



12.00-13.00	Registration
13.00-15.00	<p>Selected issues concerning the design of the pipeline rehabilitation liners in reference to the DWA-A 143-2 guideline, part I</p> <p><i>Leaders: dr inż. Tomasz Abel, dr inż. Bogdan Przybyła, Beata Nienartowicz</i></p> <p>The goal of the workshops is to discuss the basic rules of designing pipeline rehabilitation liners in reference to the DWA-A 143-2 guideline and the audit work issues. Discussed topics will include:</p> <ul style="list-style-type: none"> · assessment of the existing pipeline, · rehabilitaion methods in reference with the assessement outcome, · input data for the design and the load imposed on the liner, · imperfection problem, technical state III and IIIa, · determination of the internal forces and dimensioning for operation and mounting, · calculation scheme · quality of work assessment <p>During the lecture there will be discussed rules of liners dimensioning in reference to the DWA-A 143-2 guideline.</p>
15.00-16.00	Lunch
16.00-18.00	<p>Selected issues concerning the design of the pipeline rehabilitation liners in reference to the DWA-A 143-2 guideline, part II</p> <p><i>Leaders: dr inż. Tomasz Abel, dr inż. Bogdan Przybyła, Beata Nienartowicz</i></p> <p>The goal of the workshops is to discuss the basic rules of designing pipeline rehabilitation liners in reference to the DWA-A 143-2 guideline and the audit work issues. Discussed topics will include:</p> <ul style="list-style-type: none"> · assessment of the existing pipeline, · rehabilitaion methods in reference with the assessement outcome, · input data for the design and the load imposed on the liner, · imperfection problem, technical state III and IIIa, · determination of the internal forces and dimensioning for operation and mounting, · calculation scheme · quality of work assessment <p>During the lecture there will be discussed rules of liners dimensioning in reference to the DWA-A 143-2 guideline.</p>
18.00	General Meeting of Polish Trenchless Technologies Association
18.00-23.00	Dinner / grill (for participants of workshops and conference)

9.00–9.15	OPENING CEREMONY – <i>Paweł Kośmider, Wydawnictwo INŻYNIERIA sp. z o.o., Piotr Zięta, President of the Board of Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A)</i>		
9.15–10.30	<p>PLENARY SESSION, ROOM 2:</p> <p>Plans and experiences of Gas Transmission Operator GAZ-SYSTEM S.A. in the field of trenchless construction of the crossings in gas transmission pipelines – <i>Małgorzata Bułaś, GAZ-SYSTEM S.A., Roland Kośka, GAZ-SYSTEM S.A.</i></p> <p>Condition Assessment of Large Diameter Pipes: The MAC System – <i>Dipl.-Ök. Roland W. Waniek, IKT – Institut für Unterirdische Infrastruktur gGmbH</i></p> <p>Challenges and chances for HDD industry and objectives of the DCA – <i>Marc Schnau, DCA-Europe</i></p> <p>Modernization and construction of a sewerage network in Krakow, Poland under the GWŚ project the phase V 2014-2020 – <i>Marcin Łukaszewicz, Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A)</i></p>		
10.30–10.55	TECHNOLOGY SHOW Sealing the connections – today and in the past – <i>BLEJKAN S.A.</i>		
10.55–11.15	Coffee break		
11.15–13.40	<p>TECHNICAL SESSION 1, ROOM 2 (TRENCHLESS CONSTRUCTION)</p> <p>Feasibility studies for the drilling projects (HDD, microtunneling, Direct Pipe) – <i>Robert Osikowicz, ROE</i></p> <p>Innovations in HDD product and support – <i>Randy Rupp, Ditch Witch</i></p> <p>Drilling fluids with a very low friction coefficient – <i>Rafał Leśniak, HEADS sp. z o.o.</i></p> <p>Experiences acquired during the DN1000 gas pipelines HDD and Direct Pipe installation – <i>Jakub Hilarowicz, Marcin Firkowski, PPI CHROBOK S.A.</i></p> <p>Unglazed clay jacking pipes Naylor Drainage LTD – non-standard parameters and the Polish and international appliance examples – <i>Krzysztof Kaczmarek, Naylor Polska</i></p> <p>Construction of a sewage collector as part of an investment project called „Development of the New Center of Warsaw” – <i>Tomasz Poloczek, HABA-Beton Johann Bartlechner sp. z o.o.</i></p> <p>Junikowski collector in Poznan - a demonstration of GRP application possibilities – <i>Robert Walczak, Amiantit Poland sp. z o.o.</i></p>	11.15–13.40	<p>TECHNICAL SESSION 1, ROOM 3 (TRENCHLESS RENOVATION)</p> <p>Practical aspects of polyurea spray method in water-line renovation. Expert analysis – <i>Jakub Wiernicki, TERLAN sp. z o.o.</i></p> <p>The response to the emerging needs of the market related to the reducing pipeline construction and maintenance costs – <i>Hobas Top Performance Pipes – Dariusz Kosiorowski, HOBAS System Polska sp. z o.o.</i></p> <p>The prospect of cracking on the Polish market based on the use of pipeline renovation techniques analysis. Technical and economic aspects of the cracking method used for the water and sewage networks renovation – <i>Andrzej Wieszolek, TRACTO-TECHNIK GmbH & Co. KG / DTA-TECHNIK sp. z o.o.</i></p> <p>Problems with water supplies for shale gas production – <i>prof. dr hab. inż. Marian Kwietniewski, Politechnika Warszawska</i></p> <p>Fix and forget. PEHD pipes relining as a durable and effective pipeline renovation method – <i>Paweł Pill, Uponsor Infra sp. z o.o.</i></p> <p>Application of the fused basalt elements in sanitary and combined sewage and water supply networks in Poland – <i>Wojciech Kozłowski, Eutit Polska</i></p> <p>Advanced composite solutions for the structural rehabilitation of pipelines – <i>Christoforos Kolyvas, Insituform Linings</i></p> <p>Market experience and reference projects of the 3M Scotchkote 2400 polyurea renovation – <i>Marcin Łukasik, 3M Poland sp. z o.o.</i></p>
13.40–14.00	TECHNOLOGY SHOW Innovative LED BLUELIGHT channel and connections renovation system – <i>Aquaren i Kraso-Tech</i>		
14.00–14.10	TECHNOLOGY SHOW Safe work in the closed spaces – <i>3M Poland sp. z o.o.</i>		

14.10–15.10	Lunch		
15.10–17.05	<p>TECHNICAL SESSION 2, ROOM 2 (TRENCHLESS CONSTRUCTION)</p> <p>Direct Pipe—a technoeconomic analysis, based on the executed projects —<i>Dymitr Petrow Ganew, Herrenknecht AG</i></p> <p>Mechanical properties of laminate coatings and their effectiveness as an anti-corrosion layer for HDD cable —<i>Adam Bok, Proma sp. z o.o.</i></p> <p>Required research for long distance horizontal directional drilling —<i>dr Henk M.G. Kruse, Deltares</i></p> <p>Record crossing in HDD technology —<i>Günter Kruse, LMR Drilling GmbH</i></p> <p>Bottom Hole Assembly. Selection of drilling string components and downhole tooling—<i>Roberto Maestrello, Colli Equipment</i></p> <p>Calculating microtunneling jacking forces—<i>Krzysztof Michalczuk, Wydział Budownictwa i Inżynierii Środowiska SGGW; Inżynieria Rzeszów S.A.</i></p>	15.10–17.05	<p>TECHNICAL SESSION 2, ROOM 3 (TRENCHLESS RENOVATION)</p> <p>Risk concerning rehabilitation of closed sewers with internal diameter bigger than 1 m —<i>dr inż. Andrzej Kolonko, prof. dr hab. inż. Cezary Madryas, dr inż. Leszek Wysocki, Politechnika Wroclawska</i></p> <p>Sewerage tightness measurements - the theory and the reality —<i>Michał Andrzejewski, Gamm-Bud sp. z o.o.</i></p> <p>Short pipe modules in trenchless technologies —<i>Andrzej Roszkowski, ARC</i></p> <p>Trenchless renovation of pressure pipes: the PW-LINER usage —<i>Adam Conera, MC-Bauchemie sp. z o.o.</i></p> <p>The Future of the water supply pipeline trenchless renovation —<i>Process Phoenix Double Jacket - based on the examples of completed projects</i> —<i>Christoph Pietryja, Preuss Pipe Rehabilitation Polska sp. z o.o.</i></p> <p>Online marketing. Current trends and tendencies —<i>Tomasz Łucek, New Idea House sp. z o.o.</i></p>
17.05–17.15	SETTLEMENT OF COMPETITIONS AND GOLD SPONSORS' PRIZE-GIVING		
19.30–01.00	TYTAN 2017 AWARDS CEREMONY (ROOM 1, Water Treatment Plant MPWiK w Krakowie)		

09.30–10.20	<p>DISCUSSION PANEL Executing the water and sewage project in the new legal reality (ROOM 2) Moderator: <i>Piotr Ziętara, President of the Board of Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A)</i> Participants: – <i>Robert Bażela – Wojewódzki Fundusz Ochrony Środowiska i Gospodarki Wodnej w Krakowie</i> – <i>Dorota Jakuta – Izba Gospodarcza „Wodociągi Polskie”</i> – <i>prof. Bartosz Rakoczy – Izba Gospodarcza „Wodociągi Polskie”</i></p>		
10.20–11.35	<p>TECHNICAL SESSION 3, ROOM 2 (TRENCHLESS CONSTRUCTION) QRA (Quantitative Risk Assessment) methods in drilling projects risk management – <i>Kamil Kasprzak, ROE</i> Do we need slurry and technological supervision? man and technological supervision? If so, when do we need it? – <i>Jacek Jaworski, HEADS sp. z o.o.</i> Closed loop drilling fluid system. Applications, configuration, economical aspects – <i>Raymond Petiet, Normag bv.</i> Implementation costs analysis of constructing a medium- and low-pressure gas network with connections – open-cut vs. trenchless – <i>dr inż. Florian G. Piechurski, Politechnika Śląska</i> Alternative method of trenchless pipe installation – Short Arc Pipe – <i>Marián Krčík, Hydrotunel, s.r.o.</i></p>	10.20–11.35	<p>TECHNICAL SESSION 3, ROOM 3 (TRENCHLESS RENOVATION) Investment challenges in the water and sewage industry – <i>dr inż. Tadeusz Rzepecki, IGWP, Tarnowskie Wodociągi sp. z o.o.</i> The problem of the CIPP sewage pipes renovation acceptance – <i>dr inż. Dariusz Zwierzchowski, Centrum Badań i Certyfikacji sp. z o.o.</i> Systemic approach towards the impact of the drainage system on the neighboring infrastructure assessment – <i>dr hab. inż. Jadwiga Królikowska, prof. PK, Politechnika Krakowska</i></p>
11.35–11.50	<p>TECHNOLOGY SHOW Trenchless pipeline replacement with Scandinavian No-Dig Center, Mini-T model – <i>Heads sp. z o.o. representative of Scandinavian No-Dig Centre A/S company in Poland</i></p>		
11.50–12.10	<p>Coffee break</p>		
12.10–13.10	<p>LEGAL SESSION, ROOM 2: Organization, qualifications and experience of the persons assigned to the order execution as a tender evaluation criterion – <i>Wioletta Kubica – Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A)</i> Investments in the water and sewage sector in the light of the Urban and Construction Code draft – <i>Emilia Topolnicka, Kancelaria SMM Legal</i> The impact of the Public Procurement Law amendment on the non-price tenders’ evaluation criteria popularity – the discussion panel introduction – <i>Dariusz Ziemiński, Kancelaria Ziemiński & Partner</i></p>		
13.10–14.05	<p>DISCUSSION PANEL Tenders’ evaluation criteria: safe or innovative? (ROOM 2) Moderator: <i>Dariusz Ziemiński, Kancelaria Ziemiński & Partnerzy.</i> Participants: – <i>Tomasz Daniłoś – BLEJKAN S.A.</i> – <i>Wioletta Kubica – Municipal Water and Sewage Company S.A. in Kraków (MPWiK S.A)</i> – <i>Emilia Topolnicka – Kancelaria SMM Legal</i></p>		
14.05–14.15	<p>SETTLEMENT OF COMPETITIONS AND GOLD SPONSORS’ PRIZE-GIVING AND CLOSING OF THE CONFERENCE</p>		
14.15–15.15	<p>Lunch</p>		