

33rd INTERNATIONAL NO-DIG 2015 – Istanbul, Turkey (Conference Schedule)
DAY 1 – MONDAY 28 SEPTEMBER 2015



08.00 – 09.30	REGISTRATION	
09.30 – 10.30	OPENING CEREMONY and KEYNOTES (Room YAKUT)	
10.30 – 11:30	Special Presentation: “Recently Published Water Loss Control Regulations in Turkey” (in Turkish Language) (Dr. Cumali Kinaci, General Manager of Turkish Ministry for Water Affairs)	
	TRACK A (Room OPAL)	TRACK B (Room MERCAN)
	Session 1A “Societal Issues” <i>Moderator: Dr. Hanifi Copur</i>	Session 1B “Survey and Detection” <i>Moderator: Enrico Boi</i>
10.30 – 11.30	<p>Realizing Value by Trenchless Rehabilitation of Sewer Systems <i>(Roland Waniek, IKT)</i></p> <p>Aarhus Water Documents Corporate Social Responsibility <i>(Peter Hjortdal, Lisbet Davidsen, Aarhus Water)</i></p>	<p>Large Profile Pipe Cleaning Project In Istanbul Associated Technologies, Techniques and Equipment Used In The Project <i>(Kadir Tolga Erpinar, TSITT)</i></p> <p>Large-Scale Utility Mapping using Multichannel 3D GPR Array Systems: Recent Developments <i>(Enrico Boi, IDS Corporation)</i></p> <p>Sewer Rehabilitation Design – Special Aspects <i>(Jörg Martin, Barthauer)</i></p>
11.30 – 12.30	EXHIBITION OPENING and EXHIBITION TOUR FOR VIP GUESTS (Room SAFIR)	
12.30 – 13.30	Lunch and Exhibition Visit	
	Session 2A “Research and Education” <i>Moderator: Dr. Samuel T. Ariaratnam</i>	Session 2B “Design and Assessment” <i>Moderator: Robert Toyoda</i>
13.30 – 15.00	<p>Advanced Further Education for Engineers via E-Learning <i>(Kadir Tolga Erpinar, TSITT)</i></p> <p>Water Pipeline Management Research Needs <i>(Samuel Ariaratnam, Arizona St. University)</i></p> <p>An Integrated FANP and ER Condition Assessment Model for Sewer Pipelines in Qatar <i>(Firas Alkadour, Qatar University)</i></p>	<p>Ten Years of Liner Testing Experience <i>(Roland Waniek, IKT)</i></p> <p>Rehabilitation of a return line for cooling water by using a UV-light cured CIPP <i>(Michael Roeling, BKP-Berolina)</i></p> <p>Comparing Different Frequency GPR Antennas To Locate Anomalies In Concrete Structures <i>(Gokhan Kilic, Izmir University of Economics)</i></p>

15.00 – 16.00	Coffee Break in the Exhibition Hall	
16.00 – 18.30	Session 3A “Horizontal Directional Drilling Applications” <i>Moderator: Sergio Palazzo</i>	Session 3B “Pipe Considerations” <i>Moderator: Dr. Mohammad Najafi</i>
	<p style="text-align: center;">Steel Cased Horizontal DTH Drilling for Rocky No-Dig Applications <i>(Tuomas Lassheikki, Geonex Oy)</i></p> <p style="text-align: center;">HDD Experience in Low and High Mountain Regions <i>(Hans Joachim Bayer, Tracto-Technik)</i></p> <p style="text-align: center;">Installation of Shore Approaches and Sealines with Trenchless Methods: Technologies and Case Studies <i>(Lutz zur Linde, Herrenknecht)</i></p> <p style="text-align: center;">Record HDD Application in Turkey <i>(Aybars Mutluer, Ekol Yapi)</i></p> <p style="text-align: center;">Applied Ductile Pipe Technologies for Trenchless Applications within Cities: HDD DN400 Example <i>(Stephan Hobohm, Duktus)</i></p>	<p style="text-align: center;">Use of Clay Jacking Pipes to Install Storm Water Pipelines Beneath the Thames on London’s Major Crossrail Project <i>(Edward Naylor, Naylor Industries)</i></p> <p style="text-align: center;">New Generation of Polyethylene Pipe Materials Allowing for Demanding Installation Conditions <i>(Norbert Jansen, Borealis Group)</i></p> <p style="text-align: center;">An Online Technical Guide to the Use of PE100 in Trenchless Applications <i>(Tom Sangster, Downley Consultants)</i></p> <p style="text-align: center;">Protection Jacket Pipes for Trenchless Technologies Made of Polyethylene <i>(Toni Pietsch, Gerodur)</i></p>
18.30 – 19.30	Welcome Cocktail in the Exhibition Hall	

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DAY 2 – TUESDAY 29 SEPTEMBER 2015



	TRACK A (Room OPAL)	TRACK B (Room MERCAN)
	Session 4A “Pipe Jacking and Microtunneling Applications I” <i>Moderator: Stanislav Lovecky</i>	Session 4B “Retrospective Analysis” <i>Moderator: Dr. Ihsan Engin Bal</i>
09:00 – 10.30	<p>Application of Pipe Roof by using Pipe Jacking under Different Design on Behavior of Ground Surface after Tunnel Construction <i>(Hideki Shimada, Kyushu University)</i></p> <p>Analysis of the Overcut and Stuck Effects on Soil-Pipe Interaction of Pipe Jacking in Gravel Formations <i>(Keh-Jian (Albert) Shou, National Chung-Hsing University)</i></p> <p>Microtunneling and Urban Challenges <i>(Taha Ashoori, University of Texas - Arlington)</i></p>	<p>Results from a Multi-Year Retrospective Evaluation of Rehabilitation Technologies in North America <i>(Dec Downey, Trenchless Opportunities)</i></p> <p>Flood Grouting: A History of 20+ Years of Experience <i>(Csilla Pall, Sanipor)</i></p> <p>Cableless TV Inspection of Pipelines with Integrated Leak Detection <i>(Michael Huainig, Mta-Messtechnik)</i></p>
10.30 – 11.30	Morning Coffee Break in the Exhibition Hall	
	Session 5A “Pipe Jacking and Microtunneling Applications II” <i>Moderator: Jari Kaukonen</i>	Session 5B “Method Selection” <i>Moderator: Dr. Dec Downey</i>
11.30 – 13.00	<p>Pipe Jacking Method in Connecting New Pipeline to the Existing Underground Structure Including Right Angle Curve Route <i>(Tomo Morita, Alpha Civil Engineering)</i></p> <p>Tubular Roof under Historical Buildings: Combining Pipe Jacking, Dewatering, Timbered Trenchless, Compensation and Grouting <i>(Wim Smet, Smet Group)</i></p> <p>Considerations for Deep Sewer Installations with Microtunneling <i>(Gerald Krapesch, Hobas)</i></p>	<p>Selection of Appropriate Trenchless Sewer Renewal Technique in Indian Context: A Perspective <i>(Dec Downey, Trenchless Opportunities)</i></p> <p>Mokolo Pipeline Case Study: A Stimulating Condition Assessment Together with a Novel Approach to Lining Refurbishment Selection <i>(Ross Mahaffey, Aurecon Pty Ltd)</i></p> <p>So Many Trenchless Point Repair Methods – Which One is the Winner for Pipes of Varying Inner Diameters and Offset Joints <i>(Jey Jeyapalan, Civic Enterprises)</i></p>
13.00 – 14.00	Lunch and Exhibition Visit	

	Session 6A “Pipe Jacking and Microtunneling Applications III” <i>Moderator: Dr. Gokhan Kilic</i>	Session 6B “Liners and Laterals” <i>Moderator: Dr. V. Firat Sever</i>
14.00 – 16.30	<p>Investigation into Net Cutting Rate of Slurry Microtunneling Machines <i>(Ahmet Baris Akkaya, Eregli Iron and Steel Works)</i></p> <p>Microtunneling Across River Elbe (Germany) <i>(Peter Dennig, A. Hak Drillcon)</i></p> <p>Position Estimates for Existing Trenchless Installations <i>(Wout Broere, TU Delft University)</i></p> <p>Comparison of CO2 Emissions from Trenchless and Open-Cut Methods: Installation of a OD 3000mm Diameter Pipe for Project Czajka in Warsaw, Poland <i>(Victor Vladimirov, Hobas Engineering GmbH)</i></p> <p>Pipe Jacking Performance of a Modified EPB TBM used in Istanbul Kurbagalidere Wastewater Collector Pipeline including Curved Alignment <i>(Meric Yetis, Ozka-Akm JV)</i></p>	<p>Complex Construction Projects with Pipe Liners: Large Profiles, Oval Profiles, and Special Profiles <i>(Gunter Kaltenhauser, Reline Europe)</i></p> <p>New Installation and Rehabilitation of Property Service Connections <i>(Sebastian Schwarzer, Tracto-Technik)</i></p> <p>Evaluation of Rehabilitation and Renewal Options for a Large Diameter Storm Sewer <i>(Mohammad Najafi, University of Texas - Arlington)</i></p> <p>Hydraulic Capacity Improvement Via Rehabilitation <i>(V. Firat Sever, American Structurepoint)</i></p> <p>Miami-Dade County Pre-Stressed Concrete Cylinder Pipe Rehabilitation using FRP Composite Systems <i>(JD Demore, Aegion)</i></p>
16.30 – 18.00	Afternoon Coffee Break in the Exhibition Hall	
20.00 – 23.00	Gala Dinner (Room YAKUT)	

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DAY 3 – WEDNESDAY 30 SEPTEMBER 2015



	TRACK A (Room OPAL)	TRACK B (Room MERCAN)
	Session 7A “Pipe Jacking and Microtunneling Applications IV” <i>Moderator: Dr. Fevzi Yilmaz</i>	Session 7B “Trenchless in Turkey” (Turkish Language) <i>Moderator: Dr. Veysel Turkel</i>
09.00 – 11.00	<p align="center"><i>Normalized Cutting Indices to Underground Mechanical Excavation</i> <i>(Li-Hsien Chen, National Taipei University of Technology)</i></p> <p align="center"><i>Using Punch Penetration Test for Estimating Machine Performance</i> <i>(Saffet Yagiz, Pamukkale University)</i></p> <p align="center"><i>The Hydraulic Joint – Key to Curved Microtunnelling</i> <i>(Stefan Truempi, Jackcontrol AG)</i></p> <p align="center"><i>Condition Prediction for Chemical Grouting Rehabilitation of Sewer Networks</i> <i>(Mohamed El Masry, Concordia University)</i></p> <p align="center"><i>Technical Description of the Most Important Underground Infrastructure Projects Under Construction in Colombia, SA</i> <i>(Juan Carlos Gutierrez, Empresas Públicas de Medellin E.S.P)</i></p>	<p align="center"><i>Trenchless Geophysical Surveys in Tunneling Works</i> <i>(M. Ali Kaya, Trakya University)</i></p> <p align="center"><i>Comparative Test of Repair Methods for Lateral Connections</i> <i>(Serdar Ulutas, IKT)</i></p> <p align="center"><i>Infrastructure Management in Smart Cities with GIS</i> <i>(Mustafa Yalcinkaya, IGDAS Istanbul Natural Gas Distribution Company)</i></p> <p align="center"><i>Encountered Problems in the Bagbasi Dam Mavi Tunnel and Performance of the Tunnel Boring Machine</i> <i>(Ayhan Kocbay, DSI General Directorate of State Hydraulic Works)</i></p>
11.00 – 12:30	Morning Coffee Break in the Exhibition Hall	
12.30 – 13.30	Lunch and Exhibition Visit	
13.30 – 14.00	Closing Ceremony	