Monday June 21, Innovation Session #1 / 10:00 AM to 11:00 AM EDT			
Author	**Company**	**Title**	**Topic**
Raj Bissessar	City of Toronto	*Leading Pedestrian Intervals Everywhere - A Toronto Case Study*	Pedestrian Safety
Shannon Hebert	Miovision	*Leveraging Smart Intersection Technology for the Safety and Performance Evaluation of the*	Pedestrian Safety
Anita Vandervalk	Iteris	*Intersection collision avoidance safety program - iCASP helping to save lives using smart technology*	Pedestrian Safety
Terezinha Hignett	Transoft Solutions	*Measuring Road Safety improvements using video-based conflict analysis in Prince George BC*	Pedestrian Safety

Monday June 21, Innovation Session #2 / 10:00 AM to 11:00 AM EDT			
Author	**Company**	**Title**	**Topic**
Chris Philp	CIMA+	*Policy for spacing of traffic signals in the City of Toronto*	Traffic Signals
Greg Blatz	City of Winnipeg	*Maximizing the value of existing infrastructure using open APIs, network monitoring tools and custom programming*	Traffic Signals
Ali Ahmed	Parsons	*A better way to re-time traffic signals*	Traffic Signals
Shannon Hebert	Miovision	*Intersection Health: Automatically Identifying Traffic performance Inefficiencies Using Existing Infrastructure at the Intersection*	Traffic Signals

Monday June 21, Innovation Session #3 / 3:00 PM to 4:00 PM EDT			
Author	**Company**	**Title**	**Topic**
. Behrouz Poustchi	Akimbo Technologies Inc	*Cyber Vulnerabilities*	Cybersecurity
Alejandro Ortegon-Solis	IBI	*Securing ITS systems - a Cyber Security approach*	Cybersecurity
Geoff Knapp	WSP	*Codes and standards roadmap for CAVs*	Standards/Cybersecurity
Dave Michelson	UBC	*Detection and reporting of interference in connected vehicle networks*	Standards

Monday June 21, Innovation Session #4 / 3:00 PM to 4:00 PM EDT			
Author	**Company**	**Title**	**Topic**
Michael Wieck	IRD	*Data Analytics in Commercial Vehicle Operations – uncovering new insights for agencies and stakeholders*	Goods Movement
Brett Thomas	AE	*Regina Bypass ITS infrastructure*	Goods Movement
Barry Pekilis	NRC	*Cooperative truck platooning considerations for on-road trials and pilot testing in Canada*	Goods Movement
. Marc Belzile	Transport Canada	*Truck Platoon Canadian On-Road Trial*	Goods Movement
Kathryn Wood	Transnomis	*Testing the First Use Case for Multi-Municipality Freight Permits ("One Window" Platform)*	Goods Movement

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		Tuesday June 22, Innovation Session #5 / 11:00 AM to Noon EDT	
Author	**Company**	**Title**	**Topic**
Laryssa Parker	Siemens	*Standardized data and safety - a journey with AI*	Safety/AI
Mohammad Ansari Esfeh	UoC	*Road network vulnerability analysis considering both probability and consequences of rare events*	Safety/AI
Dr. Suliman Gargoum	Nektar 3D consulting	*Utilizing Mobile LiDAR and AI on the City of Edmonton's Valley Line West LRT Expansion Project: Beyond an Alternative to Traditional Survey*	Safety/AI
Sajad Shriravi	Miovision	*Using AI and computer vision for multi-modal counts, pedestrians/bike saftey metrics and aiding vision*	Safety/AI
Noam Maital	Waycare	*AI for Crash Prediction and Congestion Detection*	Safety/AI

		Tuesday June 22, Innovation Session #6 / 11:00 AM to Noon EDT	
Author	**Company**	**Title**	**Topic**
Cory Edgar	PBX	*Pattullo Bridge Seismic Early Warning and Wind Monitoring System*	weather
Ian Steele	PBX	*Automated avalanche detection system*	weather
Jack Stickel	Tempestas Enterprises	*Quality Surface Transportation weather date for safety, mobility and operations*	weather
Stanley Hung	LEA	*Lower Don area traffic management system*	weather

		Tuesday June 22, Innovation Session #7 / 3:00 PM to 4:00 PM EDT	
Author	**Company**	**Title**	**Topic**
Jeffrey Adler	Kapsch	*Unlocking the potential of Connected Mobilty*	Mobility Technologies
Arif Rafi	ESRI	*Are Canadian Road maps ready for autonomous vehicles?*	Mobility Technologies
Ziphion Chang	Parsons	*Regina Bypass - data management center, lesson learned (ITS vs Cyber Security) and vision for the province*	Mobility Technologies
Seiran Heshami / Lina Kattan	UoC	*Freeway traffic state and congested pattern prediction in a connected vehicle environment based on a stochastic microscopic model*	Mobility Technologies
Magad Gouda	UoA	*Proactive infrastructure testing for autonomous vehicles using remote sensing data*	Mobility Technologies

		Tuesday June 22, Innovation Session #8 / 3:00 PM to 4:00 PM EDT	
Author	**Company**	**Title**	**Topic**
Mike Barnet	City of Toronto	*MoveTO 2021-25 – City of Toronto Congestion Management Interim Action Plan*	Pandemic, Impacts
Eric McNaughton	City of Calgary	*impacts from the pandemic on the transportation system and major land uses*	Pandemic, Impacts
Shannon Hebert	Transnomis	*Assessing The Impact of COVID-19 on Mobility Using Continuous Counts*	Pandemic, Impacts
Brent Cary	Genetec	*Intelligent Mobility*	Pandemic
Peter Stokes	StreetLight Data	*Planning for the Future: Quantifying the City of Edmonton's COVID-19 Response with Big Data*	Pandemic

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Monday November 29, Innovation Session #1			
Author	**Company**	**Title**	**Topic**
Kassi Venceslas	UQO	*ITS communications technologies challenges for emergency calls perfomance*	emergency/first responder
Jonathan Darton	IBI	*Evolution of Alberta's 511 program - transition from winter priorities to year round operations*	emergency/first responder
Brent Cary	Genetec	*Urban ITS*	emergency/first responder
Eshan Bagheri	Parsons	*Automated rule-based signing strategy application (SSA) for management of complex events on hightway networks*	emergency/first responder

Monday November 29, Innovation Session #2			
Author	**Company**	**Title**	**Topic**
Joseph Zhou	Rapid Flow Technologies	*The impacts of a new generation objective based adaptive control system in the City of St. Albert*	Mobility Technologies
Sameer Patil	City of Calgary	*Transtion to the next gen TMC - The City of Calgary experience*	Mobility Technologies
Sajad Shiravi	Miovision	*On-Demand Traffic Signal Retiming, From Theory to Practice*	Mobility Technologies
Kirk Schuller	York Region	*Mobile Transportation technology applications at York Region*	Mobility Technologies
Steve Ennis	ATS Traffic	*Advances in Mobile technology and Asset Management in the Traffic Industry Track*	Mobility Technologies

Monday November 29, Innovation Session #3			
Author	**Company**	**Title**	**Topic**
Dave Michelson	UBC	*AURORA 2.0 - Canada's 5G connected vehicle testbed*	Standards
Marco Soto	SCC	*V2X laboratory accreditation scheme*	Standards
Geoff Knapp	WSP	*Maintenance and Training for ITS Architecture for Canada*	ITS Architecture
Kevin Heffner	Pegasus Research and Technologies	*MITS MMITS Architecture components*	ITS Architecture

Monday November 29, Innovation Session #4			
Author	**Company**	**Title**	**Topic**
Ian Steele	PBX	*Rail crossing information system*	Goods Movement Technologies
Amir Amiri	MITL	*Autonomous vehicle technology for shaping the future of goods movement: a case study for Ontario*	Goods Movement Technologies
Tina Harron	IRD	*Technologies in Commercial Vehicle Operations, AI-based CVSA Decal Reader*	Goods Movement Technologies
Tyler Haichert	IRD	*Tire Safety Screening*	Goods Movement Technologies
Peter Fedechko	IRD	*Regina Bypass commercial vehicle operations*	Goods Movement Technologies

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	Tuesday November 30, Innovation Session #5		
Author	**Company**	**Title**	**Topic**
Steve Erwin	CIMA+	*Ontario's predictive transportation management approach*	Safety
Adam Weiss	UoC	*Understanding users perceptions of safety while riding e-scooters on different surface types programs*	Safety
Taufiq Rahman	NRC	*An overview of Cyer Security threats involving perception sensors for driving automation systems*	Safety
Shivang Dube	Transport Canada	*EasyMile Pilot*	Safety

	Tuesday November 30, Innovation Session #6		
Author	**Company**	**Title**	**Topic**
Doug Gubbe	Novax	*Pedestrian accessibility on streets and sidewalks, challenges and lessons learned and climate impact*	Vulnerable Road Users
Brendon Hemily	Hemily & Associates	*Research, Benefits and Challenges of Connected and Automated Vehicles for Vulnerable Populations in Canada*	Vulnerable Road Users
Renee Ray	Conduent	*Leveraging New Technologies to Reduce Transportation Barriers*	Vulnerable Road Users
Sara Khosravi	Kapsch	*Smartphone application to improve visually impaired pedestrians' safety and mobility in a connected vehicle environment*	Vulnerable Road Users
Doug Gubbe	Novax	*How infrastructure design and technology have helped improve pedestrian and bicycle mobility and safety*	Vulnerable Road Users

	Tuesday November 30, Innovation Session #7		
Author	**Company**	**Title**	**Topic**
Sumeet Kishnani	Stantec	*Real-time monitoring of construction delays in a 720 km workzone through the Canadian Rockies*	Connected Environment
Melinda Tracey	IBI	*Utilizing ATMS for safety in workzones (Signaling for roadworks - SIR)*	Connected Environment
Seiran Heshami / Lina Kattan	UoC	*A dynamic bargaining game theory approach to freeway control in a connected environment*	Connected Environment
Roy Tai	Visual Defence	*Road operated video operation recognition (ROVER)*	Connected Environment
Lija Whittaker	MTO	*Queue & Stopped Vehicle Advisory System on Highway 405*	Connected Environment

	Tuesday November 30, Innovation Session #8		
Author	**Company**	**Title**	**Topic**
Sumaya Nsair	UoC	*Dynamic transit passenger origin destination estimation: a bilevel varational inequality approach*	Transit
Aurélien Cottet	Instant-System	*MaaS, regaining control over a mobility policy*	Transit
Mr. Kareem Othman	UoT	*Novel Transit Improvement Strategies that Consider the Impact on the General Traffic*	Transit
Asiri Senasinghe	UoC	*Autonomous feeder network design with consideration to fairness*	Transit