



8th Conference
Trenchless Technology

NO-DIG POLAND

18-19 April 2018, Kielce

THE PROGRAMME OF THE CONFERENCE

17.04.2018 (Tuesday - optional)

10:00–17:00	Preparation of exhibition stands
16:00	Opening of the conference office, quartering of the participants and handing the proceedings to the participants (the office will be open to 21:00)
18:00	The opening of the exhibition, the exhibition will be open to the visitors to 20:00
20:00–21:00	Dinner

18.04.2018 (Wednesday)

07:00–08:30	Breakfast (applies to the participants that have accommodation in the Uroczysko Hotel)
08:00	Opening of the conference office and the exhibition (the office will be open to 18:00)

SESSION 1

Chief of meeting: Keh-Jian Shou, Agata Zwierzchowska, Katarzyna Połańska-Zorychta, Bernd-Jan Krasowski

09:00–09:30	Welcome - inauguration of the meeting
09:30–10:00	Urszula Kubicka, Michał Sitarski, Piotr Michno (Politechnika Świętokrzyska) <i>Trenchless technologies on six continents</i>
10:00–10:30	Tetsuya Kusuda (Japan Society of Trenchless Technology, Kyushu University) <i>Latest trenchless technologies in Japan</i>
10:30–11:00	Andrzej Kuliczkowski (Politechnika Świętokrzyska) <i>The challenges for trenchless renewal of water and sewage pipes</i>
11:00–11:50	Coffee break and time for visiting the exhibition

SESSION 2

Chief of meeting: Tetsuya Kusuda, Justyna Lisowska, Arkadiusz Bachan, Tim Hermes

11:50–12:20	Barbara Kliszczewicz (Politechnika Śląska) <i>Numerical analysis of the cooperation of pipes undergoing renovation with the ground under mining deformation conditions</i>
12:20–12:50	Keh-Jian Shou, Pao-Ling Chen (National Chung-Hsing University, Taiwan) <i>On the vibration impact induced by shield tunneling</i>
12:50–13:10	Katarzyna Połańska-Zorychta (Steinzeug-Keramo Sp. z o.o.) <i>Systems of vitrified clay jacking pipes, used in trenchless technologies - solutions for next generations</i>
13:10–13:20	Bernd-Jan Krasowski (KrasoTech GmbH) <i>Steam curing in contention with UV: Reliability and high speed through system solutions.</i>
13:20–13:30	Arkadiusz Kieda, Krzysztof Napierała (Saint-Gobain PAM) <i>LIVE SHOWS: The use of spheroidal iron casting pipes in trenchless technologies</i>
13:30–15:00	Lunch and time for visiting the exhibition

SESSION 3

Chief of meeting: Barbara Kliszczewicz, Urszula Kubicka, Arkadiusz Kieda, Mark André Haebler

15:00–15:30	Tom Sangster (Downley Consultants Ltd) <i>PE100+ Association Online Technical Guide to the Use of PE100 Pipe in Trenchless Applications</i>
15:30–16:00	A.I. Konurin, A.P. Khmelinin, A.S. Kondratenko, S.Yu. Gavrilov (N.A. Chinakal Institute of Mining of The Siberian Branch of The Russian Academy of Science) <i>Results of Testing the Strapdown Inertial Navigation System for Determination of the Spatial Position of Boreholes in Soil with Trenchless Building Underground Pipelines</i>

- 16:00–16:15** | **Tim Hermes (HERMES Technologie GmbH & Co. KG)**
The importance of the robot design in small diameter pipes
- 16:15–16:35** | **Bernd-Jan Krasowski (KrasoTech GmbH)**
LIVE SHOWS 1: Demonstration of the worldwide first LED curing 3D Inliner for the estate drainage PAA F-Liner 3D LED DN100-150
LIVE SHOWS 2: Demonstration of the worldwide first LED curing GRP Inliner for main pipes PAA G-Liner LED DN300
- 16:35–17:00** | Coffee break and time for visiting the exhibition

SESSION 4 | **Chief of meeting: Wojciech Dąbrowski, Anna Parka, Ireneusz Polczyk, Dariusz Tarasewicz**

- 17:00–17:30** | **Adam Wysokowski, Jerzy Howis (Uniwersytet Zielonogórski, Infrastruktura Komunikacyjna Sp. z o.o. Żmigród)**
Proposal of guidelines for the design and construction of engineering structures in trenchless technologies in the infrastructure of communication
- 17:30–17:45** | **Paweł Nurzyński (Per Aarsleff Polska Sp. z o.o.)**
Application of AARSLEFF technology on selected examples
- 17:45–18:00** | **Andrzej Wieszołek (TRACTO-TECHNIK GmbH & Co. KG)**
The perspective of cracking on the Polish market based on the analysis of the use of techniques in the renovation of pipelines, technical and economic aspects for cracking during the renovation of water supply and sewage networks
- 18:00–18:25** | **Florian G. Piechurski, Dawid Dziwoki (Politechnika Śląska)**
Analysis of the costs of construction with three methods renovations
- 19:30–24:00** | The evening Gala Dinner connected with handing out prizes to the winners of the EXPERT 2018 competition, souvenirs for sponsors, diplomas for distinguished people and companies and prizes for the authors of the best master thesis connected with trenchless construction and renovation of underground networks in the PFTT competition



19.04.2018 (Thursday)

- 07:00–08:30** | Breakfast (applies to the participants that have accommodation in the Uroczysko Hotel)
- 08:00** | Opening of the conference office and the exhibition (the office will be open to 13:00)

SESSION 5 | **Chief of meeting: Adam Wysokowski, Wojciech Dąbrowski, Katarzyna Bąba**

- 09:00–09:20** | **Agata Zwierzchowska (Politechnika Świętokrzyska)**
Disadvantages and limitations of trenchless technology of construction underground pipes
- 09:20–09:35** | **Marcin Cwielong (HABA-Beton Johann Bartlechner Sp. z o.o.)**
Complete program for the underground infrastructure of concrete and reinforced concrete
- 09:35–09:45** | **Jakub Hilarowicz, Marcin Firkowski (PPI CHROBOK S.A.)**
Possibilities of realizing exceedances in Direct Pipe technology based on completed projects
- 09:45–10:15** | **Jadwiga Królikowska, Tomasz Cichoń (Politechnika Krakowska, Miejskie Przedsiębiorstwo Wodociągów i Kanalizacji S.A. w Krakowie)**
Zonal metering of the water supply system as a tool for detection of water supply network failure and connections
- 10:15–10:45** | Coffee break and time for visiting the exhibition

SESSION 6 | **Chief of meeting: Jadwiga Królikowska, Andrzej Kuliczkowski, Michał Sitarski, Stanisław Nogaj**

- 10:45–11:15** | **Wojciech Dąbrowski (Politechnika Krakowska)**
Problematic drainage of sewage excavations
- 11:15–11:35** | **Emilia Kuliczkowska, Katarzyna Bąba (Politechnika Świętokrzyska)**
The results of video surveys of sewage pipes in the field of operational damage
- 11:35–11:55** | **Emilia Kuliczkowska, Michał Sitarski (Politechnika Świętokrzyska)**
Changes in the safety factor of concrete sewer pipes due to abrasion of their bottom
- 11:55–12:15** | **Anna Parka (Politechnika Świętokrzyska)**
Establishing the urgency of renewal of water pipes using the AHP method
- 12:15–12:45** | **Andrzej Kuliczkowski, Emilia Kuliczkowska, Stanisław Nogaj (Politechnika Świętokrzyska)**
25 years of using trenchless technology for replacement of underground ducts in Poland
- 12:45–13:00** | Discussion and conclusion of the meeting rooms
- 13:00–14:00** | Lunch