

**THURSDAY, JUNE 7**

08:30-09:30	Registration of participants – reception of Hotel BELTINE	
09:30-10:00	Opening ceremony, organizational information, salutation of organizers and general partner – conference hall	
10:00-10:35	Ove Stephansson & Arno Zang	WORLD STRESS DATABASES AND ROCK STRESS MODELS AS RESOURCES FOR ROCK MECHANICS AND ROCK ENGINEERING
10:35-11:10	Jan Drzewiecki & Janusz Makówka	DIRECTED ROCK MASS FRACTURING AHEAD OF LONG WALL FACE AS A CONSEQUENCE OF THE INTENSITY OF EXPLOITATION
11:10-11:35	4th Colloquium participants photography (in front of the hotel), Coffee break (conference hall)	
11:35-11:55	Naj Aziz et al.	PERMEABILITY AND VOLUMETRIC CHANGES IN COAL UNDER DIFFERENT TEST ENVIRONMENT
11:55-12:15	Renata Patyńska	THE CONSEQUENCES OF THE ROCK BURSTS HAZARD IN THE SILESIA COMPANIES IN POLAND
12:15-12:35	Jan Nemcik et al.	STABILISING ROCK SURFACES WITH A GLASS REINFORCED POLYMER SKIN
12:35-12:55	Zbigniew Niedbalski et al.	MONITORING OF STAND-AND-ROOF-BOLTING SUPPORT: DESIGN OPTIMIZATION
12:55-13:15	Hisafumi Aasaue et al.	CLARIFYING GEOLOGICAL STRUCTURE FOR COAL AND MARSH GAS DEVELOPMENT USING MAGNETOTELLURIC METHOD
13:15-14:15	Lunch – hotel restaurant	
14:15-14:50	Yuzo Obara et al.	CROSS-SECTIONAL BOREHOLE DEFORMATION METHOD (CBDMM) FOR MEASUREMENT OF ROCK STRESS CHANGE AND ITS APPLICATION
14:50-15:25	Gregorz Mutke	REGISTRATIONS OF SEISMIC FOCI UNDER MINING COAL SEAM THE EXPERIENCE OF POLISH MINES
15:25-15:40	Coffee break (conference hall)	
15:40-16:00	Piotr Małkowski & Zbigniew Niedbalski	STRUCTURAL CHANGES OF ROCKS SUBJECTED TO HIGH TEMPERATURES AND THEIR IMPACT ON THERMAL PARAMETERS
16:00-16:20	Milan Hokr et al.	NUMERICAL MODELLING OF STRESS INFLUENCE TO FLOW AND TRANSPORT IN FRACTURED ROCK
16:20-16:40	Česlav Nastulczyk et al.	VYUŽITÍ GEOMECHANICKÝCH PARAMETRŮ JAKO ZÁKLADU PRO OPTIMALIZACI KONTROLY NADLOŽÍ A PROJEKTOVÁNÍ VÝZTUŽE V PODMÍNKÁCH DOLŮ OKD, A.S.
16:40-17:00	Milan Brož et al.	GEOPHYSICAL AND GEOMECHANICAL MONITORING OF THERMAL EXPERIMENT AT THE JOSEF GALLERY IN MOKRSKO
17:00-17:20	Josef Holečko & Gregorz Mutke	THE MINING SEISMICITY INFLUENCE ON SURFACE IN OSTRAVA-KARVINÁ COALFIELD - FIRST RESULTS OF MONITORING WITH NEW SEISMIC NETWORK
17:20-19:00	Relax time - wellness centre and swimming pool	
19:00-24:00	Social evening – Walachia shed	



THURSDAY, JUNE 7

PARALLEL POSTER SESSION

Marek Mikoláš & Eva Jiráňková	DIMENSIONING PILLARS FOR MINING METHOD ROOM-PILLAR IN PROTECTION PILLARS OF SHAFT CSM NORTH MINE
František Kuda & František Hubatka	3D VISUALISATION OF GPR DATA IN VOXLER SOFTWARE
Zdeněk Vašek et al.	STEEL MINE SUPPORTS
Leona Vavro & Kamil Souček	FRACTURE TOUGHNESS – A PARAMETRIC STUDY

10:00 – 13:05	Chairman of morning session: Josef Holečko
	Presentation equipment operation: Vlastimil Kajzar & Radovan Kukutsch

14:10 – 17:15	Chairman of afternoon session: Jan Drzewiecki (Lubomír Staš)
	Presentation equipment operation: Vlastimil Kajzar & Radovan Kukutsch

- **Keynote lectures – 30 minutes + 5 minutes discussion.**
- **Lectures – 15 minutes + 5 minutes discussion.**



## FRIDAY, JUNE 8

08:00-09:30	Breakfast – hotel restaurant	
9:30-09:50	Martin Stolárik & Radovan Kukutsch	ANALYSIS OF TRANSFER CONSTANTS BASED ON SEISMIC MEASUREMENTS IN TUNNELS ON THE RAILWAY CORRIDOR IV
09:50-10:10	Karel Holub et al.	INDUCED SEISMIC ACTIVITY IN THE SOUTHERN PART OF THE OSTRAVA-KARVINÁ COAL MINES
10:10-10:30	Gábor Ladányi & Ervin Nagy	COMPUTERIZED MODEL SUPPORTING OPTIMIZATION OF DRIVE FOR THE BELT CONVEYOR SYSTEM IN OPENCAST MINING
10:30-10:50	Jiří Ptáček et al.	STRUCTURAL ANALYSIS IN THE ROCK MASS BETWEEN ROŽNÁ AND OLŠÍ URANIUM DEPOSITS (STRÁŽ MOL DANUBICUM) FOR STRESS FIELDS INTERPRETATION IN THE REGION OF UNDERGROUND GAS STORAGE
10:50-11:10	Eva Jiráňková et al.	MECHANISM OF RIGID OVERLAYING STRATA FAILURE IN FACE MINING IN CONDITIONS OF MULTISEAMS CARBONIFEROUS DEPOSITS
11:10-11:25	Coffee break (conference hall)	
11:25-11:45	Zdeněk Kaláb et al.	APPLICATION OF ROTATIONAL SENSOR FOR MONITORING OF MINING INDUCED SEISMIC EVENTS IN KARVINA REGION
11:45-12:05	Jiří Havaj et al.	CURRENT RESULTS AND STATUS OF TESTING “STATIONARY ROTATIONAL – SLIDING TUBES SYSTEM (DRR)” IN OKD COAL MINES TERMS
12:05-12:25	Lenka Bodnářová et al.	EFFECT OF HIGH TEMPERATURES ON CEMENT COMPOSITE MATERIALS IN CONCRETE STRUCTURES
12:25-12:45	Jiří Štáštka & Zbyněk Kaisr	IN SITU PHYSICAL MODEL OF A CLAY BARRIER
12:45-13:05	Petr Waclawik et al.	SOME POSSIBILITIES OF TECTONIC AND STRESS ANALYSIS APPLICATION IN MINING IN THE UPPER SILESIA COAL BASIN
13:05	Closing ceremony – conference hall	
13:20-14:20	Lunch – hotel restaurant	

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<b>9:30 – 13:05</b>	<b>Chairman of morning session: Yuzo Obara (Kamil Souček)</b>
	<b>Presentation equipment operation: Vlastimil Kajzar &amp; Radovan Kukutsch</b>

