



2nd International Conference "Tunnels construction and operations"

Wroclaw, January 21-22, 2020

Hotel Novotel Wroclaw City, ul. Racing 35

Agenda (as of Nov.26th)

January 21 (Tuesday)

12:00 Session I New tunnel projects in Poland

Opening remarks - **Zbigniew Kotlarek**, President of Polish Road Congress, **Lidia Markowska**, director of the GDDKiA Branch in Wrocław

Speeches by invited guests

Results of the work of the PIARC Road Tunnels Operations Technical Committee in 2016-2019 - **Rafael Lopez Guarga**, chief engineer of the State Highways Board in Aragon, secretary of TCD5

Current problems of tunnel housing design in southern Poland - prof. **Marek Cała**, prof. Antoni Tajdus, dr Agnieszka Stopkowicz, AGH University of Science and Technology in Krakow

Tunnels along the S-19 expressway in Podkarpacie - prof. **Tomasz Siwowski**, Rzeszow University of Technology, Krzysztof Czarnik, Promost Consulting

Questions and Answers, discussion

13:45 lunch

14:30 session II TS26 tunnel: a challenge for the investor, designer and contractor

Tunnel projects in the area of operation of the GDDKiA Branch in Wrocław - **Lidia Markowska**, director of the GDDKiA branch in Wrocław

NATM: Principles in design and construction - prof. **Robert Galler**, University of Montan in Leoben, Austria

Experience in the implementation of NATM/TBM tunnels within the context of the construction of the TS26 road tunnel along the Bolków - Kamienna Góra Północ S3 expressroad " - **Arthur Geobl** PORR Tunnelbau

Challenges in the design of the TS26 road tunnel along the Bolków - Kamienna Góra Północ section of the S3 expressroad - **Michael Proprenter**, IC-Consultanten, chief designer

Questions and Answers, discussion

16:15 coffee break

16:45 session III Tunnels safe for people and the environment

Life Cycle Costs in tunnels and comparison of ventilation systems in European countries - **Gerd Holzer**, Dieter Pejrimovsky, Bernhard Hoepfberger

Fires of fuel spills, lithium-ion batteries and technical gases and their spread on various road surfaces - prof. **Jerzy Ejsmont**, Gdańsk University of Technology

Selection of ventilation system in fire conditions in a road tunnel – prof. **Marek Borowski**, AGH University of Science and Technology in Krakow

Environmental protection against vibration in the case of communication tunnels - prof. **Krzysztof Stypuła**, Cracow University of Technology

Questions and Answers, discussion

19:30 gala dinner

January 22 (Wednesday)

10:00 session IV Tunnel and a city

Design and formal and legal aspects of building drainage on the example of urban communication tunnels - dr **Rafał Kuszyk**, prof. Anna Siemińska-Lewandowska, Warsaw University of Technology

Road tunnel in the urban area on the example of a tunnel project along the S-2 express road on the section of the Warsaw Southern Bypass - **Maciej Kieniewicz**, Director of Pracownia Mostów Transprojekt Warszawa

Possibility of constructing a metro in the Krakow AGH area - **Krzysztof Ostrowski**, Cracow University of Technology

Questions and Answers, discussion

11:30 coffee break, check out

12:00 session V Tunnel and water

Underwater tunnel in Świnoujście: design and implementation challenges - **Julita Borkowska**, GDDKiA Branch in Szczecin

Construction of the tunnel in Świnoujście from the contractor's point of view - a representative of the Gülermak Agir Sanayi Insaat ve Taahhüt AS (Turkey) company

Selection of waterproofing in tunnel objects in the context of tightness and durability - **Krzysztof Śleszycki, Wojciech Buczek**, SIKA Poland

13:30 lunch, closing of the meeting