

2018 FALL MEMBER FORUM
INFORMATION OVERLOAD:
Distilling technology for transportation

November 13 & 14, Sutton Place Hotel, Vancouver

A tidal wave of transformative technologies in transportation is washing over organizations everywhere. The pace of technological development with disruptive implications for the sector has never been so frenzied.

However, it is safe to say for all those but the most technologically savvy it is an overwhelming mix of new products, service models and trends which could transform digital and physical operations. This forum will help forward-thinking leaders understand the social, political and economic impacts of this fast-paced change and highlight what leaders need to consider when making decisions regarding technology implementation.

The forum will envision the cities and transportation networks of the future and explore opportunities for Western Canada to weave innovation and technology into its natural competitive advantages as a gateway, a commodity corridor and a world-class transportation network. Members will have a path forward to anticipate how the disruption will affect strategies, plans and traditional ways of doing business.

It is an exciting time to be in transportation – an era of extraordinary progress. Leaders must be vigilant in educating themselves to stay ahead of the game and embrace the opportunities.

In advance of the forum, members will receive a pre-meeting supplement outlining emerging technological advances in digital and physical supply chains.

[REGISTER ONLINE](#)

TUESDAY

November 13, 2018

8:00 am	Breakfast
8:30 am	Welcoming Remarks and Introductions Hon. Ron Schuler, Minister of Infrastructure, Government of Manitoba & Chair, WESTAC Oksana Exell, President & CEO, WESTAC
8:45 am	2018 to 2030: Freight Disruption By 2023, the global logistics market will be worth \$15.5tn with 92.1bn tonnes of goods being handled. Land and sea freight industries are on the cusp of disruption from companies looking to exponential technologies to drive innovation. New ways to take advantage of mobile, big data, analytics, artificial intelligence, autonomous vehicles, and new modes of transport are being tested and rolled out. By 2030, the freight industry will operate very differently. Nikolas will look at where we are today, the signals of change he sees that indicate change, and the innovations that will change the world. Nikolas Badminton, Futurist
10:00 am	Break
10:30 am	Changing World Trade Patterns The introduction of new technology often unleashes a flurry of economic activity. The container revolution upended global trade as we know it and created today's globalized marketplace. As organizations and policymakers analyze the changes in technology, understanding some of the possible impacts on world trade patterns is a must. For example, will manufacturing shift back closer to traditional consumer bases given the effects of automation? Will new technologies that could increase "trust" among trading partners open up new commodity competitors and consumers, for example in Africa? Will the impacts of climate change and new legislation on environmental impacts force shifts in trading patterns? This session will look at the some of the "what if's" behind innovation and trade flows. Dr. Christian Bluth, Project Manager, Program Megatrends, Bertelsmann Foundation

Speakers are confirmed unless indicated otherwise.

TUESDAY

November 13, 2018

11:15 am

Beyond the Business Case: Ethics, Regulation & Governance

The advancement of technology is impacting the social, moral and business relationships on which civil society is founded. Understanding the macro impacts on the social contracts and boundaries on which our society functions is a critical element to the appropriate introduction of technology.

This session will focus on two areas where leaders must look beyond the potential business case of emerging technologies to discuss how and what needs to be considered for a prosperous and safe future that implements technology ethically and in the public interest.

Forward-thinking Policymakers: keeping up with technological advances

Sunil Johal, Policy Director, Mowat Centre

Roboethics: improving our future with technology

Dr. Jason Millar, Assistant Professor, School of Electrical Engineering and Computer Science, University of Ottawa

12:30 pm

Lunch

TUESDAY

November 13, 2018

1:30 pm

Deep-Dive on a burgeoning technology – Blockchain

This session will take an in-depth look at a commonly referenced technology – Blockchain. For transportation leaders, blockchain is noted as a potential game-changer. However, some estimates put only 1% of the supply chain as currently using the technology. The opportunities to improve efficiency, visibility and communication are seemingly endless within the sector.

Renowned expert and trailblazer in blockchain -- Iliana Oris Valiente will define blockchain and identify opportunities for blockchain within transportation. Topics include the evolution of the blockchain ecosystem, myth-busting of common misconceptions and a view to how executives can put together a strategy to work with blockchain tech. After building a baseline understanding, the session will examine practical, real-world examples of uses for blockchain (especially in the transportation field) and walk through the decision-making process steps to determine whether a particular business challenge could be (at least partially) addressed by the use of blockchain tech.

Moderator: Pat Sinnott, Honorary Director, WESTAC

Iliana Oris Valiente, Global Blockchain Innovation Lead, Accenture

Annette Mueller, Senior Commercial Manager North America, Maersk TradeLens Inc.

additional panelist to be announced

3:00 pm

Break

3:30 pm

Future Mobility in a Port City – Metro Vancouver 2040

Session sponsored by: Consulate General of the Netherlands

Opening Remarks: Henk Snoeken, Consul General Vancouver

Port cities are often at the epicentre of urban living, land use constraints, resiliency concerns and high volumes of people and goods movement within the region and in and out of port. As technology unwraps system-wide change in how people live, move, shop, work, play and how and where goods move, the traditional Port City is changing. Understanding the impacts of advances in technology in port cities is a necessity for any transportation leader. This panel will host leading practitioners from city planning, transit delivery, freight delivery and ride hailing.

Speakers are confirmed unless indicated otherwise.

TUESDAY

November 13, 2018

In Canada, Vancouver is the nation's largest port. 142 million tonnes of cargo worth more than \$200 billion passes through the region annually. The port handles automobiles, breakbulk, bulk, container and cruise traffic. A diverse panel of experts will explore the changes coming at this port city.

In this session, panelists will answer questions on how technology will impact future mobility in port cities and surrounding areas in the coming years.

International Spotlight:

Port of Rotterdam – Smart Port Initiative

The Port of Rotterdam has always been an innovator and leader in challenging traditional boundaries and processes. This session will open with a presentation on what the Port is doing to be a leader in innovation and goods mobility in Europe.

Reyer Will, Senior Project Manager, Port of Rotterdam International

Our Panelists will each spend a few minutes discussing some key points on their vision for a transportation network and goods and people movement in the region. We will then have a facilitated panel discussion on the future of mobility in a port city and region.

Moderator: Gordon Price, Fellow, SFU Centre for Dialogue

Panelists:

- Dale Bracewell, Manager, Transportation Planning, City of Vancouver
- Andrew McCurran, Director, Strategic Planning & Policy, TransLink
- Michael van Hemmen, Public Policy Manager, Uber
- Reyner Will, Senior Project Manager, Port of Rotterdam International
- Peter Xotta, Vice President, Planning & Operations, Vancouver Fraser Port Authority

5:00 pm

Reception

7:00 pm

Reception ends

WEDNESDAY

November 14, 2018

8:00 am **Breakfast** *(open to all attendees)*

WESTAC LEADERS COUNCIL – CONTINUING THE CONVERSATION

The Leaders Council is open to official representatives of member organizations. Sustaining members are allowed one additional representative.

8:30 am Each forum concludes with an in-camera, frank discussion among the most senior representatives of member organizations. Commencing with this Forum, participation is limited to the Official representative from each member organization and excludes external speakers and non-members. No reporting will take place.

Details on the Leaders Council will be released shortly.

10:15 am Meeting adjourns

10:30 am **Board of Directors Meeting**

Noon **Lunch** *(open to all attendees)*