



SMART FREIGHT CENTRE

PRESENTS

November 19 & 26, 2021



THE 2021 SMART FREIGHT SYMPOSIUM VIA ZOOM

HOSTED BY THE
DEGROOTE SCHOOL
OF BUSINESS

2021 SMART FREIGHT SYMPOSIUM

November 19, 2021

9:00	Opening Remarks	Susan Tighe	Provost and Vice-President, Academic, McMaster University
9:05	Welcome	Khaled Hassanein	Dean, DeGroote School of Business, McMaster University
9:10	Introduction to the Smart Freight Centre	Elkafi Hassini	Professor, DeGroote School of Business, McMaster University

S1: Equity, Diversity and Inclusion in the Transportation Sector (Mod.: Dale Lynch, ON Min. Transportation)

9:20	My EDI Journey within Global Supply Chain	Alma Arzate, Apotex	Director, Global Supply Chain Logistics
9:30	Diversity and Inclusion in Canada's Transportation and Logistics Industry	Angela Splinter TruckingHR	CEO
9:40	The Value of Diversity and Inclusion in your Workplace	Anne Robinson, Kinaxis	Chief Strategy Officer
9:50	Q & A for Session 01		
10:00	Break		

S2: Role of Technology in Freight Transportation (Mod.: Iain Tyrrell, Transport Canada)

10:10	Keynote Address	Nando Iannicca Region of Peel	Chair
10:20	Sustainable Freight Infrastructure Transformation	Shitiz Agarwal Matthieu Bureau Schneider Electric Canada	VP, North America Operations VP, Power Systems
10:35	Concept to Reality – the maturity of technology, regulations and commercialization	Steve Bogie Drone Delivery Canada	Vice President of Flight Operations and Technology
10:50	Q & A for Session 02		
11:00	Break		

S3: Smart Freight Centre Research Update (Mod.: Nazzareno Capano, City of Toronto)

11:10	Ryerson University research update	Bilal Farooq	Ryerson University
11:20	McMaster University research update	Elkafi Hassini	McMaster University
11:30	York University research update	Peter Park	York University
11:40	University of Toronto research update	Matthew Roorda	University of Toronto
11:50	Q & A for Session 03		
12:00	Moderator for keynote speech	Laura Cocuzzi Region of Peel	Manager, Procurement Planning and Performance
12:05	Global and local supply chain disruption	Lani Lindsay Walmart Canada	VP Replenishment and Supply chain
12:50	Closing Remarks	Elkafi Hassini	McMaster University

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9:00 Welcome Polina Hristeva
Transport Canada Director

S1: Smart delivery logistics solutions (Mod.: Sabbir Saiyed, Region of Peel)

9:10	Smart mobile lockers routing within city transit systems	Si Liu	McMaster University	Student Presentation Competition
9:20	Two-to-one matching for sharing in dispatching systems	Seyed Mehdi Meshkani	Ryerson University	
9:30	Parking occupancy inference with LiDAR sensors	Elham Heydari-Gharaei	York University	
9:40	Community noise survey regarding off-peak deliveries	Kianoush Mousavi	University of Toronto	
9:50	Q & A for Session 01			
10:00	Break			

S2: Data analytics for transportation (Mod.: Lauren Crawford, York Region)

10:10	Freight transportation data visualization	Yunfei Ma	McMaster University	Student Presentation Competition
10:20	AI-based cyber-attacks on dispatching systems	Roderick Zhang	Ryerson University	
10:30	Progressive pricing of parking for demand segmentation	David Ornelas	York University	
10:40	Assessment of commercial vehicle patterns during the COVID pandemic using Geotab data	Yaser (Mostafa) Kouchakzadeh	University of Toronto	
10:50	Q & A for Session 02			
11:00	Break			

S3: City logistics planning (Mod.: Sulaf Alkarawi, Niagara Region)

11:10	Rack repositioning and robot assignment in robotic mobile fulfillment systems	Yanling Zhuang	McMaster University	Student Presentation Competition
11:20	Green logistics: vehicle routing problem	Saba Sabet	Ryerson University	
11:30	A swept path-based analysis of intersections for long combination vehicles (LCVs)	Ucchas Saha	York University	
11:40	Planning an inter-connected crowd logistics network in the GTHA	Shang Zhang	University of Toronto	
11:50	Q & A for Session 03			
12:00	Ecommerce Reinvention	Amir Khataie Chit Chats	VP Logistics	
12:25	Student presentation sponsorship	Traci McIntyre Kinaxis	Academic Program Manager	
12:30	Best student presentation	Matthew Judd Nestlé Canada Brian Bellino Purolator International Sophia Sniegowski Begidzhanov Musket	Domestic Transportation Manager Senior Manager, Bus. Process Dev. Corporate Communications Officer	
12:35	Closing remarks	Gurpreet Singh Dhillon Region of Peel	Councillor	