUET AND AWARDS</b>	
20:00 / 22:00	<b>ITS EVENING WITH ALAIN CHOQUETTE</b>	

## 11<sup>th</sup> Annual Conference and General Meeting

Wednesday, June 4th			
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8:00 9:30	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; background-color: #d4edda; padding: 5px; vertical-align: top;"> <p><b>Session 9 – Traveller Information Systems</b>                      Moderator: Pierre Bolduc, eng. - Transport Canada                      - The evolution and advancements of 511 across America                      By Mark S. Owens                      i-Move® – Metro Vancouver’s new integrated, multi-modal web portal for traveller information                      By Greg Allen, TransLink and Richard Chylinski, Delcan Corporation                      Institutional Challenges in implementing iMove® – Canada’s first multi-jurisdictional Traveller Information System                      By Robert G. Shirra                      ATIS Update from BC and Alberta                      By Homayoun Vahidi, IBI Group</p> </td> <td style="width: 50%; background-color: #d1ecf1; padding: 5px; vertical-align: top;"> <p><b>Workshop – Vehicule Infrastructure Integration (VII)</b>                      PART 1 - Panel on VII Concepts &amp; Practice                      Moderator: Susan Spencer, Director, ITS Policy Branch, Transport Canada (TC)                      - VII: The USDOT Perspective – Valerie Briggs, ITS Joint Program Office, USDOT                      VII: The Automotive OEM Perspective – David Henry, Chair, VII Consortium &amp; Senior Manager, Government Collaborative Programs, Chrysler LLC                      VIC: The California Perspective – Jim Misener, Transportation Safety Research Program Leader, California PATH, University of California (Berkeley)                      Panel Discussion</p> </td> </tr> </table>	<p><b>Session 9 – Traveller Information Systems</b>                      Moderator: Pierre Bolduc, eng. - Transport Canada                      - The evolution and advancements of 511 across America                      By Mark S. Owens                      i-Move® – Metro Vancouver’s new integrated, multi-modal web portal for traveller information                      By Greg Allen, TransLink and Richard Chylinski, Delcan Corporation                      Institutional Challenges in implementing iMove® – Canada’s first multi-jurisdictional Traveller Information System                      By Robert G. Shirra                      ATIS Update from BC and Alberta                      By Homayoun Vahidi, IBI Group</p>	<p><b>Workshop – Vehicule Infrastructure Integration (VII)</b>                      PART 1 - Panel on VII Concepts &amp; Practice                      Moderator: Susan Spencer, Director, ITS Policy Branch, Transport Canada (TC)                      - VII: The USDOT Perspective – Valerie Briggs, ITS Joint Program Office, USDOT                      VII: The Automotive OEM Perspective – David Henry, Chair, VII Consortium &amp; Senior Manager, Government Collaborative Programs, Chrysler LLC                      VIC: The California Perspective – Jim Misener, Transportation Safety Research Program Leader, California PATH, University of California (Berkeley)                      Panel Discussion</p>
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### Wednesday, June 4th

12:30 / 14:00	<b>CLOSING QUICK LUNCH</b>	
14:00 / 15:30	<p><b>Update of ITS Architecture for Canada – Stakeholder Forum - Part 1</b></p> <p>Panel: Pierre Bolduc, ITS Policy, Transport Canada; Kevin Bebenek, IBI Group; Bruce Eisenhart, ConSysTech Corporation; Ron Ice, Ron Ice and Associates; Garland Chow, BITSAFS; Geoff Knapp, IBI Group</p> <p>Themes presented and offered for discussion:                  Results of the Previous Stakeholder Forum                  User Services Update                  Introduction to Equipment Packages                  ITS Standards Update</p>	<p><b>Session 11 – Research and Innovation</b>                  Moderator: René Marcouiller - CIMA+</p> <p>- Methods to evaluate the performance of cellular-based traffic monitoring technologies – based on a case study of Cellint's TrafficSense                  By Joe S. Heikes, Cellint USA</p> <p>A method for identifying, comparing and tracking user requirements within multiple stakeholder groups                  By Andrew Morton, Bob Webb and Ron Boothby of HumanSystems Incorporated</p> <p>Demonstrating A-GPS Cell Phone Probes for Data Collection for the Canadian Vehicle Survey                  By Barrie Kirk and Roland Renner, Globis Data Inc.</p>
15:30 / 16:00	<b>BREAK</b>	
16:00 / 17:30	<p><b>Update of ITS Architecture for Canada – Stakeholder Forum - Part 2</b></p> <p>Panel: Pierre Bolduc, Politiques STI, Transports Canada; Kevin Bebenek, IBI Group; Bruce Eisenhart, ConSysTech Corporation; Ron Ice, Ron Ice and Associates; Garland Chow, BITSAFS; Geoff Knapp, IBI Group</p> <p>Thèmes présentés et offerts pour discussion:                  Mise à niveau de l'architecture physique des STI                  Options développées pour un outil d'architecture                  Prochaines étapes</p>	<b>EXHIBITION CLOSES</b>
17:30 / 18:30		
18:30 / 20:00	<b>END OF CONFERENCE</b>	
20:00 / 22:00		