

Geo3M day

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Geo3M: Workshop on mechanics, materials and modelling

Institute of Geonics AS CR, Ostrava, February 2, 2016

Workshop programme

8:30-9:00	Registration
9:00-9:15	R. Blaheta: Welcome address and workshop overview
9:15-10:00	H. Konietzky: Overview on the research activities of the Geotechnical Institute at TU Bergakademie Freiberg
	Coffee break
10:30 -11:15	H. Konietzky: Micromechanics of rocks: laboratory testing and numerical simulations
11:15 – 12:00	R. Blaheta: Modelling of coupled THM processes with overview of research activities of the mathematic modelling team at the Institute of Geonics
	Lunch break
13:30 – 14:45	H. Konietzky: Deep geothermal energy
14:45 – 15:15	K. Souček: X-ray CT applications: pore space and micromechanics
	Coffee break
15:45 – 16:15	J. Foldyna: Research on water jet applications
16:15 – 16:30	P. Koníček: In situ stress and measurement of its changes in coal mining.
16:30 – 17:00	Z. Rakowski: Mechanical model of the geogrid and granular material interaction
	Closing the lecture part of the workshop
	Excursion to the laboratories of the Institute of Geonics