

ZPEVŇOVÁNÍ,
TĚSNĚNÍ A KOTVENÍ
HORNINOVÉHO
MASIVU
A STAVEBNÍCH
KONSTRUKCÍ



REINFORCEMENT,
SEALING AND
BOLTING OF THE
ROCK MASS AND
ENGINEERING
CONSTRUCTION

PROGRAMME

25th International Colloquium

Reinforcement, Sealing and Bolting of the Rock Mass and Engineering Construction 2020

05. - 06. 03. 2020

Assembly Hall VSB-TU Ostrava, 17. listopadu 2172/15, 708 00 Ostrava-Poruba, CZ

Organized under the auspices of The Czech Tunnelling Association ITA-AITES,
The Czech Chamber of Authorized Engineers and Technicians, chairman of The Czech Mining Authority

VŠB TECHNICKÁ
UNIVERZITA
OSTRAVA

FAKULTA
STAVEBNÍ





05. - 06. 03. 2020 | OSTRAVA

THURSDAY 5th MARCH 2020 – MORNING PROGRAMME

08.00 - 09.00 **REGISTRATION OF PARTICIPANTS** – Assembly Hall VSB-TU Ostrava

09.00 - 09.20 **OPENING CEREMONY**

Chairman: Ing. Petr Kučera

09.20 - 09.40	Ing. Ota Sabela, <i>OKD, a.s.</i> Bohdan Pokluda, <i>OKD, a.s.</i> Ivo Kabourek, <i>OKD, a.s.</i> Ing. Petr Vratislavský, <i>Minova Bohemia s.r.o.</i>	UNCONVENTIONAL WAYS OF USAGE LDIT IN THE LONGWALL FACES
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09.40 - 10.00	Ing. Jiří Šach, <i>Metrostav a.s.</i> Ing. Walter Mai, <i>Metrostav a.s.</i>	CABLE TUNNELS BERGEN – SEALING AND ROCK-IMPROVING GROUTING
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10.00 - 10.20	Ing. Jiří Korběl, <i>OKD, a.s.</i> Ing. et Ing. Pavel Dvořák, Ph.D. <i>Minova Bohemia s.r.o.</i>	NEW KNOWLEDGE AND DEVELOPMENT TRENDS OF BOLTING TECHNOLOGIES IN OKD, INC. DEEP COAL MINES
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10.20 - 10.30 **DISCUSSION**

10.30 - 11.00 **COFFEE BREAK**

Chairman: doc. RNDr. Eva Hruběšová, Ph.D.

11.00 - 11.20	Benny Chen, <i>GroundProbe Pty Ltd</i> Louis-Philippe Gélinas, <i>Agnico Eagle Mines Limited</i>	REAL-TIME IN-SITU TECHNOLOGY FOR GROUND SUPPORT CONSTRUCTION
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11.20 - 11.40	Ing. Václav Dohnálek <i>Subterra a.s.</i>	SECURING EXCAVATION PIT STABILITY USING SHOTCRTING TECHNOLOGY
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11.40 - 12.00	Ing. Peter Kocnár <i>Minova Bohemia s.r.o., organizační zložka Žilina</i>	SUGGESTIONS FOR IMPROVING THE PREPARATION OF GROUTING IMPLEMENTATION
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12.00 - 12.15 **DISCUSSION**

12.15 - 13.20 **LUNCH**

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THURSDAY 5th MARCH 2020 – AFTERNOON PROGRAMME

Chairman: Ing. Petr Čada, Ph.D.

13.20 - 13.40	Ing. Jaroslav Lacina <i>Amberg Engineering Brno, a.s.</i> Ing. Mária Tarbajová <i>Amberg Engineering Brno, a.s.</i>	REFURBISHMENT OF THE Š5 SHAFT OF THE PRIMARY UTILITY TUNNEL IN BRNO
13.40 - 14.00	Ing. Štefan Sukeník <i>Minova Bohemia s.r.o.</i>	DEEP FOUNDATION OF CONSTRUCTION EXECUTED ON SELF – DRILLING MICROPILES R 51L
14.00 - 14.20	Ing. Václav Hrachovina, <i>STRABAG Rail, a.s.</i> Ing. Martin Galvánek, <i>STRABAG Rail, a.s.</i> Ing. Stanislav Starzyczny, <i>STRABAG Rail, a.s.</i>	ROAD I/44 – SECURING THE SLOPE IN KM 43,108-43,168
14.20 – 14.40	Petr Bartík, <i>OKD, a.s. Útlum Jih</i> Ing. Robert Duchoň, <i>OKD, a.s. Útlum Jih</i> Ing. Peter Jančí, <i>OKD, a.s. Útlum Jih</i>	ISSUES OF TECHNICAL LIQUIDATION OF MAIN MINING SHAFTS OF THE FORMER PASKOV MINE
14.40 – 14.50	DISCUSSION	
14.50 - 15.20	COFFEE BREAK	
Chairman: Ing. Ondřej Šilhan, Ph.D.		
15.20 - 15.40	Ing. Peter Puzder, <i>Ingstav GV s.r.o. Prešov</i> Peter Berczi, <i>Ingstav GV s.r.o. Prešov</i>	MEASUREMENT OF VIBRATION EFFECTS OF PILE DRIVING AT RUSKA STREET IN VITKOVICE
15.40 - 16.00	Ing. Petr Čada, Ph.D., <i>Minova Bohemia s.r.o.</i> Ing. Jiří Golasowski, Ph.D., <i>OKD, a.s.</i> Ing. Zdeněk Sembol, <i>OKD, a.s.</i>	USE OF ANDRIBOT DRILLING CAR IN OKD, A.S. DURING THE EXCAVATION SITE NR. 400 042 AT NORTH CSM
16.00 - 16.20	Ing. Ján Jankula <i>Hornonitrianske bane Prievidza, a.s.</i>	EVAULATION OF COOPERATION BETWEEN MINOVA AND HBP, A.S.
16.20 - 16.40	Peter Assinder <i>Minova International Ltd.</i>	A LOOK BACK AT GROUND SUPPORT TECHNOLOGY INTRODUCTIONS OVER THE LAST 25 YEARS AND A LOOK FORWARD TO THE NEXT 25 YEARS
16.40 - 16.50	DISCUSSION	
18.30 - 23.00	SOCIAL EVENING – HOTEL IMPERIAL OSTRAVA	

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FRIDAY 6th MARCH 2020 – MORNING PROGRAMME

Chairman: doc. Ing. Karel Vojtasík, CSc.

09.00 - 09.20	Dipl.-Ing. Michael Auer <i>J. Krismer Handelsgesellschaft m.b.H</i> Ing. Filip Tůma, <i>STRIX Chomutov a.s.</i>	SLOPE STABILIZATION BY 3D TECHNOLOGY KRISMER
09.20 - 09.40	Mateusz Kałuża, MSc, CEng <i>Silesian University of Technology Gliwice</i> Miroslaw Kotasiński, PhD, Eng <i>Silesian University of Technology Gliwice</i>	INFLUENCE OF GEOSYNTHETIC REINFORCEMENT LOCALIZATION IN FLEXIBLE PAVEMENT ON ITS EFFECTIVENESS UNDER THE IMPACT OF MINING SUBSIDENCE
09.40 - 10.00	Adrian Ciolczyk PhD, Eng <i>Silesian University of Technology Gliwice</i> Konrad Walotek, MSc, Eng <i>Silesian University of Technology Gliwice</i> Krzysztof Kamiński <i>Silesian University of Technology Gliwice</i>	QUALITY AND PRECISION CONTROL IN CLAMPING INTERLAYERS WORKS, WITH THE USE OF LUMINOPHORE
10.00 - 10.10	DISCUSSION	
10.10 - 10.50	COFFEE BREAK	

Chairman: doc. RNDr. Eva Hruběšová, Ph.D.

10.50 - 11.10	doc. Ing. Karel Vojtasík, CSc. <i>VŠB – TU Ostrava, Fakulta stavební</i> doc. Dr. Ing. Jan Bódi, <i>GME s.r.o.</i>	EXPERIMENTAL DETERMINATION OF BEARING CAPACITY OF GEOPUR® TECHNOLOGIES MICROPILOT BY LOAD TEST
11.10 - 11.30	Przemysław Rokitowski PhD, CEng. <i>Silesian University of Technology Gliwice</i>	OVERVIEW OF OPTIC FIBER SENSORS APPLICATIONS IN ROAD AND GEOTECHNICAL STRUCTURES
11.30 - 11.50	Ing. Štefan Sukeník, <i>Minova Bohemia s.r.o.</i>	USAGE OF COMPOSITE MATERIALS IN GEOTECHNICS AND CIVIL ENGINEERING
11.50 - 12.00	DISCUSSION	
12.00 - 12.15	CLOSING CEREMONY	