



ORAL PRESENTATIONS PROGRAMME
OF THE
XXV MEETING OF THE PETROLOGY GROUP
OF THE MINERALOGICAL SOCIETY OF POLAND



THURSDAY, 25.X

19:00 *ICE BREAKER*

FRIDAY, 26.X

from 7:00 *BREAKFAST*

8:45-9:00 Opening ceremony

chairperson: Jacek Puziewicz

9:00-9:30 INVITED TALK :J. Baron

Archaeological objects as a subject of multifaceted analysis. Some examples of archaeological and geological co-operation.

9:45-10:00 K. Kądziołka, A. Pietranik, J. Kierczak, A. Potysz, T. Stolarczyk

Reconstructing smelting temperature in the furnace on the base of pyrometallurgical Cu slags from Kondratów and Leszczyna

10:15-10:30 J. Kierczak, A. Pędziwiatr

Soils naturally-enriched in metallic elements: should we consider them polluted?

10:30-10:45 A. Ladenberger, G. Morris

Geochemical Mapping in Sweden – natural background element concentrations in till and their applications

10:45-11:15 *COFFE BREAK*

chairperson: Marek Grad

11:15-11:30 J. Sordyl, B. Puzio, M. Manecki

Phases analysis of the synthetic Pb – As – bearing apatites with various substitutions of halides

11:30-11:45 Ł. Birski, E. Słaby, A. Wudarska, K. Gros

Secondary transformation processes of primary Archaean phosphates from Barberton greenstone belt

11:45-12:00 A. Wudarska, E. Słaby, M. Wiedenbeck, Ł. Birski, K. Gros, A. Lepland, R. Wirth, J. Götze

Secondary processes in the Eoarchean Isua supracrustal belt – clues from chlorine isotopes, TEM and CL studies of apatite

12:00-12:15 B.Puzio, M. Manecki

Prediction of the solubility stable for Pb – As – bearing apatites with different halides substitutions

12:15-12:25 LABSOFT

12:25-13:30 *LUNCH*

chairperson: Agata Duczmal-Czernikiewicz

13:30-14:00 INVITED TALK: K.Hidas, C. J. Garrido, N. Dilissen,

Reading rocks: microstructure visualization in the service of petrology

W.-A. Kahl, V. López-Sánchez Vizcaino, M. J. Román-Alpiste

14:00-14:15	J. Szczepański, D. Marciniak	PT history preserved in mica schists from the Doboszowice Metamorphic Complex (Bohemian Massif, Fore-Sudetic Block)
14:15-14:30	J. Majka, I. Klonowska, S. Ferrero	Inclusions on duty in high pressure metamorphic rocks
14:30-14:45	S. Ilnicki, J. Szczepański	The prograde segment of the P-T metamorphic path for the Kamieniec Ząbkowicki eclogites: first results of phase equilibria modelling
14:45-15:15	<i>COFFEE BREAK</i>	
	chairperson: Leszek Marynowski	
15:15-15:30	J. Ciesielczuk, R. Włodyka, A.J Paulo, M. Sikorska, G. Racki, J. Żaba, K. Gaidzik	The origin of feldspars in Cretaceous Ashua limestones, Southern Peru
15:30-15:45	Z. Sawłowicz	Pyritization of organic remains
15:45-16:00	E. Waluś, M. Manecki	Crystal structure of Mn-substituted synthetic stannite from the isomorphic series $Cu_2(F_{x-1}Mn_x)SnS_4$
16:00-16:15	J. Ciężela, B. Pieterek, M. Pańczyk, Z. Czupyt, Ad. Fiege, J. Koepke, A. Muszyński, M. Lazarov	Pioneer SHRIMP measurements of S isotopes in pyrrhotite and chalcopyrite: details of the method and first insight into S isotope fractionation during cooling of sulfide liquid
16:15-16:30	D. Środek, M. Dulski, I. Gałuskina, E. Gałuskin	Raman imaging as a tool for interpretation of structural cages occupation in the mayenite group minerals
16:45-18:30	POSTER SESSION I	
18:15	Meeting of the Mineralogical Society of Poland	
19:30	<i>BARBEQUE</i>	

SATURDAY, 27.X

from 7:00	<i>BREAKFAST</i>	
	chairperson: Tomasz Bajda	
9:00-9:30 INVITED TALK	INVITED TALK: M. Grad	Podolian, Saxonian and Baltic plates — from Teisseyre-Tornquist Line to TESZ
9:45-10:00	E.Słaby, R. Anczkiewicz, Ł. Birski, K. Gros, G. Kozub-Budzyń, H. Martin, J.- F. Moyen, M. Jayananda	Accessory minerals as indicators of the crystallization / recrystallization of a granitic pluton – a multi-tools research approach
10:15-10:30	A, Dobrzański, R, Walcott, L. Kirstein, C. Schröder, I. Butler, B. Ngwenya, L. Pichevin	Using Petrological Trends to Understand the Volatile Evolution within the Norra Kärr Lanthanoid (REE) Deposit
10:30-11:00	<i>COFFEE BREAK</i>	
	Chairperson: Anna Pietranik	
11:00-11:15	A, Barker, K. Gołuchowska, M. Manecki, J. Majka, J. Czerny, R. Ellam	Unzipping the Iapetus ocean through SW Svalbard
11:15-11:30	C. Barnes, J. Majka, D. Schneider, K. Walczak, M. Bukala, K. Kościńska	Small Scales, Large Implications: investigation of μm -scale zircon and monazite domains documents Cambrian subduction in the Seve Nappe Complex, Scandinavian Caledonides
11:30-11:45	M. Bukala, C. Barnes, J. Majka, S. Mazur	Shaken not stirred: seismo-metamorphic evolution of subducting slab recorded by Tsäkkok eclogites, Swedish Caledonides
11:45-12:00	K. Walczak, J. Majka, S. Cuthbert, E. Kooijman, M. A. Smit	U-Pb zircon dating of the diamond-bearing gneiss from Fjærtøft supports the “dunk tectonics” model for the Scandinavian Caledonides
12:00-12:15	G. Ziemniak, K. Kościńska, M. Manecki, J. Majka	Interpretation of discordant detrital zircon ages from the Southwestern Basement Province of Svalbard
12:15-13:30	<i>LUNCH</i>	
	chairperson:Ewa Słaby	
13:30-14:00	INVITED TALK: H. Downes, A. J. Ross	Meteorites as witnesses to Solar System Evolution
14:00-14:15	M. Ciążela, D. Mege, J.. Ciążela, J. Gurgurewicz, P.-A. Tesson	Lithology of the Martian surface from thermal remote sensing data
14:15-14:30	J. Ciążela, D. Mege, M.Ciążela, J. Gurgurewicz, P.-A. Tesson, B. Pieterek, A. Muszyński	Volcano heights reveal prolonged magmatic and hydrothermal activity in the Tharsis province on Mars
14:30-14:45	D. Buczko, M. Matusiak-Małek, B. J.G. Upton, T. Ntaflos, M. Grégoire, J. Puziewicz	Non-peridotitic xenoliths and megacrysts from Loch Roag monchiquite (Outer Hebrides, UK): messengers from lower crust or echoes of mantle processes?
14:45-15:15	<i>COFFEE BREAK</i>	
	Chairperson: Hilary Downes	
15:15-15:45	J. Puziewicz, M. Matusiak-Małek, T., Ntaflos, M. Grégoire, A. Kukuła, M. Ćwiek	The origin of mantle roots of Variscan Orogen in Central Europe

15:45-16:00	M. Matusiak-Małek, B. J.G. Upton, J. Puziewicz, T. Ntaflos, M. Grégoire	Petrology of mafic and ultramafic xenoliths from Fife, Scotland
16:00-16:15	M. Nowak, M. Kowal-Linka, Z. Pécskay	Brunovistulian lithospheric mantle xenoliths from a newly recognized nephelinite dyke at the Folwark quarry, Opolian Silesia (SW Poland)
16:15-16:30	L.Patkó, J. Ciężela, L. E. Aradi, N. Liptai, I. J. Kovács, F. Holtz, C. Szabó	Fe and Cu isotope signatures in sulfide blebs from various upper mantle xenoliths from the Nógrád-Gömör Volcanic Field (Northern Pannonian Basin)
16:45-18:30	POSTER SESSION II	
19:00	<i>CONFERENCE DINNER</i>	

SUNDAY, 28.X

from 7:00 *BREAKFAST*

8:30-16:00 Field trip, Lunch at Grodziec Castle