



Tomorrow's Infrastructure, Sustainability and Emerging Technology

Time		Program			
7:30am	8:30am	Breakfast and Registration (Main Hallway)			
8:30am	8:50am	Structured Networking Session (by GrandRiver 30x30 Committee volunteers)			
8:50am	9:00am	Opening Remarks Jonathan Velasco, <i>PEng, FEC, MEng, PMP, CEM, CMVP, CEA</i> Technical Symposium Lead			
9:00am	9:10am	Welcome Address (<i>Virtual</i>) Jennifer Quaglietta, <i>MBA, P.Eng., ICD.D</i> PEO Registrar and CEO			
9:10am	9:20am	President's Message Leila Notash, <i>PEng, PhD, FEC</i> PEO President-Elect			
9:20am	10:10am	Opening Keynote Speech Hon. Omar Alghabra, <i>PEng</i> The Future of Transportation Infrastructure			
10:10am	10:20am	Morning Coffee Break			
10:20am	11:20am	Session 1			
		Breakout Room 1 (Ontario A)	Breakout Room 2 (Ontario B)	Breakout Room 3 (Ontario C)	Panel Discussion (Waterloo Ballroom)
		Alex Boussetta, <i>P. Eng. M. Eng., PMP</i> AI and Large Language Models Applications in Healthcare	Bilal Sherazi, <i>P.Eng., FEC</i> The Urban Squeeze: How Traffic, Utilities, and Public Expectations Shape Water Infrastructure Projects	Mitchell Rohrer, <i>P.Eng.</i> Decarbonizing Building Thermal Systems and Electrification of Heating	Omar Alghabra Peter Carr John Stephenson Nav Jassi <i>Moderator: Marianne Baucas-Urbano</i>
11:20am	12:20pm	Session 2			
		Peter Carr, <i>PhD</i> Challenges of Digital Transformation Projects	John Stephenson, <i>PEng, MEng, P.E.</i> Bridge Safety and Lessons from Collapses and Failures - Facts vs. Fiction	Costa Kapsis, <i>PhD, MASc</i> <i>Sparking the Energy Transition: Powering the Shift to All-Electric Buildings</i>	Alex Boussetta Bilal Sherazi Nash Martis Weina Chong <i>Moderator: Brett Nelson</i>
12:20pm	1:20pm	Lunch break and draw of minor door prizes			
1:20pm	2:20pm	Session 3			
		Nash Martis, <i>PEng, PMP, MBA</i> Challenges of AI Data Center Deployments to the Existing Electrical Infrastructure	Nav Jassi, <i>PEng</i> The Future of Engineering Leadership: Building Leaders Who Think in Decades, Not Quarters	Weina Chong, <i>PEng, MEng, PMP</i> Nuclear Power Generation and The Impact Assessment of Bruce C	Panelists 4,7,11,12 Mitchell Rohrer Costa Kapsis Brad Duguid Mario Arenas <i>Moderator: Ron Finnigan</i>
2:20pm	2:30pm	Afternoon Coffee Break			
2:30pm	3:20pm	Closing Keynote Speech Hon. Brad Duguid, <i>ECO</i> The Survival of Ontario Industry from Spiking Electricity Prices			
3:20pm	3:25pm	Closing Message (<i>Virtual</i>) Darlene Spracklin-Reid, <i>PEng, FEC</i> Engineers Canada President			
3:25pm	3:30pm	Final Remarks Sandro Perruzza, <i>ICD.D, CRSP</i> OSPE Chief Executive Officer			
3:30pm	4:00pm	Major door prize draw and after-event networking			