

Program of the GEEWEC 2013 conference

Wednesday, October 16, 2013	
17.00	Registration
18.30	Ice breaker party

Thursday, October 17, 2013	
Plenary session	
Chairmen: Ján Madarás, Daniel Harlov	
8.45 - 9.00	Opening ceremony
9.00 - 9.30	Keynote talk M. Janák: Metamorphic evolution of crystalline basement of the Western Carpathians – an overview
9.30 - 10.00	Keynote talk I. Petrík, I. Broska, P. Uher: Granites in the Western Carpathians from the Ordovician to the Permian, a petrological view
10.00 - 10.30	Keynote talk M. Putiš, P. Siman, A. Vozárová, P. Ivan, M. Kohút, M. Ondrejka: Geochronology of pre-Alpine geodynamic events in the basement units of the Central Western Carpathians: U-Pb SIMS (SHRIMP) Neoproterozoic and Paleozoic age data on zircon
10.30 - 11.00	Coffee break
Chairmen: Dušan Plašienka, Tadeusz Peryt	
11.00 - 11.30	Keynote talk J. Michalík, J. Soták, O. Lintnerová: Paleogeography and paleoclimate at the Triassic/Jurassic and Jurassic/Cretaceous boundaries
11.30 - 12.00	Keynote talk J. Soták, M. Kováč, J. Bučová, J. Hók, S. Králiková, I. Pešková, D. Plašienka, Ľ. Sliva, D. Starek: Geodynamics and paleogeography of the Western Carpathian Paleogene
12.00 - 12.30	Keynote talk M. Kováč, J. Soták, K. Fordinál, E. Halasová, N. Hudáčková, P. Joniak, M. Kováčová, F. Marko, E. Márton, R. Pipík, K. Šarinová, R. Vojtko, M. Šujan, S. Rybár: Geodynamics and palaeogeography of the Western Carpathian Neogene
12.30 - 13.30	Lunch

Session A1 - Magmatic evolution Chairmen: Igor Petřík, Pavol Siman		Session B4 - New perspectives in paleobiogeography of the Mesozoic and Cenozoic Chairmen: Adam Tomašových, Kamil Zágoršek	
13.30 - 13.50	Keynote talk F. Finger: Plutonic belts in the Variscan orogen and their role in understanding the architecture of the central European crust	Keynote talk M. Harzhauser, M. Reuter, O. Mandic, W. E. Piller: Oligocene-Miocene marine biogeography of Eurasia – limited data cause artificial hotspots	13.30 - 13.50
13.50 - 14.05	M. Kohút, P. Uher, M. Putiš, I. Broska, P. Siman, M. Ondrejka, S. Sergeev, A. Larionov: How many I- & S-type granite events occurred during the Meso-Variscan period in the Western Carpathians? – An overview from recent data	K. Zágoršek, L.V. Ramalho, V. Távora: New Miocene Bryozoa from Brazil – possible paleogeographical connection to Paratethys	13.50 - 14.05
14.05 - 14.20	A. Gawęda, J. Burda, K. Szopa, U. Klötzli, Q. Crowley, M. Sikorska: Magma mixing and prolonged pluton assembly – a case of the Tatra granitoids, Central Western Carpathians	M. Hyžný: Decapod crustaceans and the Western Tethys as a centre of biodiversity	14.05 - 14.20
14.20 - 14.35	P. Uher: Hercynian granitic pegmatites of the Western Carpathians: mineral composition, age and petrogenetic evolution	R. Pipík, D. Starek, M. Seko, M. Sýkorová: Origin, adaptation and migration of the Late Miocene Lake Pannon Ostracods	14.20 - 14.35
14.35 - 14.50	A. Gawęda, K. Szopa, D. Chew, M. Sikorska: Age and origin of apatite-rich pegmatite from Baraniec Mt. (Tatra Mts., Slovakia)	M. Krobicki, J. Golonka, I. Lazăr, M. Grădinaru: Late Paleozoic and Mesozoic evolution of the Peri-Gondwanan plates (including Lhasa Block) with first discovery of the Early Jurassic Lithotis-type bivalves in the Carpathians (Romania) and their paleobiogeographical significance	14.35 - 14.50
		A. Tomašových, S. Dominici, M. Zuschin, D. Merle: Macroevolutionary emergence of bathymetric gradients in turnover of benthic molluscan communities	14.50 - 15.05
15.05 - 15.35	Coffee break		15.05 - 15.35

Session A1 - Magmatic evolution Chairmen: Marián Putiš, Aleksandra Gawęda		Session B1 - Structure and Alpine tectonic evolution of the Western Carpathians and related orogenic belts Chairmen: Dušan Plašienka , Jan Golonka	
15.35 - 15.50	P. Ivan: Four oceans in the geological history of the Western Carpathian orogeny: a clue to the evolutionary geodynamic model construction	Keynote talk D. Plašienka: Tectonics of the Pieniny Klippen Belt – the state of the art	15.35 - 15.55
15.50 - 16.05	P. Ivan, Š. Méres: Variscan ophiolite nappe on the NW edge of the Tatric Superunit: implications for geodynamic evolution and geological structure of the Western Carpathians	J. Golonka, A. Gawęda, A. Waškowska, M. Krobicki: Phanerozoic paleogeography of Carpathian realm	15.55 - 16.10
16.05 - 16.20	M. Kohút, M. Danišík: Geochronometry of the granitic rocks from the Central Slovakian Neovolcanic Field – an evidence for rapid cooling	P. Hrubcová, P. Šroda, Celebration 2000 and Sudetes 2003 Working Groups: Contact of the Western Carpathians with the European Platform in the light of seismic refraction data	16.10 - 16.25
16.20 - 16.35	M. Kania: Microstructures of the deformed rocks in the crystalline core of the Western Tatra Mts.	P. Pruner, P. Schnabl, K. Čížková, D. Venhodová, S. Šlechta: Palaeotectonic rotations and amalgamation of blocks, with special reference to the palaeomagnetic and magnetostratigraphic investigation	16.25 - 16.40
		F. Marko, I. Tunyi, P.A.M. Andriessen, L. Fojtíková, M. Piovarči, S. Králiková: Carpathian Shear Corridor – a zone of blocks uplift, tilting, rotation and recent seismic activity (Western Carpathians)	16.40 - 16.55
17.00 - 18.00	Poster session		17.00 - 18.00
19.00	Dinner		19.00
20.00	Plenary talk Michal Nemčok: Continental break-up along strike-slip fault zones; observations from the Equatorial Atlantic		20.00

Friday, October 18, 2013

Session A2 - Mineralogy in crystalline segments Chairmen: Pavel Uher, Ioan Seghedi		Session B2 - Paleogeography and paleoclimate in the Mesozoic (Triassic/Jurassic and Jurassic/Cretaceous boundaries) Chairmen: Jozef Michalík, Daniela Reháková	
8.45 - 9.05	Keynote talk D. Harlov: Accessory minerals and fluid-rock interaction in the crust and upper mantle: dating and recording the geochemistry of metasomatism on a local and regional scale	J. Pálfy: The role of the Central Atlantic Magmatic Province in triggering environmental and biotic changes around the Triassic-Jurassic boundary	8.45 - 9.05
9.05 - 9.20	P. Bačík, P. Uher, A. Ertl, Š. Méres, D. Ozdín, M. Števko, P. Koděra, P. Sečkář: New occurrences of magnesio-foitite in Western Carpathians – the relationship of the genetic environment and chemical composition	V. Šimo, M. Olšavský: Trace fossils as unique stratigraphic and palaeoecological markers in uppermost siliciclastic parts of Lower Triassic sequences (Western Carpathians)	9.05 - 9.20
9.20 - 9.35	I. Broska, I. Petřík, P. Uher: Accessory minerals and granite typology in the Western Carpathians	O. Lintnerová, J. Michalík, J. Soták, P. Uhlík, Z. Weissová: Triassic - Jurassic climate humidification and Rhaetian kaolinite formation (Western Carpathians, Tatric Unit, Červený Úplaz section)	9.20 - 9.35
9.35 - 9.50	M. Ondrejka, H-J. Förster, P. Uher, I. Schmiedt: Evolution of accessory minerals during sub-solidus alteration by oxidising As-rich fluids: an example from Zinnwald granite (Erzgebirge, Germany)	Á.T. Kocsis, J. Pálfy: Quantitative assessment of radiolarian extinctions at the Triassic-Jurassic boundary	9.35 - 9.50
9.50 - 10.05	S. Jeleň, J. Pršek, V.A. Kovalenker: Bismuth sulphosalts association from the Rozália mine, Hodruša-Hámre	M. Golej, A. Tomašových, J. Schlögl: Evaluating changes in shell structure and mineralogy of bivalves during the Late Triassic and Jurassic	9.50 - 10.05
10.05 - 10.35	Coffee break		10.05 - 10.35

Session C - Volcanology and Mantle rock sources Chairmen: Milan Kohút, Martin Ondrejka		Session B2 - Paleogeography and paleoclimate in the Mesozoic (Triassic/Jurassic and Jurassic/Cretaceous boundaries) Chairmen: József Pálffy , Otilia Lintnerová	
10.35 - 10.55	Keynote talk I. Seghedi, J. Lexa: Neogene to Quaternary volcanics in the Carpathian-Pannonian region – their geodynamic setting and petrological aspects	T. Segit: An incipient uplift of the Czorsztyn Swell in the sedimentary facies record (Lower Bajocian, Pieniny Klippen Belt of Poland and Slovakia)	10.35 - 10.50
10.55 - 11.10	J. Lexa, Z. Pécskay: K-Ar dating of the Jastrabá formation rhyolites and related mineralization in the Central Slovakia Volcanic Field	J. Schlögl, A. Tomašových, D. Ivanova, B. Lathuilière, L. Villier, M. Golej: Coral biohermal limestones from pelagic carbonate platforms, case of the Middle Jurassic from the Pieniny Klippen Basin, Western Carpathians	10.50 - 11.05
11.10 - 11.25	M. Krobicki, A. Feldman-Olszewska, J. Iwańczuk, O. Hnylko, D. Badescu, I. Lazăr, M. Grădinaru: Jurassic-Cretaceous volcanogenic event with pyroclastic turbidite system of the Ukrainian and Romanian Carpathians	J. Michalík, O. Lintnerová, E. Halásová, D. Reháková: Complex stratigraphy of Jurassic/Cretaceous boundary sections in Slovakian Western Carpathians	11.05 - 11.20
11.25 - 11.40	P. Vajda, I. Prutkin, J. Gottsmann, M. Bielik, V. Bezák, R. Tenzer: On the role of modern gravimetric methods in studying magmatic and hydrothermal systems	D. Reháková: Calpionellids and calcareous dinoflagellates in Late Jurassic and Early Cretaceous pelagic sequences of the Western Carpathians – tools for biostratigraphy and paleoenvironmental interpretation – overview	11.20 - 11.35
11.40 - 11.55	N. Liptai, L. Patkó, L.E. Aradi, I. Kovács, R. Klébesz, C. Szabó, A. Tommasi: Petrographic, physical and geochemical properties of the upper mantle beneath the Nógrád-Gömör Volcanic Field (Northern Pannonian Basin)	J. Michalík , O. Lintnerová, K. Fekete: Early Cretaceous sedimentary evolution of the Manín pelagic basin (Central Western Carpathians, Slovakia)	11.35 - 11.50
11.55 - 12.10	L. Patkó, L.E. Aradi, N. Liptai, C. Szabó, R. Klébesz, B. Cesare, T. Jeffries: Geochemical evidences of stealth metasomatism in the upper mantle of Nógrád-Gömör Volcanic Field (Northern Pannonian Basin)	Session B3 - Sedimentological and paleogeographic evolution in the Cenozoic Chairmen: Ján Soták, Maciej Bojanowski	
12.10 - 12.25	A. Straka: First Oxygen Isotope Data from Amphibole Megacrysts in Alkali Basalts (Cerová Vrchovina Mts., Western Carpathians)	K. Jarmołowicz-Szulc, L. Jankowski: Geochemical and isotopic variability of the organic matter and minerals in the sedimentary rocks in the Carpathians	11.50 - 12.05
		M. Bojanowski: Evidence for microbial methane production, seepage and gas hydrates occurrence in the Silesian basin during Eocene and Oligocene, Polish Outer Carpathians	12.05 - 12.20
		M. Oszcypko–Clowes, J. Soták, N. Oszcypko, J. Šurka: Biostratigraphic revision of the Magura Unit in the Horná Orava region (Slovakia): constraints for Oligomiocene formations	12.20 - 12.35

12.30 - 13.30	Lunch		12.35 - 13.30
		J. Soták, S. Ozdínová, J. Šurka: A new Gosau-type basin in the Horná Nitra region: lithology, stratigraphy and geotectonic setting	13.30 - 13.45
		M. Bojanowski, A. Wysocka, M. Łoziński: Siderite concretions in Neogene deposits from the Orava-Nowy Targ basin	13.45 - 14.00
14.00 - 15.00	Poster session with coffee break		14.00 - 15.00
15.30	Walk to Molpír oppidum (approx. 2 hours)		15.30
19.00	Dinner		19.00

Saturday, October 19, 2013

9.00 - cca 15.00

Field trip to Malé Karpaty Mts.

Posters

V. Bezák, I. Broska, I. Petrík: Transportation of the Western Carpathian Hercynian crystalline complexes during Alpine orogeny

M. Cieszkowski, J. Golonka, A. Ślaczka: Olistostrome in the Hradište Formation of the Silesian Series with olistoliths of dark Upper Jurassic - Lower Cretaceous deposits in town of Żywiec (West Outer Carpathians, Poland)

M. Cieszkowski, A. Waškowska: Olistostrome deposits in the Eocene Hieroglyphic Formation (Silesian Nappe, Outer Carpathians)

Š. Čík: Margarite and pumpellyite from metapelites of the Strážovské Vrchy Mts.: indicators of prograde and retrograde metamorphism

U. Czarniecka, M. Bojanowski, A. Wysocka: Petrography of the Neogene siliciclastic rocks from the south-eastern part of the Orava-Nowy Targ Basin (Western Carpathians, Poland) – preliminary results

K. Fekete: Characterization of lithology and biofacies in Lower Cretaceous shallow marine carbonate sequence, Butkov Quarry in the Manín Unit (Western Carpathians)

A. Gawęda, E. Jurewicz, H. Hercman, M. Kurłowicz, N. Piotrowska, M. Kadziółko-Gaweł, M. Sikorska: The youngest post-tectonic calcite-chlorite-quartz mineralization in the extension-related tectonic zones in the High Tatra Mountains, S-Poland

J. Golonka, A. Waškowska, D. Reháková, B. Olszewska, P. Skupien, Z. Vašíček: Position the Tesin (Cieszyn) Limestone Formation within the Outer Carpathians

M. Harzhauser, T. Neubauer, O. Mandic, E. Georgopoulou, A. Kroh: The FreshGen – a unique database on Freshwater Gastropods of the European Neogene.

P. Ivan, Š. Méres, M. Janák: Geochemical types of the post-eclogite amphibolites in the northern part of the Veporic Superunit (Early Paleozoic, Western Carpathians)

R. Jach, D. Reháková: Carbon-isotope stratigraphy integrated with calcareous dinoflagellata biostratigraphy of the Upper Jurassic of the Krížna Nappe, Tatra Mts.

M. Kania: Kinematics and deformational regime of the selected shear zones in the Western Tatra Mts. crystalline rocks
J. Kowal-Kasprzyk: Carbonate sedimentation along the margins of the Silesian Basin during the Late Jurassic and the Earliest Cretaceous – preliminary results of exotics studies
M. Ludwiniak, L. Mastella, D. Klimkiewicz: Tectonics of the Central Carpathian Palaeogene between Skrzypne and Białka Tatrzańska (Podhale region, southern Poland)
M. Ludwiniak, M. Śmigielski, M. Łoziński, L. Lewińska: New structural data from the southern margin of the Orava - Nowy Targ basin (Western Carpathians, Poland/Slovakia borderland)
Š. Méres: Source areas of the protolith of metamorphosed sedimentary rocks of crystalline basement (Lower Paleozoic, Tatric Superunit, Western Carpathians): geochemical criteria for identification of three different types
Š. Méres, P. Ivan, P. Konečný, R. Aubrecht, M. Sýkora, D. Plašienka, P. Reichwalder: Two monazite ages from the accretionary prism mélangé of the Meliata Ocean (Bôrka Nappe, Meliatic Superunit, Western Carpathians)
Š. Méres, Š. Józsa: Geochemistry of pelagic sediments (Albian – Cenomanian, Pieniny Klippen Belt, Slovakia)
Š. Méres, D. Plašienka: Paleooceanography of the pelagic sediments from the Belice Unit (Lazy Formation, Považský Inovec Mts., Western Carpathians): lithological and geochemical proxies
S. Ozdínova, J. Soták: Biostratigraphy of the Huty Formation of the Central-Carpathian Paleogene Basin: nanofossil and foraminiferal data from the Liptov Depression
P. Pyka, K. Szopa, A. Gawęda, T. Krzykawski: Kyanite-quartz segregations in the metamorphic complex of the Western Tatra Mountains, Central Western Carpathians
P. Siman, H. Hyodo, J. Madarás: The South Veporic migmatites/orthogneiss evolution: new Ar/Ar data – evidence of new biotite forming?
M. Sýkorová, T. Lanczos, R. Pipík, D. Starek, J. Šurka, M. Seko: Spatial distribution of ostracods in travertine springs and lakes of Slovakia
M. Szczęch: Corelation between morphology and geology of the Magura Nappe in the area of Orawa-Jordanów Foothills based on using of the GIS methods (West Outer Carpathians, Poland)
P. Vojtko, I. Broska, R. Milovský: Pyrite typhomorphism in the granitic rocks of the Western Carpathians
P. Wójcik-Tabol, A. Ślaczka and N. Oszczypko: An attempt of mineralogical-geochemical comparison between some dark Early Cretaceous deposits from the Carpathians and Rhenodanubian flysch Zone