

TT2018 Program - Thursday, November 8

Time	Chianti Room	Madeira Room
7:30AM – 8:30AM	Registration Breakfast in the Trade Show	
8:30AM – 8:40AM	Welcoming Address - Conference Chairs, NASTT-NW and TAC	
8:40AM - 9:25AM	Keynote Address - Considerations for Increasingly Higher Pressure EPB Tunnelling in Challenging Ground. Steve Skelhorn, McNally Construction Inc.	
9:30AM - 9:55AM	Winnipeg's First Large Diameter Microtunnelling Project – 2,700 mm Trunk Sewer: A Case History <i>Ray Offman, KGS Group Consulting Engineers</i>	Data Management in TBM Tunneling - From Table List to BIM Source <i>Lars Henning Babendererde, Tunnelsoft of Babendererde Engineers LLC</i>
9:55AM - 10:20AM	Design and Construction of Unlined Water Tunnels – an Update <i>Richard Humphries, Golder Associates</i>	Satellite InSAR monitoring in urban tunneling projects <i>Giacomo Falorni, TRE ALTAMIRA</i>
10:20AM - 11:00AM	Coffee Break - in the Trade Show	
11:00AM - 11:25AM	The 1905 Toronto Cross Harbour Watermain Tunnel <i>Leila Sunderani, R.V. Anderson Associates Limited</i>	Unified communication and data network for tunnels <i>Guido Martin Perez Manfredini, MST Global</i>
11:25 AM - 11:50AM	Stormwater Management Facility Upgrades at Eastgate Lake <i>Christopher Kevin Lamont, Associated Engineering</i>	European Implementation of Automation and Digitization in Tunnel Waterproofing and Grouting Practices <i>Stefan Lemke, Renesco Group</i>
11:50AM - 12:15PM	Lessons Learned at Montreal's Rue Jarry Project: Overcoming Flooding and Rebuilding a TBM to Finish on Schedule <i>Tom Fuerst, The Robbins Company</i>	Tunnel Segmental Lining Geometry, Tolerance and Measurement <i>Mehdi Bakhshi, AECOM</i>
12:15PM - 1:30PM	Lunch in the Trade Show	
1:30PM - 1:55PM	Following Canadian Pacific Railway protocol for a trenchless crossing in Calgary, Alberta <i>Remco Kleinlugtenbelt, Thurber Engineering</i>	Ashbridges Bay Treatment Plant Outfall – Designing for Time Dependent Deformations in PCTL <i>Michael Duton, Hatch</i>
1:55PM - 2:20PM	Beneath the City of St. Albert: Microtunnelling the 1500mm North Interceptor Sanitary Trunk <i>Paul Dedeluk, Associated Engineering</i>	Lateral Deflections in Tunnel Control Networks <i>Joern Katzer, Katzer Survey Consulting</i>
2:20PM - 2:45PM	Confederation Way Sanitary Sewer Bypass – Phase 2, Fort McMurray, Alberta <i>Carlie Pittman, Associated Engineering</i>	Tunnel Segmental Lining Durability <i>Mehdi Bakhshi, AECOM</i>
2:45PM - 3:25PM	Coffee Break in the Trade Show	
3:25PM - 3:50PM	Soft Ground Tunnelling Techniques for Mine Access Development <i>Joe Anderson, Golder Associates</i>	Ashbridges Bay Treatment Plant Outfall – Design Innovations <i>Andre Solecki, Hatch</i>
3:50PM - 4:15PM	Pedestrian Tunnels – The Mode of the Future <i>Don Del Nero, Stantec Consulting Services, Inc</i>	Analysis of Cognitive Fitness and Accident Prevention <i>Christina Lee Lindstrom, Obayashi Corporation</i>
4:20PM - 4:30PM	Day 1 Closing Remark - Conference Chairs	
4:45PM - 5:45 PM	TAC Annual General Meeting	
6:15PM - 6:45PM	TAC Awards Reception - Bordeaux/Beaujolais Rooms	
6:45PM - 9:15PM	TAC Awards Dinner and Presentation - Bordeaux/Beaujolais Rooms	

TT2018 Program - Friday, November 9

Time	Chianti Room	Madeira Room
7:30AM – 8:30AM	Breakfast in the Trade Show	
8:30AM – 8:40AM	Welcoming Day 2 - Conference Chair Remarks and Presentation of Charitable Donation	
8:40AM - 9:25AM	Keynote Address - Transforming Edmonton with Urban LRT Guy Boston, City of Edmonton	
9:30AM - 9:55AM	940m NPS 42 HDD Crossing of the Victoria Harbour <i>Samuel Wilson, CCI Solutions</i>	Ground Freezing As Temporary Excavation Support: A Sustainable Geotechnical Technique <i>Filippo Mira-Catto, Bauer Foundations Canada Inc</i>
9:55AM - 10:20AM	Ashcroft Lateral Pipeline HDD Construction: Lessons Learned on the Use of a Surface Casing <i>Michelle van der Pouw Kraan, McMillen Jacobs Associates</i>	Effect of Rock Strength Components' Evolution Rate on the Mechanism of Failure in Brittle Rocks <i>Neda Dadashzadeh, Queens University</i>
10:20AM - 11:00AM	Coffee Break - in the Trade Show	
11:00AM - 11:25AM	Pilot Tube Guided Auger Boring to Solve Project Challenges, and Go Further in Harder Geology <i>Chris Sivesind, Akkerman</i>	4 Double Shielded Hard Rock TBMs In Use for the Oslo Follo Line – Project Challenges and TBM Solutions <i>Karin B�ppler, Herrenknecht AG</i>
11:25AM - 11:50AM	A New Perspective in Hydro Fracture Analysis <i>Stefan Goerz, CCI Solutions</i>	Reopening a Canadian Landmark: The rehabilitation repurposing of the Brockville Tunnel <i>Mark Stephen Diederichs, Queens University</i>
11:50AM - 12:15PM	2018 Northwest Trenchless Project of the Year Award and Presentation	
12:15PM - 1:30PM	Lunch in the Trade Show	
1:30PM - 1:55PM	The New Jet Pump Technology, Ideal for Long-Distance Pipe Jacking and HDD Crossing with Highly Permeable Soils <i>Simon Herrenknecht, Herrenknecht AG</i>	Material Flow in EPB Tunneling – Characterization and Importance <i>Mario Galli, PORR Deutschland GmbH</i>
1:55PM - 2:20PM	Reducing the Intrusion: Instrumentation and Monitoring for Urban Excavation with Non-Contact Technologies <i>Loic Galisson, SIXENSE Solutions Canada Ltd</i>	Effect of kaolinite and bentonite on the clogging potential of Edmonton clay <i>Ali Bayat, University of Alberta</i>
2:20PM - 3:00PM	Coffee Break in the Trade Show	
3:00PM - 3:25PM	Novel Solidification Technology and Tracking Software Solves Waste Management Problem for Large HDD in Urban Environment <i>Nick Gannon, Allstream Waste Solutions Inc</i>	Laboratory assessment of flow behaviour and clogging associated with EPB machine excavation <i>Daniela Garroux Goncalves de Oliveira, Herrenknecht AG</i>
3:25PM - 3:50PM	Cured-in-Place Pipe Liners for Pressure Applications – What the Industry is Doing to Standardize Structural Design and Seal at Services and Ends <i>George Bontus, Aegion Corporation</i>	Structural Considerations of Relining Pipe Infrastructure - PVC Fold and Form <i>Tim Johnston, SALOC</i>
3:55PM - 4:05PM	Closing Remark - Conference Chairs	