

ICYG 2016

Svätý Jur, Slovakia; April 14th - 16th 2016

List of presentations:

- 1/ **Müge Atalar**, Marianna Kováčová, Mine Sezgül Kayseri Ozer, Torsten Utescher:
Late Messinian palynoflora from Central Anatolian Plateau (Çankırı Basin).
- 2/ **Vladimír Bilohuščin**, Pavel Uher:
Ludwigite-group minerals and szaibélyite: rare borate minerals from Vysoká – Zlatno skarn, Štiavnica stratovolcano, Slovakia.
- 3/ **Štěpán Chládek**, Karel Breiter, Pavel Uher:
Composition of Nb-Ta-Ti-Sn-W oxide minerals: indicators of magmatic to hydrothermal evolution of the Cínovec granite intrusion and Sn-W deposit (Czech Republic).
- 4/ **Natalija Ćirica**, Kristina Milićević:
Evaluation of geothermal potential of Mataruška banja spa (central Serbia) thermal mineral water.
- 5/ **Dominika Czapla**, Lucyna Natkaniec-Nowak, Przemysław Drzewicz:
Microhardness as a method for investigation of fossil resins.
- 6/ **Maciej Dwornik**, Anna Franczyk, Krzysztof Krawiec:
Analysis of stability levee during different flooding wave stages
- 7/ **Karol Faehnrich**, Karolina Kościńska, Jarosław Majka, Maciej Dwornik:
How fluids infiltrate through fractures and change metamorphic rocks - a case study from northern Spitsbergen.
- 8/ **Tomáš Fuksi**:
Differences in shell size of the bivalve Varicorbula between marginal parts of the Vienna and Danube basins.
- 9/ **Paweł Godlewski**, Marek Wendorff, Andrzej Świąder:
Compositional differences between Besko and Otryt sandstones of the Krosno Beds (Oligocene) in Eastern part of the Silesian Tectonic Unit.
- 10/ Anna Twaróg, **Piotr Guzy**, Henryk Sechman:
Measurement of methane flux in the selected area of the Polish Outer Carpathians - preliminary research.
- 11/ **Janis Ivanovs**, Maris Krievans:
Using LIDAR topography data for determination of Morphology and Terrace Levels of the River Ogre Valley in Middle Latvia Lowland.
- 12/ **Mateusz Jabłoński**, Wojciech Jaśkowski:
The usage of telemetry measurements methods in order to determine shaft tube deformations caused by natural and anthropogenic rock mass movements.



ICYG 2016

Svätý Jur, Slovakia; April 14th - 16th 2016

- 13/ **Mateusz Jabłoński**, Tomasz Lipecki, Wojciech Jaśkowski, **Agnieszka Ochalek**:
Virtual Underground City Osówka.
- 14/ Kamil Juško, Agata Kasprzak, **Damian Pietrzak**:
Water chemical composition characteristic in the upper part of the Sztola river.
- 15/ **Matija Kordić**, Miloš Milanković:
Analysis of the situation of the Euphrates-Tigris-Shatt Al Arab river system and possible solutions of the devastation of the ecosystem.
- 16/ **Klaudia Korzec**:
Hydrogeochemical characteristic of thermal waters in Bańska Nižna.
- 17/ **Anna Koteja**, Jakub Matusik:
Na-montmorillonite modified with ammonium salts and azobenzene as a photo-active nanomaterial.
- 18/ Vitalii Kulynych, **Michał Maruta**:
Modeling of air pollution related to the “V” natural gas deposit exploitation.
- 19/ **Piotr Kunecki**, Rafał Panek, Magdalena Wdowin:
Na-P1 zeolite synthesis and its crystalline structure ripening through hydro-thermal process using coal combustion by-products as substrates.
- 20/ **Przemysław Lisowski**:
Graph representation of geological stratum.
- 21/ **Johanna Holmberg**, Jarosław Majka, Iwona Klonowska:
Metamorphic conditions of the omphacite-garnet gneiss from Otrøy, Western Gneiss Region, Scandinavian Caledonides.
- 22/ **Hubert Malik**:
Capabilities of subsidence detection on mining areas in Upper Silesian Coal Basin using Sentinel-1A data acquired in Interferometric Wide Swath Mode.
- 23/ **Dmitriy A. Mamontov**, Olga A. Orlova:
Preliminary results from sculpture analysis of the apiculate miospores from the Upper Visean of Kaluga region, Russia.
- 24/ **Paulina Maziarz**, Jakub Matusik:
The influence of alkali concentration and temperature on chemical activation of halloysite.
- 25/ **Anna Mika**:
Using of statistical tools in hydrogeological researches.



ICYG 2016

Svätý Jur, Slovakia; April 14th - 16th 2016

- 26/ Barbara Muir, **Damian Andrunik**, Tomasz Bajda:
Molybdates and tungstates sorption on organo-smectites as a process controlled by the type and amount of surfactant.
- 27/ **Magdalena Wołowicz**, Barbara Muir, Tomasz Bajda:
Sorption of organic compounds by organo-zeolites.
- 28/ **János Nádas**, Viktor Mádai, János Földessy:
Evaluation of geochemical anomalies detected in the Boda Claystone Formation
- 29/ **Jakub Nedvěd**:
A new approach in skin effect and storativity estimation from pumping test data with low pumping rates.
- 30/ **Piotr Opido**, Andrzej Leśniak:
The comparison of using satellite SAR and optical data in the process of urban growth monitoring.
- 31/ **Aleksey Pakhalko**, Aleksey Krylov, Elena Mirolyubova, Ekaterina Taldenkova, Pavel Rekant:
First discovers of Pleistocene authigenic carbonate crusts (ACC) at the Mendeleev Rise, Arctic Ocean.
- 32/ **Pavolová Henrieta**, Bakalár Tomáš, Sabo Štefan, Puškárová Petra:
Adsorption efficiency of selected natural and synthetic sorbents.
- 33/ Maciej Pawlikowski, Maciej Manecki, Dawid Kozień, Edyta Waluś, Aleksandra Borecka, Jacek Stanisław, **Michał Pękala**, Monika Kiecana:
Characteristics of soil of "Józefka" deposit overlay, Kielce District.
- 34/ **Damian Pietrzak**:
Assessment of the quantitative and chemical groundwater status of the Łukowica river catchment area.
- 35/ **Marta Polak**, Bożena Gołębiowska, Grzegorz Rzepa:
Manganese oxides from Zalas, Kraków area, southern Poland.
- 36/ **Marina Poledica**, Danica Stevanović:
Proposal of new monitoring network of water bodies of karst groundwater in Serbia.
- 37/ **Maria Młynarska**, **Bartosz Puzio**, Monika Kwaśniak-Kominek, Maciej Manecki:
The effect of Ca-Pb and P-As substitutions on the solubility of hydroxylapatites.



ICYG 2016

Svätý Jur, Slovakia; April 14th - 16th 2016

- 38/ **Sergey Vladimirovich Rud'ko**, Anton Borisovich Kuznetsov, Boris Glebovich Pokrovsky:
 $\delta^{13}\text{C}$ variation in carbonate platform sediments of the Northern Tethys in Late Jurassic.
- 39/ **Vladimír Šimo**, Dušan Starek:
Analysis of the trace fossils from Paleogene formations of the Central Western Carpathian (Orava region).
- 40/ **Urszula Solecka**, Sylwia Zelek & Tomasz Bajda:
The Rietveld refinement studies of pyromorphite-vanadinite and mimetite-vanadinite solid solution series.
- 41/ **Jacek Stanisław**, Jarosław Kos, Marta Kumorowska, Maria Kaczmarzyk:
The influence of root system on slope stability in the view of numerical analysis.
- 42/ Andrzej Pasternacki, **Eryk Święch**, Tomasz Maćkowski:
Seismic modelling as a tool for optimization of downhole microseismic monitoring array.
- 43/ **Eryk Święch**, Andrzej Pasternacki, Ph.D. Tomasz Maćkowski:
Selected effects of VTI anisotropy on downhole microseismic data.
- 44/ **Magdalena Tuchowska**, Tomasz Bajda, Grzegorz Rzepa, Klaudia Dębiec, Łukasz Drewniak:
Arsenic interactions with bog iron ores – As(III) and As(V) adsorption–desorption study.
- 45/ Andrzej Pasternacki, **Paweł Wandycz**, Tomasz Maćkowski:
Effect of the near surface layer for the microseismic monitoring – 2D modelling.
- 46/ **Paweł Wandycz**, Eryk Święch, Andrzej Pasternacki:
Comparison of solutions for microseismic focal mechanism estimation.
- 47/ **Franc Zalewski**:
Triangles in the Walls of the Great Pyramid in Giza.
- 48/ **Grzegorz Ziemiak**, Jerzy Czerny, Maciej Manecki, Karolina Kościńska:
The Baklia Fault Zone – a regional strike-slip zone splitting Prins Karls Foreland (Svalbard).

