

4th INTERNATIONAL TUNNELING FORUM

01.02.2022 - 03.02.2022

Wroclaw, Novotel City

1st of February

18:00 Welcome dinner

2nd of February

9:00-9:30 Opening session

9:30-10:30 Introductory session

Panel discussion - Current issues and problems in tunnels - representatives of: Science, Investor, Fire Brigade, Contractor, ...

10.30-10.45 coffee break

10:45-12:15 Session I Underground space and sustainable development

- Global trends in tunnel construction
- carbon footprint in tunnel construction
- PIARC Tunnel Manual
- World and national benchmarks and standards in tunnels

12:15-12:30 coffee break

12:30-14:00 Session II Tunnel construction methods

- Surfaces in tunnels
- Bolkow tunnelling methods
- Tunnel design - geodesy

14.00-14.45 Lunch

14.45-14.15 Session III Tunnel equipment

- Communication in tunnels
- Ventilation
- Surfaces in tunnels

16.15-16.30 coffee break

16.30-18.00 Session IV Safety systems in tunnels - commissioning, testing, systems

- fire service - fire brigade

- Central Mining Authority

- Adaptation of ventilation system to the fire power (PIARC)

19:00 Gala Dinner

3rd of February

9:00-12:00 Technical visit - S3 Bolków–Kamienna Góra Północ tunnel construction site

12:00- 13:00 lunch