

Tuesday, 17th October

<p>TM-T1 Session: Condition Assessment, Pipe Inspection, Underground Detection, Others Stream: Conference Track 1 Chaired by: Jens Hölterhoff (Germany) - GSTT Venue: B3 (Conference room, Second floor) Event Start: 10:30</p>	<p>TM-T2 Session: Rehabilitation: CIPP - 1 Stream: Conference Track 2 Chaired by: Milton Chávez Gasca (Mexico) - INBODE Venue: B4 (Conference room, Second floor) Event Start: 10:30</p>	<p>TM-T3 Session: Spanish Presentations - 1 Stream: Conference Track 3 Chaired by: CESAR ALVARADO (Mexico) - DITCH WITCH Venue: B5 (Conference room, Second floor) Event Start: 10:30</p>
<p>10:30 Increasing sewer inspection efficiency through AI: United Utilities Case Study Katy Bevan* (United Kingdom) - United Utilities, Amanda Siqueira (Australia) - VAPAR Pty Ltd</p>	<p>10:30 90 year old Collector rehabilitated using CIPP in México City Francisco Javier Peralta Vazquez* (Mexico) - INBODE</p>	<p>10:30 CONSTRUCCIÓN Y REHABILITACIÓN DE LA LÍNEA MATRIZ DE ACUEDUCTO TIBITOC-CASABLANCA 78* – 53 KM GINO GONZALEZ* (Colombia) - LAMSTT, Mauricio Jimenez* (Colombia) - LAMSTT</p>
<p>10:55 Integrated Approach for Pressure Pipe Condition Assessment and Rehabilitation: A Phased Approach Deon Pohorille* (South Africa) - SASTT</p>	<p>10:55 CIPP UV rehabilitation of drains in Mexico City due Earthquake damages 2017 Daniel Posadas Ortiz* (Mexico) - INBODE</p>	<p>10:55 6.6 km de microtunel Urbano para alcantarillado sanitario en San José Costa Rica, Colectores Sur: Desvió Tiribi Raymundo Gonzalez* (Mexico) - Bessac</p>
<p>11:20 Predictive Life Cycle Analysis of Large Diameter Wastewater Pipelines Veronica Alvarez* (United States) - RedZone Robotics</p>	<p>11:20 Use of High Performance Preliner in CIPP Rehabilitation Ian Ramsay* (United Kingdom) - Valéron Strength Films, Marc Joos (Belgium) - Valéron Strength Films, Grégory Lemaire (Belgium) - Valéron Strength Films</p>	<p>11:20 CIPP con curado UV en Brasil - Estudios de caso de rehabilitación de tuberías por Gravedad y a Presión Felipe Montuori* (Brazil) - SAERTEX multiCom</p>
<p>11:45 Corrosion Grade Diagnosis of Steel Telecommunication Conduits Based on Image Recognition Daisuke Uchibori* (Japan) - NTT Access Network Service Systems Laboratories, Fumito Kudou (Japan) - NTT Access Network Service Systems Laboratories, Yousuke Sakurada (Japan) - NTT Access Network Service Systems Laboratories</p>	<p>11:45 Success story of trenchless solutions in Mexico City Milton Chávez Gasca* (Mexico) - INBODE</p>	<p>11:45 Revitalizing the Future: Innovative Solutions to Extend Useful Life of Sewerage Systems - Revitalizando el Futuro: Soluciones Innovadoras para Prolongar la Vida Util de los Sistemas de Alcantarillado Ricardo Garcia* (Colombia) - LAMSTT</p>
<p>12:10 Using Gyro-mapping technology to obtain highly accurate As-Built data. Otto Ballintijn* (Belgium) - Reduct NV</p>		<p>12:10 Structural Rehabilitation of Water Transmission Mains with Advanced Carbon Fiber Wrap Composites Tomas Jimenez* (United States) - FyfeFRP, LLC</p>
<p>Panel Discussion: CIPP Roundtable Discussions Stream: Conference Track 1 Chaired by: Kimberlie Staheli (United States) - Staheli Trenchless Consultants, Inc. Venue: B3 (Conference room, Second floor) Event Start: 13:30</p>		
<p>TA-T1 Session: HDD/Microtunneling/Pipejacking-1 Stream: Conference Track 1 Chaired by: Trevor Gosatti (Australia) - ASTT Venue: B3 (Conference room, Second floor) Event Start: 14:30</p>	<p>TA-T2 Session: Rehabilitation: CIPP, Fold and Form, Others Stream: Conference Track 2 Chaired by: John Matthews (United States) - Trenchless Technology Center (TTC) Venue: B4 (Conference room, Second floor) Event Start: 14:30</p>	<p>TA-T3 Session: Spanish Presentations - 2 Stream: Conference Track 3 Chaired by: Carlos Munera (Colombia) - LAMSTT Venue: B5 (Conference room, Second floor) Event Start: 14:30</p>
<p>14:30 Case Study: Lake Sakakawea, Missouri River, ND 4,702m Intersect Thomas Forconi* (United States) - Browline, James Cloud (United States) - ISTT</p>	<p>14:30 Detailed overview of work phases, benefits and challenges of CIPP lining rehabilitation inside buildings. Mikko Saarijärvi* (Finland) - Picote Solutions Oy Ltd</p>	<p>14:30 Implementation of Directional Boring Methods for Unstable Ground Conditions and Hard Rock / Implementación de métodos de perforación para condiciones de suelo inestables y roca de alta dureza Roberto Zillante* (United States) - Petra, Thomas Egan (United States) - Petra</p>
<p>14:55 Advancements in Guidance Technologies Combine to Maximize Positional Accuracy in HDD Jed Sheckler* (United States) - Vector Magnetics</p>	<p>14:55 50 Years of Cured in Place Pipe Declan Downey* (United Kingdom) - Trenchless Opportunities Ltd</p>	<p>14:55 PERSPECTIVES FOR THE IMPLEMENTATION OF TRENCHLESS TECHNOLOGIES IN LATIN AMERICA / PERSPECTIVAS DE IMPLEMENTACION DE TECNOLOGIAS TRENCHLESS EN LATINOAMERICA Juan Fernando Pareja* (Colombia) - LAMSTT</p>
<p>15:20 Accuracy of horizontal directional drilling in sedimentary soils Henk Kruse* (Netherlands) - Underground infrastructure</p>	<p>15:20 REHABILITATION OF 2.44 METER COLLECTOR WITHOUT EXCAVATION USING TCES TECHNOLOGY (CIPP) IN MEXICO CITY (Considered the largest TCES work in diameter, thickness and length carried out in all of Latin America) Daniel Posadas Ortiz* (Mexico) - INBODE</p>	<p>15:20 Non-Destructive Methods for Water Pipe Leak Detection and for the Understanding of the Sewer System Carlos Munera* (Colombia) - LAMSTT</p>
<p>15:45 Successful Subaqueous Microtunneling in Densely Urbanized Environments – A Large-Diameter Microtunnel Case Study in Tampa, Florida David Sackett* (United States) - Brierley Associates Corp</p>	<p>15:45 Advanced Thermoplastic PVC Fold and Form Potable Water and Pressure Pipe Lining Wing Chan* (Canada) - P3i-Tech, Jessica Wu (China) - Zhangzhou Anyue A</p>	<p>15:45 Estándar de diagnóstico y la localización de tuberías para Latinoamérica ARLEX TORO* (Colombia) - LAMSTT</p>
	<p>16:10 Styrene-Free and Structural Fold and Form PVC Liners for Sewer and Culvert Rehabilitation David Ohayon* (Canada) - Warrior Trenchless Solutions</p>	<p>16:10 Proyecto de Rehabilitacion de Alcantarillado Sanitario Cuenca La Chala, Guayaquil Miguel Freire* (Portugal) - IMPREG</p>

Wednesday, 18th October

<p>WM-T1 Session: HDD/Microtunneling/Pipe jacking - 2 Stream: Conference Track 1 Chaired by: Matthew Wallin (United States) - Bennett Trenchless Engineers, LLP Venue: B3 (Conference room, Second floor) Event Start: 09:30</p>	<p>WM-T2 Session: Asset Management, Pipe Cleaning, Environment Stream: Conference Track 2 Chaired by: Declan Downey (United Kingdom) - Trenchless Opportunities Ltd Venue: B4 (Conference room, Second floor) Event Start: 09:30</p>	<p>WM-T3 Session: Student Papers -1 Stream: Conference Track 3 Chaired by: Milton Chávez Gasca (Mexico) - INBODE Venue: B5 (Conferene room, Second floor) Event Start: 09:30</p>
<p>09:30 HDD Crossing of a Fault Zone Beneath the Mad River Matthew Wallin* (United States) - Bennett Trenchless Engineers, LLP</p>	<p>09:30 Structural Classification Requirements for Trenchless Rehabilitation Methods used on Pressure Pipes John Matthews* (United States) - Trenchless Technology Center (TTC), John Kraft (United States) - Trenchless Technology Center (TTC)</p>	<p>09:30 Auger Boring in Underground Tunnel Construction: A Sustainable and Efficient Approach Santiago Anaya* (Mexico) - Universidad Nacional Autonoma de México (UNAM)</p>
<p>09:55 Comparison of Observed and Predicted Settlements: City of Dubuque Bee Branch Parallel 101" Microtunnels under Canadian Pacific Railyard Matthew Wallin* (United States) - Bennett Trenchless Engineers, LLP, David Bennett (United States) - Bennett Trenchless Engineers, LLP, Sandie Dudley (United States) - Bennett Trenchless Engineers, LLP</p>	<p>09:55 Water Supply Pipelines – there's no quick fix! Declan Downey* (United Kingdom) - Trenchless Opportunities Ltd</p>	<p>09:55 Trenchless Technology vs. Traditional Construction: Comparative Analysis of Environmental Impact for the Diversion of a Reinforced Concrete Sanitary Sewer Collector Aurora Márquez Hernández* (Mexico) - Universidad Nacional Autonoma de México (UNAM)</p>
<p>10:20 Coos Bay, Oregon installs HDD New Force Main over 40 m deep Under a Slough Kimberlie Staheli* (United States) - Staheli Trenchless Consultants, Inc.</p>	<p>10:20 Pipe insertion type reinforcing and rehabilitation member for prevention of cutting accidents, applicable to very shallow buried pipelines Hidetaka Watanabe* (Japan) - NTT Access Network Service Systems Laboratories, Junichirou Tamamatsu (Japan) - NTT Access Network Service Systems Laboratories</p>	<p>10:20 WATER ASSET CONDITION MONITORING CLASSIFICATION: INVESTIGATING THE USE OF MACHINE LEARNING Diego Calderon* (United States) - University of Texas at Arlington, Mohammad Najafi (United States) - University of Texas at Arlington</p>
<p>10:45 The role of mechanized shaft sinking with VSM for urban infrastructure Erick Strauss* (Germany) - Herrenknecht AG, Stefan Frey (Germany) - Herrenknecht AG</p>	<p>10:45 Reducing carbon footprint by utilizing high-speed pipe cleaning technologies Dave McArthur* (United States) - Picote Solutions, Inc., Tony DeCavitch* (United States) - Picote Solutions, Inc., Dawn Greig (United Kingdom) - Picote UK Ltd</p>	
<p>11:10 Trenchless shore approaches: the role of Pipe Jacking and Direct Pipe for pipeline landfalls and water intakes Peter Schmäh* (Germany) - Herrenknecht AG</p>	<p>11:10 Trenchless rehabilitation of pressure pipes and CO2 Reduction – The Perfect Combination Luis Guajardo* (Spain) - Rädlinger primus line GmbH</p>	
<p>Panel Discussion: Municipal Leaders from Mexico Stream: Conference Track 1 Chaired by: Milton Chávez Gasca (Mexico) - INBODE Venue: B3 (Conference room, Second floor) Event Start: 13:00</p>		
<p>WA-T1 Session: Microtunneling and Pipe Jacking Stream: Conference Track 1 Chaired by: Kimberlie Staheli (United States) - Staheli Trenchless Consultants, Inc. Venue: B3 (Conference room, Second floor) Event Start: 14:30</p>	<p>WA-T2 Session: Rehabilitation: Slip Lining, CIPP and Others Stream: Conference Track 2 Chaired by: Mari Andre Haebler (Austria) - Upartig Group Venue: B4 (Conference room, Second floor) Event Start: 14:30</p>	<p>WA-T3 Session: Student Papers -2 Stream: Conference Track 3 Chaired by: Jari Kaukonen (Finland) - FISTT Venue: B5 (Conferene room, Second floor) Event Start: 14:30</p>
<p>14:30 Using a Pilot Probe to Determine HDD Feasibility Kimberlie Staheli* (United States) - Staheli Trenchless Consultants, Inc., Tim Collins (United States) - City of Portland, Portland Water Bureau</p>	<p>14:30 Case study on challenges encountered in long-distance pipeline slip lining in mountainous areas and countermeasures hanhsiang ju* (Taiwan) - Taipei Water Department, Ching-Liang Tseng (Taiwan) - Taipei Water Department, Hsueh-Ching Lu (Taiwan) - Taipei Water Department</p>	<p>14:30 In-place curing technologies for liners with ultraviolet light Gustavo Romero Romero* (Mexico) - Universidad Nacional Autonoma de México (UNAM)</p>
<p>14:55 Prediction Equation of Jacking Force for Different Shapes of Rectangular Pipe Jacking Hideki shimada* (Japan) - Kyushu University</p>	<p>14:55 Introducing Flexi-Sliplining, a totally trenchless manhole-to-manhole rehabilitation method Richard Swan* (United Kingdom) - Picote UK Ltd, Dawn Greig* (United Kingdom) - Picote UK Ltd</p>	<p>14:55 EMERGENCY REPAIR OF PIPELINE IN MOOSAS CANYON, SAN DIEGO, CA, WITH CFRP AND GFRP María Fernanda Rivas Martínez* (Mexico) - Universidad Nacional Autonoma de México (UNAM)</p>
<p>15:20 Investigating Box-Jacking Forces in Soft Soils of Tokyo, Japan: A Comparative Study BOSONG YU (Japan) - Kyushu University, Hideki shimada (Japan) - Kyushu University, Takashi Sasaoka* (Japan) - Kyushu University</p>	<p>15:20 Introducing Precision Pull-in-Place CIPP Lining into Emerging Markets Deon Pohorille* (South Africa) - NuFlow Technologies, Grant Whittle (United States) - NuFlow Technologies</p>	<p>15:20 REPLACEMENT OF COLLECTOR NO.8 (COAHUILA), AN ALTERNATIVE FOR PIPE REPAIR IN MEXICO Malinalli Juarez Moya* (Mexico) - UNAM INSTITUTO POLITECNICO NACIONAL, Jaqueline Muñoz* (Mexico) - UNAM INSTITUTO POLITECNICO NACIONAL</p>
<p>15:45 Small-Diameter Pipe Jacking Method Bruno Meneghesso* (Japan) - FUSO, Yoshimitsu Aikawa (Japan) - FUSO</p>		<p>15:45 REHABILITATION OF DEEP DRAINAGE LARGE MANHOLES IN MEXICO CITY, USING A SOLUTION WITH A USEFUL LIFE OF MORE THAN 30 YEARS Nohemi Juarez Hernandez* (Mexico) - Universidad Nacional Autonoma de México (UNAM)</p>