



54th Annual CTRF Conference May 26-29, 2019

Pinnacle Hotel Harbourfront, Vancouver Canada

Change, Disruption and Innovation in Canadian Transportation: Navigating the New Normal

PRELIMINARY PROGRAM – 01/05/19

subject to change

DAY FOUR		Wednesday, May 29, 2019
	Grand Foyer	Registration
7:00 am	Cordova Foyer & Ballroom	Breakfast Buffet & Preview of 2020 Montreal
8:30 am	Cordova Ballroom	<p>Plenary 3: The Asia-Pacific Gateway and Corridor – Challenges and Future Directions</p> <p>Moderator: Kirk LaPointe, Editor In Chief, BIV</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Brad Johnston, General Manager, Marketing & Logistics, Teck Coal Limited • Brad Eshleman, President and CEO, Western Stevedoring and partner in G3 Terminal • James Clements, Vice-President, Strategic Planning and Transportation Services, Canadian Pacific Railway • Tony Pearkes, Director, Canada, Oldendorff Carriers
10:15 am	Cordova Foyer	Break

	Session 5.1 Canadian Gateway Cities: Four Reflections on Transportation Infrastructure, Global Value Chains and Urban Governance	Session 5.2 Railway Economics	Session 5.3 Challenge and Opportunities for Rural and Far North Transportation	Session 5.4 Pricing and Economic Policy
	<i>Salon C</i>	<i>Salon D</i>	<i>Salon E</i>	Cordova Ballroom
	<i>Chair:</i>	<i>Chair:</i>	<i>Chair:</i>	<i>Chair:</i>
10:30 am - 12:00 am	Montreal: Value Chains, Economic Development and Urban Democracy Dorval Brunelle	Comparing Two Competing Models to Measure Annual Productivity Growth Rates in the Canadian Railway Industry Hakan Andic	The Northern Corridor Concept: A Connector Road from Northern Saskatchewan (La Loche, SK) to the Athabasca Oil Sands Region (Fort McMurray, AB) Chris G. Moser	High Occupancy Toll Lanes: Hot or Not Angelo Pilla, Moataz Mohamed
Concurrent Sessions	Innovation Corridors and the Golden Horseshoe: Transportation Challenges and the Emergence of a Shared Regional Vision Jean Michel Montsion	Operating Ratio as a Measure of Railway Operating Efficiency Ryan Gallagher, François E.J. Tougas, Lucia Stuhldreier	Hudson Bay Railway and the Port of Churchill – A Balancing Act Paul D. Larson, Yufeng Lin, Adolf K.Y. Ng	Assessing Transportation Equity: From Concept to Evaluation Adrian Lightstone, Karin Brundell-Freij, Sally Rudd, Lee Failing
	Vancouver: Stabilizing the Gateway Infrastructure Coalition Peter Hall	Observations on Rail Costing in Canada Mike Tretheway, Jody Kositsky, Rob Andriulaitis	Regulating Maritime Occupational Health and Safety in the Canadian Arctic Waters Desai Shan, Aldo Chircop, Barb Neis	Innovative Methods Towards Building and Evaluating Congestion Charging Scenarios: The Case of Metro Vancouver Fearghal King, Adrian Lightstone, Daniel Firth, Reid Keller
	Towards a Systemic Approach to Global Value Chains and Democratic Governance in Halifax Claudia De Fuentes	Impacts of High-Speed Rail on Airlines and Airport Traffic: A Survey of Recent Research Anming Zhang, Yulai Wan, Hangjun Yang	Learning from Rural Innovation: What can Volunteer Driver Programs Teach us About Planning for Autonomous Vehicles? David Copp, Trevor Hanson	Building the Case for Performance-Based Pricing in Transportation - The Rationale for User Cost Pricing on Roads and Transit in Metro Vancouver Peter Lipscombe, Fearghal King

12:00 pm - 1:30 pm		Joint Lunch Canadian Transportation Research Forum - Chartered Institute of Logistics and Transportation Keynote Speaker: <i>Shaun Stevenson, President and Chief Executive Officer, Port of Prince Rupert</i>			
2:00 pm - 3:30 pm	Sessions 6.1 Change and Challenge in the Maritime and Port Sector	Sessions 6.2 Transport Policy and Regulation	Sessions 6.3 Transportation Infrastructure investment and operation 2	Workshop Session 6.4 Canadian Gateway Cities: A workshop on Transportation Infrastructure, Global Value Chains and Urban Governance	
	<i>Salon C</i>	<i>Salon D</i>	<i>Salon E</i>	Cordova Ballroom	
	<i>Chair:</i>	<i>Chair:</i>	<i>Chair:</i>	<i>Chair:</i>	
	Concurrent Sessions Governance and Engagement in Ocean Oil Spill Response Planning: International Comparisons with Planning in the Vancouver Region <i>Trevor Heaver</i>	A Review of Canadian Transportation Developments In 2018 <i>Joseph Monteiro, Barry E. Prentice</i>	Research on Transit Signal Priority Control Strategy Based on Real-Time Saturation Detection for a Single Intersection <i>Tong Zhang, Baohua Mao, Qi Xu, Min Wang, Sijia Zhang, Yanqiang Yang</i>	Workshop: <ul style="list-style-type: none"> • Dorval Brunelle UQAM • Claudia De Fuentes St. Mary's University • Jean Michel Montsion York University • Peter Hall Simon Fraser University 	
Legal Status of an Onshore Remote Controller of Maritime Autonomous Surface Ships("MASS") under the Canadian Maritime Law and IMO International Conventions <i>Jinho Yoo, Desai Shan</i>	Western Canadian Grain Transportation and the Maximum Revenue Entitlement: Surveying the 17-Year Journey Towards Regulatory Modernization <i>Steve Pratte</i>	Stochastic Forecasting Methods When Key Variables are Politically Determined: Fuel Prices for Air Traffic and Ferry Forecasting <i>Christopher Greer</i>			
Assessing the role of Port Efficiency as a Determinant of Maritime Transport Costs <i>Qiao Lei, Chris Bachmann</i>	Mobility as a Service: Governance Strategies for Impending Disruption <i>Alec Knowles, Blair Underhill, Ray Wong, Adrian Lightstone</i>	Estimating Airport Ground Transport Mode Choice Using Market Aggregate Data <i>Wenyi Xia, Jong Hae Choi, Kun Wang, Anming Zhang</i>			
Port Adaptation to Climate Change and Capacity Investments Under Uncertainty <i>Wenyi Xia, Robin Lindsey</i>	Presentation: Development of an AI Algorithm for the Airport Security Screening <i>Chulung Lee</i>	Optimal Operations of an Automated Vehicle Parking Lot <i>Sina Bahrami, Matthew Roorda</i>			