



More information
www.nodigpoland.pl



9th Conference

Trenchless Technology NO-DIG POLAND

NDP 2020

Kraków, 22–24 April 2020



WORKSHOP, 22/04/2020
Zakład Uzdatniania Wody Bielany



CONFERENCE, 23–24/04/2020
Hotel Novotel Kraków City West



Ladies and Gentlemen,

I would like to invite you to take part in **9th Conference on Trenchless Technology NO-DIG POLAND 2020**, which will take place on **23rd-24th April 2020 in Krakow**. The change of the venue was made for the comfort of our kind guests, the conference participants. The new location will surely be more convenient, especially for foreign participants and companies. 9th edition of the conference – thanks to extensive scientific sessions and the opportunity to learn about the latest technologies – is going to highlight the growing importance of trenchless technologies, which make the development of the infrastructure in the country easier.

For the first time this year, there will be organized technical workshops, which will be entirely devoted to the subject of correct realization of auctions for trenchless cable rehabilitation, co-organized by Polish Foundation of Trenchless Technology and Kraków Waterworks.

I am convinced that the workshops will meet your expectations and, becoming a source of practical knowledge, will contribute to even greater use of trenchless technologies. The effect of cooperation with Kraków Waterworks is also a substantive contribution to the organized event, thanks to which the conference program is even richer.

Let's meet in Krakow, the city with unique history and, at the same time, open to innovations. Krakow is investing in life comfort of the residents, nature protection by using trenchless technologies for realization of numerous infrastructural investments.

I wish us all that the conference would inspire us for further active popularization of trenchless technologies by using it in future realizations!

prof. dr hab. inż. Andrzej Kuliczkowski

Professor of the Kielce University of Technology
Past Chairman of the PFTT Board
Chairman of the scientific conference



ORGANIZERS:



Faculty of Environmental, Geomatic and Energy Engineering and Faculty of Civil Engineering and Architecture
Kielce University of Technology



Polish Foundation for Trenchless Technology, associated in International Society for Trenchless Technology



WOD-KAN Consulting



Publishing house nbi media



City of Krakow

SCIENTIFIC PATRONAGE:



prof. dr hab. Eng. Wiesław Trampczyński
Rector of the Kielce University of Technology



prof. dr hab. Eng. Tadeusz Słomka
Rector of the AGH University of Science and Technology



prof. dr hab. Eng. Jan Kazior
Rector of the Cracow University of Technology



Kraków Waterworks

SUBSTANTIVE PATRONAGE:

INDUSTRY PATRONAGE:



Louisiana Tech University



Trenchless Technology Center based in Louisiana



Buried Asset Management Institute - International



International Infrastructure Solutions, LLC



Polish Road Congress Association



Polish Chamber of Commerce for Roads



Association of Communication Engineers and Technicians of the Republic of Poland in Krakow

MEDIA PATRONAGE:



Future belongs to TRENCHLESS TECHNOLOGIES

9th Conference Trenchless Technologies NO-DIG POLAND 2020 is an extraordinary event, the aim of which is to promote trenchless technologies and innovations in the underground infrastructure.

The main organizer, **Kielce University of Technology**, is the leading University in trenchless techniques, which has been educating in this field for many years now. It is lead by a distinctive scientist, prof. dr. Hab. Eng. Andrzej Kuliczowski, the author of over 300 publications, the majority of which relate to trenchless technologies.

NO-DIG POLAND has for years been supported by **Polish Foundation of Trenchless Technology**, which is the member of the International Society for Trenchless Technology associating members from over 30 most advanced countries in the development of trenchless technologies.

The conference has been organized every 2 years since 2005. Each edition has gathered expert lecturers, both Polish and foreign. NO-DIG POLAND is participated by scientists, engineers, designers, executive companies and producers of materials and devices used in trenchless technologies.

Fast pace of construction works, lower costs and eco-friendliness, are only few among other numerous advantages, which evoked such a big interest for its use.

The topic of the conference NO-DIG POLAND 2020 covers the use of trenchless technology for design, construction and renewal of underground infrastructure in the water and sewage industry, gas, road and railway infrastructure, as well as trenchless construction of tunnels.

We will talk about it!

TOPICS TO BE DISCUSSED

- damage of pipelines, failure analysis reasons and consequences,
- condition of underground pipelines (assessment and management),
- operation and maintenance of pipelines,
- field and laboratory testing of pipelines,
- trenchless installation of underground pipelines: microtunnelling, pipe jacking and others (the examples of realization),
- trenchless rehabilitation of underground pipelines: repair, sealing, rehabilitation, replacement (the examples of realization),
- pipes used in trenchless technologies,
- materials used for repair and rehabilitation of pipelines as well as underground infrastructure installing,
- devices used in trenchless technologies,
- devices used for cleaning and diagnostics of underground pipelines,
- planning and designing of trenchless installation as well as rehabilitation of underground pipelines
- road culverts,
- large – scale tunneling i.a. underpasses for pedestrians, road and rail tunnels, metro,
- geotechnical aspects connected with design and implementation of underground structures.

The Scientific Committee

FORMED

- **Samuel T. Ariaratnam** – Arizona State University, professor, the past chairman of the ISTT, USA,
- **Adam Bolt** – Gdańsk University of Technology, professor, Poland
- **Marek Cała** – AGH University of Science and Technology, professor, dean of the Faculty of Mining and Geoengineering, Poland
- **Lidia Dąbek** – Kielce University of Technology, professor, director, Environmental Engineering, Geomatics and Power Engineering Faculty at Kielce University of Technology, Poland
- **Wojciech Dąbrowski** – Cracow University of Technology, professor, the PFTT Council member, Poland
- **Tom Iseley** – Louisiana Tech University, Trenchless Technology Center based in Louisiana, professor, USA,
- **Marek Iwański** – Kielce University of Technology, professor, the Dean of Faculty of Civil Engineering and Architecture, Poland
- **Lucie Karásková-Nenadállová** – Czech Technical University in Prague, Ph.D., Czech Republic,
- **Jari Kaukonen** – the chairman of the ISTT, Finland,
- **Barbara Kliszczewicz** – Silesian University of Technology, professor, Poland
- **Jadwiga Królikowska** – Cracow University of Technology, professor, Poland
- **Urszula Kubicka** – Kielce University of Technology, doktor, scientific secretary, Poland
- **Andrzej Kulickowski** – Kielce University of Technology, professor, the past chairman of the PFTT Board, the chairman of the scientific conference, Poland,
- **Emilia Kulickowska** – Kielce University of Technology, professor, the chairman of the organizing committee, Poland
- **Tetsuya Kusuda** – The University of Kitakyushu, professor, v-ce chairman of JSTT, Japan
- **Cezary Madryas** – Wrocław University of Technology, professor, the rector Wrocław University of Technology, Poland
- **Florian Grzegorz Piechurski** – Silesian University of Technology, Ph.D., Poland
- **Keh-Jian (Albert) Shou** – National Chung Hsing University, professor, Vice Chair of the ISTT, Taiwan,
- **Anna Siemińska-Lewandowska** – Warsaw University of Technology, professor, Poland
- **Robert Stein** – Dr.-Ing. Stein & Partner GmbH, Ph.D., Germany,
- **Antoni Tajduś** – AGH University of Science and Technology, professor, head of the Department of Geomechanics, Construction and Geotechnics, Poland
- **Rafał Wiśniowski** – AGH University of Science and Technology, professor, the Dean of Faculty of Drilling, Oil and Gas, the PFTT Council member, Poland
- **Adam Wysokowski** – University of Zielona Góra, professor, Poland
- **Tadeusz Żaba** – president of the Polish Foundation of Trenchless Technology (PFTT) since 2019, Kraków Waterworks, Poland.

Workshops – NO-DIG POLAND Academy

THE SOURCE OF KNOWLEDGE AND INSPIRATION

On the eve of the conference, 22nd April 2020, you're kindly invited to participate in the workshops: **correct execution of tenders for trenchless rehabilitation of ducts**

ADDRESSEES:

The workshops are addressed to employees of water supply and sewage disposal companies, road managers, representatives of local government units (city and poviats offices, municipalities); everyone who is involved in planning and implementing tenders for trenchless rehabilitation of ducts. We kindly invite the representatives of companies participating in tenders for trenchless rehabilitation of ducts, and all those who want to gain knowledge on the proper implementation of tenders for trenchless cable rehabilitation.

VENUE:

Bielany Water Treatment Plant, which is in operation of the Kraków Waterworks

299 Księcia Józefa Street
30-243 Krakow



Workshops
only in Polish



WHY YOU CAN'T MISS IT:

The participants of the workshops will gain practical knowledge and experience concerning:

- methods of trenchless cable rehabilitation and their proper selection
- correct preparation of the tender for trenchless rehabilitation
- managing the works during planned trenchless rehabilitation.

THE TRAINERS:

dr inż. Tadeusz Żaba, head of production at Kraków Waterworks, a research worker of the Department of Water Supply, Sewerage and Environmental Monitoring at the Faculty of Environmental Engineering of the Cracow University of Technology, president of the Polish Foundation of Trenchless Technology.

prof. dr hab. Eng. Andrzej Kulczkowski, head of the Department of Sanitary Networks and Installations at the Faculty of Environmental, Geomatic and Energy Engineering at the Kielce University of Technology, Polish Foundation of Trenchless Technology.

THE IDEA OF THE WORKSHOPS:

The workshops will consist of three complimentary panels:

- I.** How to choose the right method of trenchless rehabilitation?
- II.** How to prepare a correct tender for trenchless rehabilitation?
- III.** How to manage the works during trenchless rehabilitation?

The panels will include: case study analysis, a lecture, practical tasks to be solved in groups, discussion and summary.

Thanks to case study analysis, the participants of the workshops will have a chance to know a real-life examples and thus draw conclusions on the causes and the results.

The presented examples are to highlight theories and concepts worth implementing as well as the situations to be avoided. The participation will also allow for solving practical tasks in groups and give grounds for exchange of the experiences and observations during the time planned for discussion.

Apply for the competition

EXPERT 2020

Have you built an extraordinary construction?
Maybe a trenchless rehabilitation worth noticing?
Your products, devices or technologies are innovative?

LET OTHERS KNOW ABOUT IT - APPLY FOR THE COMPETITION EXPERT 2020!

During the conference, there will be awarded the EXPERT 2020 Statuettes. The statuettes are awarded to companies acting in the field of trenchless technologies for the innovations they made in the products as well as in technology for trenchless installation or rehabilitation of underground pipelines.

The Selection Board consists of the members of the Scientific Committee and Honorary Selection Board. The statuettes are awarded in recognition of realized innovative projects and products introduced to the market of trenchless industry.

SUBMIT YOUR COMPANY IN THE CATEGORY:

1. Trenchless installation in 2018–2019,
2. Trenchless rehabilitation in 2018–2019,
3. The innovative solutions in the range of devices, products or technology used for trenchless installation or rehabilitation as well as for diagnostics of underground pipelines in 2018–2019.

HOW TO APPLY?

- application is free of charge,
- the competition is open only for the companies participating in the conference NO-DIG POLAND 2020,
- companies and institutions may enter the applications on their own behalf only,
- the applications should have references, opinions and approvals attached (electronic version only),
- additional description, photos or drawings of the design should be attached (electronic version only),
- the application and attachments should be sent by 16th March 2020.



Sławomir Micek, the author of the EXPERT statuette, the sculptor, graduate of the Academy of Fine Arts in Krakow, member of the Association of Sculptors. The EXPERT statuette is made of bronze, it weighs ca. 5 kg, it is 40 cm tall and it looks really wonderful.

Sign up
TODAY!

ADDRESS THE CONFERENCE OFFICE:

nbi media
9 Zakopiańska Street
30-418 Kraków, Poland

CONTACT PERSON FOR THE COMPETITION EXPERT 2020:

Dr. eng. Justyna Lisowska
Mobile phone: +48 503 795 609
e-mail: justyna@tu.kielce.pl



The winners of the previous edition

The beauty of **TRENCHLESS TECHNOLOGY IN LENS**

The Publishing House nbmedi!a, the publisher of the magazine „Nowoczesne Budownictwo Inżynieryjne” and the organizer of the photo competition Trenchless technologies in lens, kindly invites to take part in the contest and to present the photos, which show possibilities of trenchless technologies.

THE AIM OF THE COMPETITION:

The main aim of the contest is promotion of trenchless technologies in Poland. Also by means of digital photography, showing them to numerous representatives of the industry.

TERMS AND CONDITIONS OF THE COMPETITION:

You can take part in the competition as long as you are a company or institution representative (e.g. investors, exploiters, water supply and sewage companies, contractors, producers and suppliers of materials as well as machinery and equipment, universities, research institutes).

HOW TO APPLY?

**The participation in the competition is free of charge.
The photos may be applied in 3 categories:**

1. Trenchless construction,
2. Trenchless rehabilitation (repair, renovation, reconstruction, replacement),
3. Trenchless TV inspection (pictures taken with a TV inspection camera during site inspection).

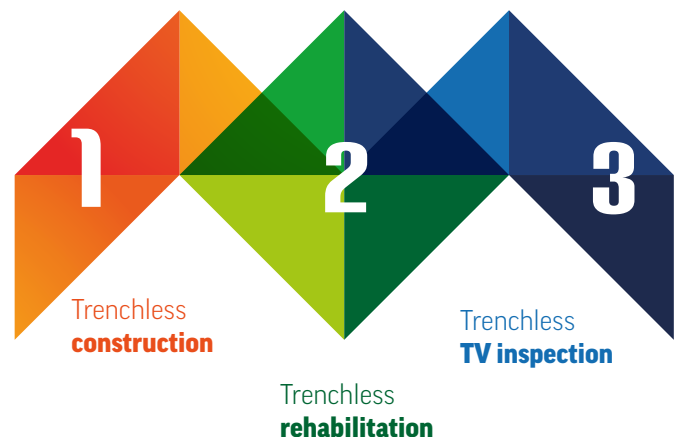
In each category, one first prize and one special prize will be granted.

THE PRIZES:

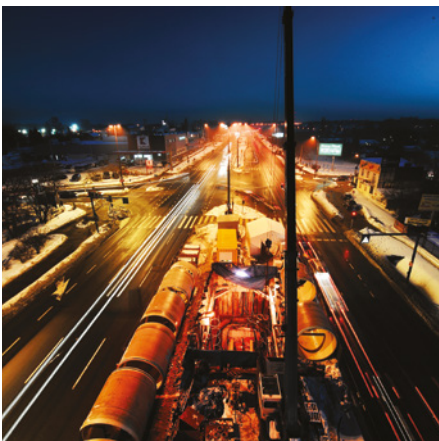
All the winner photos will be presented in magazine „Nowoczesne Budownictwo Inżynieryjne” and during the conference NO-DIG POLAND 2020 in Krakow. Besides, all the winners will be awarded with one-year free subscription of the magazine „Nowoczesne Budownictwo Inżynieryjne”, diplomas and small gifts.

IMPORTANT DATES:

- photos should be sent by 26th March 2020,
- competition finale is on 23rd April 2020, during the evening gala dinner at the NO-DIG POLAND 2020 in Krakow.



The winners of the previous edition



Location

MAGICAL KRAKOW

Krakow with its unique atmosphere is magnetic. In this historical capital of Poland, cradle of science and art., the spirit of the past is sensed not only in the cosmopolitan Main Square. Almost every nook and cranny of the city hides architectural wonders worth to be discovered.

THE CONFERENCE VENUE:

The conference will be held in Novotel Krakow City West Hotel (11 Armii Krajowej Street, 30-150 Cracow, Poland, www.accorhotels.com). This modern hotel is located only 5 km away from Central Railway Station and Coach Station as well as from the lively medieval Cracow Main Square.

Apart from comfortable interior and modern conference rooms, the guests may also use the attractions close to the hotel. The outdoor gym, the terrace in the garden with the view at the Kosciuszko Mound will be all at our guests' disposal.

Distance from the J. Paul II
Krakow-Balice International
Airport – about 7 km.

Distance from the
Krakow Central
Railway Station –
about 3,7 km.



These places are **WORTH VISITING**

Main Square and its undergrounds

(distance from Novotel Kraków City West – 3,3 km)

It is a unique place, designed in the middle of 13th century, soon became the main public space and for ages has been invariably the heart and soul of the city. Here the Cloth Halls and St. Mary's Basilica are located. But nearly all tenements houses are historical. If you want to see what was the Krakow Main Square like in the times of Mikołaj Kopernik, you'll need to go underground.

www.podziemiarnku.com

Wawel Royal Castle

(the distance from Novotel Krakow City West – 4 km)

Wawel Royal Castle together with the Wawel Hill is among the most historically and culturally significant monuments in Poland. It is one of the most important museums in the country, yet equipped with all modern solutions. 6 interactive multimedial stands offer comprehensive information about the Wawel Hill and the institution of Wawel Royal Castle.

www.wawel.krakow.pl

Jewish District Kazimierz

(distance from Novotel Krakow City West – 5 km)

A very special place, the history of which was shaped by a long-lasting Christian-Jewish vicinity. The district, which nowadays is culturally and artistically vibrant, is tempting especially for those who want to taste the bohemian atmosphere of Krakow.

www.krakow.pl

The Ghetto Heroes Square

(the distance from Novotel Krakow City West – 5,5 km)

In the years 1941 -1943, it was located within the ghetto. It was the place where jewish people were gathered before being transported to concentration camps. To commemorate those tragic events, there is an installation made of chairs, which is to symbolize German extermination of Jewish population during World War II.

www.krakow.pl

The Wieliczka Salt Mine

(the distance from Novotel Krakow City West – 16,5 km)

Close to Krakow you will find a world-class monument, listed as one of the first twelve objects on the UNESCO World Cultural and Natural Heritage List – Wieliczka Salt Mine. Centuries-old tradition is mixed here with modernity makes it one of the most valuable monuments in Poland, which is visited every year by over million tourists from all over the world.

www.wieliczka-saltmine.com

Cruise on the Vistula

The picturesque nooks of Krakow are worth to be discovered also from a different perspective. During the cruise on the Vistula, the city may be admired from the deck of the boat – by the daylight or by night. A 4-hour long cruise with audio-guide to Tyniec hill is also an attraction, during which you can learn interesting facts about the places seen from the deck. In Tyniec, you will also have a chance to visit the Benedictine Abbey. The cruises are organized by professional and experienced shipowner – Krakow Passenger Shipping.

www.rejsy.krakow.pl



Krakow in the lens



Conference Programme

WORKSHOP AND THE CONFERENCE

WEDNESDAY 22/04/2020 (WORKSHOP)

- 11:15–12:00 Workshops Registration
12:00–13:00 Lunch
13:00–14:30 Panel 1 – *How to choose the right method of trenchless rehabilitation?*
14:30–14:45 Coffee break
14:45–16:15 Panel 2 – *How to prepare a correct tender for trenchless rehabilitation?*
16:15–16:30 Coffee break
16:30–18:00 Panel 3 – *How to manage the works during trenchless rehabilitation?*
18:00–18:15 Summary and handing out certificates
18:15 Departure to Novotel Krakow City West Hotel
19:30–20:30 Dinner at Novotel Krakow City West Hotel

Venue of the WORKSHOP

Bielany Water Treatment Plant, which is in operation of the Kraków Waterworks

299 Księcia Józefa Street

30-243 Cracow

www.en.wodociagi.krakow.pl

Language of the workshop:
Only Polish.



THURSDAY 23/04/2020 (DAY ONE OF THE CONFERENCE)

- 08:00–09:00 Conference Registration
09:00–09:30 Opening session – inauguration speech
09:30–11:00 Session 1
11:00–11:30 Coffee break
11:30–13:00 Session 2
13:00–14:30 Lunch
14:30–16:00 Session 3
16:00–16:30 Coffee break
16:30–18:00 Session 4
20:00–24:00 Gala dinner with the ceremony of awarding the EXPERT 2020 statuettes followed by awarding memorial plaques to the sponsors of the conference

Venue of the CONFERENCE

Novotel Krakow

City West Hotel *****

11 Armii Krajowej Street

30-150 Cracow

www.accorhotels.com

Language of the conference:

Both English and Polish are official languages during the conference (with simultaneous interpretation during the lectures).



FRIDAY 24/04/2020 (DAY TWO OF THE CONFERENCE)

- 09:00–10:45 Session 5
10:45–11:15 Coffee break
11:15–12:45 Session 6
12:45–13:00 Summary, end of the conference
13:00–14:00 Lunch

More information
www.nodigpoland.pl



5 crucial reasons, **TO BE HERE:**

- N**ewest solutions and trends in trenchless technology
- O**ccasion to visit Cracow, one of the most beautiful cities in Europe
- D**istinguished speakers, authorities in the industry
- I**deal conditions for networking
- G**lobal character of a meeting with international experts



➤ Sign up
TODAY!

ADDRESS THE CONFERENCE OFFICE:

nbi med|a
9 Zakopiańska Street
30-418 Kraków, Poland

SERVICE INTERNATIONAL PARTICIPANTS AND SPONSORS:

Sabina Mielczarska
e-mail: contact@nodigpoland.pl

CONFERENCE 23-24/04/2020

1290 PLN/pp

The price includes:

- 2 days of conference (plus visiting the exhibition),
- a set of conference materials (including CD),
- post-conference certificate,
- coffee breaks (23-24/04),
- lunch breaks (23-24/04),
- gala dinner (23/04).

All the prices are nett amount,
23% of VAT must be added.
The participation price does not include
accommodation costs or parking fees.

WORKSHOPS + CONFERENCE 22-24/04/2020

1690 PLN/pp

The price includes:

- 5 hours of intensive workshops conducted by professionals,
- 2 days of conference (plus visiting the exhibition),
- a set of training materials (notebook, pen, group-work cards)
- set of conference materials (including CD),
- possibility of post-conference e-mail consultations with the trainers,
- 2 certificates,
- coffee breaks (22-24/04),
- lunch breaks (22-24/04),
- dinner (22/04)
- gala dinner (23/04).

WORKSHOPS 22/04/2020

590 PLN/pp

The price includes:

- 5 hours of intensive workshops conducted by professionals,
- a set of training materials (notebook, pen, group-work cards),
- possibility of post-conference e-mail consultations with the trainers,
- certificate,
- coffee breaks (22/04),
- lunch (22/04),
- dinner (22/04).



Apply faster
online!



Let's meet **IN APRIL IN KRAKOW!**

> Sign up
TODAY!

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nbi media
9 Zakopiańska Street
30-418 Kraków, Poland

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e-mail: contact@nodigpoland.pl

