

CBGA 2018 – AUSTRIA

XXI International Congress of the Carpathian Balkan Geological Association (CBGA)
University of Salzburg (Austria), September 10–13, 2018.

Programme of oral presentations

September 10, 2018

15:00 - 20:00 Registration: Foyer of the Faculty of Sciences, University of Salzburg

18:00 - 22:00 Foyer of the Faculty of Sciences, University of Salzburg: Ice-breaker party
Welcome by the Dean of the Faculty of Natural Sciences, Arne Bathke

September 11, 2018

8:00 - 12:00 Registration: Foyer of the Faculty of Sciences, University of Salzburg

Audimax

Franz Neubauer, President of the Carpathian-Balkan Geological Association

Fatima Ferreira-Briza, Vice-Rector of Research of Salzburg University

9:00 - 9:45 **Stefan M.. Schmid (Zürich): Alps, Carpathians and Dinarides-Hellenides: about plates, micro-plates and delaminated crustal blocks**

9:45 - 10:30 **Wolfgang Müller (Frankfurt): Why less is more – high-time resolution from laser-ablation mass spectrometry in palaeo-environmental research and beyond**

Coffee break

Coffee break

Coffee break

Lecture Hall Blue (HS 402)

Lecture Hall Green (403)

Lecture room Red (HS 413)

GT2-1 Mesozoic of the Tethys realm, *Convenors: S. Missoni, M. Krobicki, M. Wagreich, M. Djakovic, H.-J. Gawlick, J. Haas, A. Kiliyas, T. Kolar-Jurkovsek & J. Michalik*

GT4 Magmatism in the Alpine-Carpathian-Balkan realm; *Convenors: M. Kohut, A. Dobrescu, I. Seghedi, D. Prelević, K. Šarić, V. Cvetković, K. Németh & R. Lukács & F. Finger*

GT9 Geophysics and Seismology; *Convener: F. Neubauer*

11:00 - 11:20	J. Haas, T. Budai: <i>Development, dolomitization and drowning of Middle Triassic isolated carbonate platforms, Transdanubian Range, Hungary</i>	I. Seghedi: <i>Volcanology, petrology and geodynamic aspects of the Miocene magmatism in the Apuseni Mountains – a review</i>	F. Šumanovac, J. Orešković, S. Kolar: <i>Geological significance of the Dinaridic fast velocity anomaly on the basis of the seismic modelling</i>
11:20 - 11:40	A. E. Götz, G- Ajdanlijsky, A. Strasser: <i>Palynology of a Middle Triassic (Anisian) ramp system (NW Bulgaria): Towards a refined age control and depositional model</i>	R. Lukács, R. Roetzel, S. Nehyba, F. Marković, K. Sant, M. Harzhauser, M. Guillong, O. Bachmann, I. Dunkl, F. Finger, K. Sebe, I.ó Soós, J. Szepesi, S. Harangi: <i>Towards the</i>	J. Orešković, F. Šumanovac, S. Kolar: <i>Crustal structure and Moho depth in the area of Dinarides and SW Pannonian basin</i>
11:40 - 12:00	S. Missoni, D. Čađenović, M. Đaković, H.-J. Gawlick: <i>Carnian outer continental shelf succession in the Budva Zone (Montenegro)</i>	M. Kovacs, A. Fülöp, Z. Pécskay: <i>Uncommon, composite volcanic structures in the Gutâi Volcanic Zone (Eastern Carpathians, Romania). Implications for the petrogenetic model</i>	B. Czeglédi: <i>Case study: Horizontal Loop Electromagnetic (HLEM) survey in the vicinity of Bátaapáti, Hungary</i>

12:00 - 12:20	A. Uchman, T. Rychliński , A. Gaździck: <i>Lower Jurassic Bahamian-type facies of the Hronicum domain in the Tatra Mts (West Carpathians, Poland) conditioned by palaeogeography and palaeocirculation in the Western Tethys</i>	E. Akkaş, H. E. Çubukçu, L. Akin: <i>Interstitial Glass Bearing Pyroxenitic and Monzonitic Lithics: Possible magmatic origin of Gölcük Volcanism (Isparta-Turkey)</i>	Stanciu I.-M., I. Dumitru: <i>The Intramoesian Fault: tectonic contact at crustal and lithospheric depths</i>
12:20 - 12:40	T. C., Š. Goričan, H.-J. Gawlick , M. Auer: <i>Pliensbachian (Early Jurassic) radiolarians from Mt. Rettenstein, Northern Calcareous Alps, Austria</i>	A. Bačić, S. Borojević Šoštarić, M. Bernroider, F. Neubauer: <i>Magmatic rocks of the Dinaric evaporite mélange: evidence from the Adriatic carbonate platform</i>	I. Bozsó, L. Bányai, E. Szűcs, V. Wesztergom: <i>An attempt to apply space-borne monitoring of recent tectonics in the Southern Carpathians</i>
12:40 - 13:00	M. Krobicki, J. Iwańczuk, M. Barbacka, B. Muceku: <i>Early Jurassic (Pliensbachian–Early Toarcian) shallow-water environments with faunal and floral associations in the Albanian Alps</i>	P. Gál, R. Lukács, S. Józsa, I. Dunkl, N. Németh, S. Harangi: <i>Results of the petrographical, geochemical and geochronological reinvestigation of the Triassic metavolcanic rocks at Bükkszentlászló, Bükk Mts. (NE Hungary)</i>	L. Asimopolos, N.-S. Asimopolos: <i>Organizing and multi-criteria's analysis of database from Surlari Geomagnetic Observatory</i>
	Lunch break	Lunch break	Lunch break
	GT2-1 Mesozoic of the Tethys realm, continued	GT4 Magmatism in the Alpine-Carpathian-Balkan realm, continued	GT9 Geophysics and Seismology, continued
14:00 - 14:20	G. Ghon, H. J. Gawlick , S. Missoni , N. Djerić , A. Kilias, S. Gorican: <i>Age and microfacies of a carbonate-clastic radiolaritic basin fill above the Koziakas Mélange (Hellenides, Greece)</i>	C. Költringer, F. Neubauer, M. Bernroider, S. Cao: <i>Triassic magmatism, Cenozoic subduction and exhumation of the Sifnos subduction zone complex, Aegean Sea</i>	R. Ormeni, R. Bozo, O. Gjuzi: <i>Regional macroseismic field of May 24, 2017, Bulqiza earthquake in Albania</i>
14:20 - 14:40	A. Uta, B. Muceku: <i>Microfacies and microfossils from the Upper Berriassian-Lower Valanginian carbonate deposits from "Guri i Pellumbave" section, Mirdita zone</i>	M. Szemerédi, R. Lukács, A. Varga, I. Seghedi, M. Tatu, I. Dunkl, E. Pál-Molnár, Sz. Harangi: <i>Permian volcanism in the Tisza Mega-unit: new petrographic, geochemical and geochronological results from Hungary and Romania</i>	R. Bozo, R. Ormeni, O. Gjuzi: <i>Some main aspects of seismic activity during 2017 year</i>
14:40 - 15:00	J. Grabowski, R. Jach, A. Chmielewski , D. Reháková, A. Wilamowski: <i>Kimmeridgian/Tithonian boundary interval in the Lower Sub-Tatric and High-Tatric successions, Tatra Mts (Poland): integrated bio-, chemostratigraphy and magnetic susceptibility</i>	S. Šuica, A. B. Woodland, V. Garašić: <i>Mineralogy and geochemistry of the A-type granites from the Eastern Croatia</i>	M. A. Rapp: <i>Protecting infrastructure from landslides and mudflows in Disaster Control Operations in Styria, Austria</i>
15:00 - 15:30	Coffee break	Coffee break	Coffee break
15:30 - 16:20	Postersession	Postersession	Postersession
	GT2-1 Mesozoic of the Tethys realm, continued	GT4 Magmatism in the Alpine-Carpathian-Balkan realm, continued	GT7-1 Tethys-related tectonics in southern Eurasia; <i>Convenors: Y.-J. Liu, B. Wan, W.-J. Xiao, F.-Y. Wu & F. Neubauer</i>
16:20 - 16:40	V. Diersche, M. Auer, H.-J. Gawlick, S. Missoni, F. Schlagintweit, H. Suzuki: <i>Late Jurassic evolution of the Steinernes Meer (Berchtesgaden, Germany), emplacement of the "Juvavic" Klippen, and the role of Hahn's Miocene Hundstod overthrust</i>	V. Cvetković, K. Šarić, S. Erić, B. Kostić, D. Jovanović, I. Peytcheva: <i>Petrology, geochemistry and U-Pb zircon ages of Variscan granitoids of the East Serbian Carpatho-Balkanides</i>	A. Kilias: <i>The Hellenides, a complicated, multiphase Alpine orogenic belt. New aspects for the geotectonic evolution of the Hellenides: A review</i>

16:40 - 17:00	G. Csaszar, H.-J. Gawlick: <i>Comparison and correlation of Jurassic and Lower Cretaceous successions of the Eastern Alps and the Transdanubian Range - Similarities and differences</i>	I. Broska, M. Kubiš, P. Uher: <i>Permian evolution and correlation of the specialised S-type granites in the Gemic unit (Western Carpathians)</i>	S. W. Faryad: <i>The Hindu Kush suture and its relation to Paleotethys and/or South Tian-Shan orogeny</i>
17:00 - 17:20	Š. Goričan, L. Žibret, A. Košir, D. Kukoč, A. Horvat: <i>Lower Cretaceous (Neotethyan) flysch in the eastern Southern Alps (NW Slovenia)</i>	A. Dobrescu: <i>Adakitic-like granitoids at west Getic basement of the South Carpathians - petrogenesis and thermotectonic events evidenced by zircon geochemistry</i>	M. Marian, M.Tatu: <i>The Variscan suture in the Romanian Carpathians</i>
17:20 - 17:40	M. Benzaggagh: <i>Tholeiitic basalts and ophiolitic complexes of the Mesorif Zone (External Rif, Morocco) at the Jurassic-Cretaceous boundary and the importance of the Ouerrha Accident in the palaeogeographic and geodynamic evolution of the Rif Mountains</i>	É. Farics, I. Dunkl, S. Józsa, J. Haas: <i>Carnian volcanic activity in the Transdanubian Range</i>	Y. Dong, S. Cao, F. Neubauer, J. Genser, M. Bernroider, H. Wang: <i>The emplacement depth of granitoid intrusions from the Gaol igong strike-slip shear zone: new insights from Al-in-hornblende barometry and U-Pb and ³⁹Ar-⁴⁰Ar geochronology</i>
17:40 - 18:00	M. Wagreeich: <i>The type- Gosau Group of the Northern Calcareous Alps: Upper Cretaceous to Paleogene basins</i>	Z. Kovács, Sz. Kövér, L. Fodor, R. Schuster: <i>New age and re-evaluated whole rock geochemical data of the Szarvaskő magmatic unit (NE-Hungary): Back-arc basin or N-MORB-type magmatism?</i>	Y. Liu, W. Li, Z. Feng, Q. Wen, F. Neubauer, J. Genser, C. Liang: <i>Paleozoic tectonics in the eastern part of Central Asian Orogenic Belt</i>
18:00 - 18:20		M. Kohút: <i>The Cadomian granites within the Variscan basement of the Alpine units in the Western Carpathians</i>	B. Liu, F. Neubauer, J. Liu, C. Liang: <i>Geological control of the eastern Great Wall: mountain-basin relationships in eastern North China Craton</i>

19:00 - 22:00

Residenz: Concert (invited by Province and City of Salzburg) & buffet (city center: either Sala Terrena or Foyer Audimax)

September 12, 2018

8:00 - 10:00 Registration: Foyer of the Faculty of Sciences, University of Salzburg

	Lecture Hall Blue (HS 402)	Lecture Hall Green (403)	Lecture Room Red (HS 413)	Lecture Room Pink (HS 423)
	GT7-3 Orogenic processes in the Alpine-Balkan-Carpathian-Dinaric orogen: The relationship between tectonics and basin formation; <i>Convenors: L. Matenco, M. Toljic & F. Neubauer</i>	GT10-4 Geochronology, whole rock and mineral chemistry as assessment tools for magma fertility and ore formation in magmatic-hydrothermal systems; <i>Convenors: K. Kouzmanov, A. von Quadt, I. Peytcheva & I. Marton</i>	GT2-2 Climate and biota of the Cretaceous and early Paleogene; <i>Convenors: H. Egger & A. Uchman</i>	GT8-1 Quantifying landscape evolution during the Plio- and Pleistocene; <i>Convenors: Z. Ruszkiczay-Rüdiger, A. Galuszka, C. Ionescu, A., J. Christoph Otto, J. Robl, B. Salcher & M. Wagneich</i>
8:30 - 8:50	I. Vlahović, I. Velić, B. Tomljenović, B. Matoš, P. Enos: <i>Massive Cenozoic carbonate breccia in the Karst Dinarides of Croatia</i>	T. Baker (Invited Keynote): <i>Factors Influencing the Au-Cu Endowment and Deposit Diversity in the Cenozoic West Tethyan Magmatic Belt, SE Europe</i>	J. Michalík, D. Reháková, O. Lintnerová: <i>High resolution study of possible regional GSSP key sections of the Jurassic/Cretaceous boundary in Slovakian Western Carpathians</i>	M. Šujan, R. Braucher, D.r Bourlès, M.I Kováč, ASTER Team (invited keynote): <i>Cosmogenic nuclide dating of "sticky stuff" deposition: Principles and applications of the authigenic ¹⁰Be/⁹Be dating in comparison with well-established geochronological methods</i>
8:50 - 9:10	B. Tomljenović, Ph. Balling, B. Matoš, I. Vlahović, S. Schmid, K. Ustaszewski, L. Blažok, D. Posarić, A. Širol: <i>Structural architecture and tectonic evolution of the Mt. Velebit in the central part of the External Dinarides in Croatia</i>	D. Klimentyeva, Ch. Heinrich, A. von Quadt: <i>Geochemistry of massive sulfide orebodies at Bor (Serbia)</i>	K. Fekete, J. Michalík, D. Boorová, J. Soták, O. Lintnerová, A. Svobodová: <i>Lower Cretaceous sedimentary evolution of carbonate platforms in the Manín Unit (Western Carpathians, Slovakia)</i>	
9:10 - 9:30	Ph. Balling, B. Tomljenović, K. Ustaszewski: <i>The tectonic setting of the Promina Beds – A flexural foreland basin induced by a contrasting style of along strike deformation in the External Dinarides</i>	I. Peytcheva, A. von Quadt, M. Loretz, St. Georgiev, R. Raicheva, E. Stefanova, A. Kounov, Y. Gerdjikov, P. Marchev, M. Guillong: <i>The oldest northern magmatic-hydrothermal systems in the Late Cretaceous Srednogorie zone of Bulgaria: scales of processes and magma fertility</i>	C. Solak, K. Tasli: <i>Albian-Turonian benthic foraminiferal bio-events: a case study from the Bey Dağları Carbonate Platform, Western Taurides, S Turkey</i>	Ch. Költringer, T. Stevens, S. Yarovaya, B. Almqvist, R. Kurbanov, B. Bradák, I. Snowball: <i>Origin and formation of loess in the Lower Volga region of Russia: A multi-method approach</i>
9:30 - 9:50	A. A. Anczkiewicz, J. Środoń, I. Dunkl, I. Vlahović, I. Velić, B. Tomljenović, T. Kawiak, M. Banaś, H. von Eynatten: <i>Thermal history and exhumation of the central part of the Karst Dinarides, Croatia</i>	D. Klimentyeva, Ch. Heinrich, A. von Quadt: <i>Geochemistry of massive sulfide orebodies at Bor (Serbia)</i>	K. Mikadze, N. Lapachishvili, N. Ikoshvili, M. Onophrishvili: <i>Biostratigraphy of Upper Cretaceous sediments (Western Georgia) and some data on paleoenvironment based on macro- and microfauna</i>	A. Banak, D. Ivanišević, K. Bakrač, A. Grizelj, L. Wacha: <i>Pleistocene aeolian, alluvial and glacio-fluvial sediments in the northern part of the eastern Adriatic coast, Croatia</i>
9:50 - 10:10	D. Prelević, J. Köpping, M. Peternell: <i>Cretaceous tectonic evolution of the Sava Zone as seen from the Klepa Massif - Macedonia (FYROM) - A combined geochemical and paleo stress study</i>	A. Hikov: <i>Geochemical indicators for discrimination of hydrothermal alterations associated with epithermal and porphyry deposits</i>	J. Soták, S. Antolíková: <i>Stratigraphic constraints, biotic changes and paleoenvironmental proxies of K/T and early Paleogene events in the Western Carpathians</i>	M. Ticleanu, R. Nicolescu, O. Coltoi, F.i Culescu: <i>The Upper Pleistocene lacustrine shores in the Romanian Plain (Dacian Basin)</i>

10:10 - 10:30	H. Kulići, V. Doda, V. Gjoni, S. Hamiti, N. Vukzaj: <i>Some feature of the Mirdita zone relations with the other zones of the Albanides</i>	A. von Quadt, J. Hörler, R. Burkhardt, I. Peytcheva, T. Baker: <i>The Karavansalija ore center (KMC) in SW Serbia (SE Europe): 1.7 Ma magma evolution, skarn formation and about 140 Ka timespan of economic ore mineralization</i>	P. Gozhyk, A. Andreeva-Grigorovich, M. Ivanik, Ninel Maslun, N. Zhabina (1), Volodymir Zosimovich, I. Suprun, Sv. Gnylko, D. D. Waga: <i>Regional stages of the Paleogene and Neogene sedimentary formations of Ukraine: biostratigraphy and correlation</i>	C. N. Waters, M. Wagreich, J. Zalasiewicz, Anthropocene Working Group: <i>Candidates for Global Boundary Stratotype Section and Point (GSSP) for an Anthropocene chronostratigraphic unit</i>
	Coffee break	Coffee break	Coffee break	Coffee break
	GT7-3 Orogenic processes in the Alpine-Balkan-Carpathian-Dinaric orogen, continued	GT10-4 Geochronology, whole rock and mineral chemistry, continued	GT2-2 Climate and biota of the Cretaceous and early Paleogen, continued. GT2-6 New developments in Paratethys Research; Convenors: M. Harzhauser & W. Piller	GT12 Hydrogeology and Natural Hazards; Convenors: Z. Stevanovic, X. Kumanova & Gunnar Jacks
11:00 - 11:20	B. Heberer, I. Dunkl, F. z Neubauer, S. Schulz, H. von Eynatten: <i>Effects of partial reset on zircon (U-Th)/He data: the case of the Drau Range, Eastern Alps and adjacent Southern Alps</i>	A. Lovász, G. B. Kiss, G. Czuppon, Zs. Benkó: <i>Genetic study of gabbro hosted copper mineralisations in the Albanian Mirdita Zone</i>	M.-E. Kallanxhii, R. Bălc, St. Ćorić, Sz.-F. Székely: <i>The Rupelian-Chattian transition in the north-western Transylvanian Basin (Romania) revealed by the calcareous nannofossils: implications for biostratigraphy and palaeoenvironmental reconstruction</i>	Z. Stevanovic: <i>Karst aquifers of Southeast Europe - The greatest water resource for potable water supply</i>
11:20 - 11:40	O. Stauber, F. Neubauer, M. Bernroider, S. Cao, J. Genser, M. Musso, D. Reiff: <i>The Gurktal tectonic conundrum of Eastern Alps revisited: thrusting vs. normal faulting</i>	M. Munteanu, M.-E. Cioacă, G. Costin, A. Iorga-Pavel: <i>Investigation of the platinum group elements contents in some mafic and ultramafic rocks from the Romanian Carpathians</i>	L. Rundić, N. Vasić, M. Banješević, D. Prelević, V. Gajić, Marija Jovanović, N. Pantelić, J. Stefanović: <i>New biostratigraphic, sedimentological, and radiometric data from Lower - Middle Miocene of the Zaječar area (westernmost part of Dacian basin, eastern Serbia)</i>	X. Kumanova, I. G. Bergstrom, M. von Bahr, A. Gelaj, G. Jacks: <i>Hydrochemistry and isotopes in risk assessment for coastal aquifers in Albania</i>
11:40 - 12:00	D. Plašienka: <i>Development and provenance of the Meliatic subduction/accretion mélanges (Western Carpathians, Slovakia) – a tentative model</i>	L. Müller, A. von Quadt, I. Peytcheva, R. Ruff, S. Halga: <i>Geochronology and geo-chemistry of zircons from the Rovina Valley Project and the Stanija Prospect - Apuseni Mountains (Romania): constraints from LA-ICPMS/TIMS dating, trace and REE geo-chemistry of zircons and whole rock studies</i>	V. Gajic, I. Dulic: <i>Biostratigraphy of the Middle Miocene from the boreholes of south-west Banat, Serbia</i>	V. Marinovic, B. Petrovic: <i>Hydraulic mechanism of discharge of Seljašnica karst spring (SW Serbia)</i>
12:00 - 12:20	Z. Németh: <i>Geodynamic background of the origin of Variscan and Paleo-Alpine metamorphic core complexes in the Western Carpathians and their metallogenic importance</i>	M. Brunner, L. Müller, A. von Quadt, I. Peytcheva, S. Halga, R. Ruff, C. Tams, P. Ivășcanu: <i>New geodynamic model of the Miocene magmatism of the Apuseni Mountains (Romania): constraints from LA-ICPMS/TIMS dating, trace and REE geochemistry of zircons and whole rock studies</i>	L. Zaharia, R. Bălc, R.-I. Bercea, A. Gärtner, U. Linnemann: <i>Sedimentation timing of the foredeep deposits from Gura Vitoarei section, Romanian Carpathians – implications for the stratigraphy of Lower Miocene in the Paratethys domain</i>	I. Esam, A. H. Mohamed, A. Manal: <i>Using Hydrogeological and Geophysical Studies to Evaluate the Groundwater Potentiality at Beni-Suef District, Egypt</i>

12:20 - 12:40	K. Starzec, W. Schnabel: <i>Application of high-resolution, LiDAR based DEM for identifying tectonic features, case studies from the Polish Outer Carpathians.</i>	L. Logan, A. von Quadt, I. Peytcheva, Th. Driesner: <i>New U-Pb LA-ICP-MS and ID-TIMS zircon dates for Erdenet Porphyry Cu-Mo deposit and constraining its relation to the Tsagaan Chuluut lithocap in Northern Mongolia</i>	N. Grba, A. Šajnović, F. Neubauer, M. K. Grubin, D. Krčma, J. Agbaba, B. Jovančević: <i>Organic and inorganic geochemistry of Miocene sediments from the Lopare Basin (Bosnia and Herzegovina)</i>	D. Krčmar, N. Grba, V. Pešić, J. Tričković, S. Maletić, M. Dubovina, B. Dalmacija: <i>Geochemical long-term monitoring of heavy metals and arsenic in sediments from the Pannonian Basin in the Province of Vojvodina (northern Serbia)</i>
12:40 - 13:00	S. Cao, F. Neubauer, M. Bernroider, J. Genser: <i>Eocene high-pressure metamorphism to Miocene retrogression on metamorphic core complex: Naxos, Cyclades, Greece</i>	T. Berza, A. Seghedi: <i>The pre-Mesozoic basement of the Danubian Nappes, South Carpathians, revisited</i>	M. Harzhauser, D. Theobalt, Ph. Strauss, O. Mandic, M. Kranner, W. E. Piller: <i>Seismic-based lower and middle Miocene stratigraphy in the northwestern Vienna Basin (Austria)</i>	
	Lunch break	Lunch break	Lunch break	Lunch break
14:00 - 15:00	Audimax: Plenary Session: Sierd Cloetingh (Utrecht): <i>From the deep Earth to the surface: thermo-mechanical controls on lithosphere dynamics</i>			
15:00 - 15:30	Coffee break	Coffee break	Coffee break	Coffee break
15:30 - 16:20	Postersession	Postersession	Postersession	Postersession
	GT7-3 Orogenic processes in the Alpine-Balkan-Carpathian-Dinaric orogen, continued	GT10-1 Mineral Deposits in the ABCD Region; Convenors: J. G. Raith & F. Melcher	GT1-1 Stable Isotopes in Earth System Sciences, Convenors: A.-V. Bojar, C. Lecuyer, G. Cristea & A. Pelc	GT3-1 Sedimentary petrology as a tool for understanding of the geological history of the Carpatho-Balkan region; Convenor: K. Górnjak
16:20 - 16:40	H. Fritz, A. Wölfler, F. Neubauer: <i>Exhumation velocities and topography of the Eastern Alps derived from low-temperature thermochronology</i>	F. Ebner, H. Mali, M. Ovissi, M. Ghorbani, D. Hippler, M. Dietzel: <i>The Poldasht magnesite (W Azerbaijan, NW Iran) – a new type of magnesite deposit</i>	T. Peryt, R. Anczkiewicz, J. Szaran, St. Hałas, M. Jasionowski, S. P. Hryniv, A. V. Poberezhskyy: <i>Isotopic indicators in mid-Badenian evaporites of northern Paratethys</i>	K. Górnjak: <i>Upper Cretaceous variegated marl facies in the Outer Carpathians (Węglówka Marl): where does the marl fit in the Cretaceous Oceanic Red Beds event</i>
16:40 - 17:00	O. Pelech, M. Olšovský, J. Hók: <i>Backthrusting in West part of Western Carpathians: Timing and possible causes</i>	M. Bussolesi, G. Grieco, E. Tzamos: <i>Olivine-spinel re-equilibration in chromitites from the Alpine-Dinaride region</i>	V. Guly: <i>Isotopic signatures and geological-mineralogical peculiarities of the Phanerozoic evaporate-bearing formations as key indicators of the Precambrian sulfates origin</i>	R. Ancziewicz, M. Cieszkowski, M. Szczęch, A. Ślącza, A. Wolska: <i>A new approach to the problem of the ophiolite from Osielec – Magura Nappe, Outer Carpathians, Poland</i>
17:00 - 17:20	G. Trost, F. Neubauer, J. Robl: <i>The drainage development of the Tauern window (Eastern Alps): a strike-slip dominated metamorphic core complex overprinted by indentation</i>	A. Čina: <i>Metallogenic features of chromitite mineralization related to ophiolitic assemblages, Western Balkan</i>	G. Cristea, St. Radu, R. Puscas, D. A. Magdas, C. Voica, G. Ion, M. Melinte-Dobrinescu, I. Turcu: <i>Carbon isotope fingerprint - a proxy for climatic changes during the middle and late-Holocene in a peat bog from Maramureş Mountains (Romania)</i>	
17:20 - 17:40	A. Mladenović, M. Antić, M. Mandić: <i>Recent fault kinematics along the Getic Unit of the East Serbian Carpatho-Balkanides</i>	N. Aleksić, A. Kostić: <i>Trace elements of the Aleksinac oil shale, Serbia</i>	P. Szabó, J. Kovács, L. Kocsis, T. Vennemann: <i>Pliocene paleoenvironmental reconstruction in Carpathian–Balkan region based on stable isotope compositions of mammal teeth</i>	

<p>17:40 - 18:00</p>	<p>R. Aksoy: <i>Extensional neotectonic regime through the W-SW edge of the Konya graben, Central Anatolia, Turkey</i></p>	<p>A. Hantsche, K. Kouzmanov, A. Dini, R. Vassileva, M. Guillong, A. von Quadt: <i>Prograde geochemical characteristics of the Pb-Zn distal skarns in the Madan ore field, Bulgaria</i></p>	<p>A.-V. Bojar, Ch. Lecuyer, H.-P. Bojar, F. Fourel, St. Vasile: <i>Ecophysiology of vent communities, Manus Basin, Papua New Guinea: insights from stable isotope geochemistry, minor element content and shell microstructure</i></p>	
<p>18:00 - 18:20</p>	<p>L. Matenco and colleagues: <i>On the mechanisms driving the coupled evolution of mountains and sedimentary basins in the Carpathians – Dinarides system</i></p>	<p>J. G. Raith , A. Ordosch, St. Schmidt, K. Aupers: <i>Stanniferous W-(Sn) skarn mineralisation near to Felbertal tungsten mine, Tauern Window, Eastern Alps</i></p>	<p>A. Beqiraj, M. Mussi, S. Bublaku, M. Catania: <i>Use of Hydrochemical and Isotopic Indices to Trace Water Leakages from Lake Badovc (Kosovo) and Lake Koman (Albania)</i></p>	

September 13, 2018

	Lecture Hall Blue (HS 402)	Lecture Hall Green (HS 403)	Lecture Room Red (HS 413)
	GT11-1 Petroleum systems and hydrocarbon exploration in the Carpathian-Balkan region; <i>Convenors: R. F. Sachsenhofer & G. Tari</i>	GT10-2 From subduction to post-collision: tectonics, magmatism and ore deposit controls along the Anatolian-Caucasian-Iranian segment of the Tethys belt; <i>Convenors: H. Rezeau, M. Hässig & R. Moritz</i>	C: Cultural Geology: Composition, technology and provenance of archaeological artifacts; <i>Convenors: C. Ionescu, B. Bajnóczy, A. Přichysta & H. Suzuki</i>
8:30 - 8:50	J. Golonka, A. Waskowska, K. Starzec, G. Machowski, M. Stefaniuk, K. Pietsch, P. Marzec: <i>Polish Carpathians south of Kraków: geology and unconventional hydrocarbons potential</i>	R. Moritz: <i>Subduction-related to post-collision porphyry and epithermal systems: Lessons from the SE European-Anatolian-Caucasian segment of the Tethys belt</i>	A. Přichystal: <i>Mica schists – principal raw materials for early medieval Slavic rotary querns in Moravia and Silesia (Czech Republic)</i>
8:50 - 9:10	P. Poprawa, G. Machowski, A. Maksym, B. Papiernik, P. Kosakowski: <i>Unconventional petroleum systems of the Polish Outer Carpathians and their Miocene Foredeep Basin</i>	M. Hässig, R. Moritz, A. Ulianov, N. Popkhadze, G. Galoyan, O. Erukidze: <i>Mesozoic to Early Cenozoic evolution of the Somkheto-Karabagh and Pontides Arcs: a regional study across Armenia, Georgia and Anatolia</i>	K. Šarić, S. Erić, D. Antonović, V. Cvetković, J. Šarić: <i>Mineralogical and petrological characteristics of igneous rocks used for making polished stone tools from the Eneolithic archaeological site Masinske Njive (Serbia)</i>
9:10 - 9:30	A. Vranjković, L. Cota, A. Majstorović Bušić, J. Dadić, D. Parlov, B. Nagl, A. Pleša, T. Troškot-Čorbić, N. Sabol, I. Vlahov, Ž. Habijanec: <i>Unconventional geological play concept of southwestern part of Neogene Pannonian basin (Croatia)</i>	M. Grosjean, R. Moritz, R. Melkonyan, S. Hovakimyan, A. Ulianov, H. Rezeau: <i>Link between Cenozoic magmatism and porphyry-epithermal systems in the Lesser Caucasus, Armenia: new temporal and geochemical constraints</i>	M. Rey-Solé, X. Mangado, M. P. Garcia-Argüelles, D. Román, F. n Colombo, A. Scherstén, T. Næraa: <i>Archaeopetrological studies nowadays: knowing the provenance of lithic tools by applying multidisciplinary analysis, from mineralogy to geochemistry</i>
9:30 - 9:50	V. Lemberkovics, E. K. Pável, B. Badics, K. Lőrincz: <i>Petroleum system analysis of small scale Miocene troughs in the Pannonian Basin, results of a 3D basin modeling case study from Southern Hungary</i>	N. Popkhadze, J. Royall, S. Cleghor, J. Neman, R. Hampton, J. Davies, K. Khmaladze, L. Gelashvili, T. Tedliashvili, R. Moritz: <i>Lithological control and facies architecture of the Late Cretaceous Kvemo Bolnisi Cu-Au prospect, Bolnisi mining district, Lesser Caucasus, Georgia</i>	K. Trnová, P. Gadas, L. Veverka, A. Přichystal, J. Bartík: <i>Petrography and mineralogy of metabasite-artefacts from the Neolithic settlement at Brno-Holásky and comparison with rocks from source region near Želešice, South Moravian Region, Czech Republic</i>
9:50 - 10:10	J. Francu, M. Pereszlényi, O. Krejčí, L. Jurenka, R. Prochac, P. Kyselak, V. Hladik: <i>LBR-1 structure for pilot CCS in the Vienna basin: lithological and tectonic 3D model</i>	L. Atayan, G. Galoyan, R. Melkonyan, S.-L. Chung, Y.-H. Lee, R. Khorenyan, S. Amiraghyan: <i>Jurassic magmatic evolution of the Somkheto-Karabagh tectonic zone, Lesser Caucasus</i>	M. Kohút: <i>Provenance of the Carpathian obsidians – View of geologist</i>
10:10 - 10:30	G. Georgiev, E. Marinovska, J. Stefanova, A. Ilieva: <i>Development of Early-Middle Jurassic hydrocarbon bearing basins in western part of Northern Bulgaria</i>	F. Rabayrol, C. J.R. Hart: <i>Syn-Collisional Porphyry and Epithermal Deposits along the Eastern Anatolian Magmatic Belt, Turkey</i>	H. Suzuki: <i>Culture geology – Salzburg to Japan</i>
	Coffee break	Coffee break	Coffee break
	GT11-1 Petroleum systems and hydrocarbon exploration, continued	GT10-2 From subduction to post-collision; continued GT5-1 Tectonometamorphic processes in Alpine and pre-Alpine orogenic belts; <i>Convenors: M. Janák, M. Vrabc, S. W. Faryad & D. Plašienka</i>	C: Cultural Geology, continued

11:00 - 11:20	G. Tari, M. Simmons: <i>Deepwater petroleum play types of the Black Sea</i>	S. Adamia, N. Sadradze, T. Beridze, K. Khmaladze, I. Javakishvili: <i>Tectonics, magmatic and metallogenic evolution of Georgia and adjacent areas</i>	V. Mozgai, B. Bajnóczy, Z. May, E. Pernicka, I. Fórizs, Zs. Mráv, M. Dági, M. Tóth: <i>The use of handheld XRF and LA-QICP-MS in the analysis of the late Roman Seuso Treasure – implications on composition, provenance and technology</i>
11:20 - 11:40	A. Okrostsvardiz, S.-L. Chung, Y.-H. Chang, N. Gagnidze, D. Bluashvili: <i>Analysis of Magmatic Processes of the Paleogenic Adjara-Trialeti Fold-Rift Zone, Lesser Caucasus: Implication for the Zircons U-Pb Geochronology</i>	K. Akimidze, A. Okrostsvardize, N. Gagnidze, S.-L. Chung: <i>Magmatism and Ore Occurrences of the Kakheti and Tusheti regions, Greater Caucasus, Georgia</i>	B. Borgers, C. Ionescu, S. Willems, R. Clotuche: <i>Understanding Roman potters' technology at Fanum Martis, Northern France, using a compositional approach</i>
11:40 - 12:00	P. Csicsák, B. Márton, O. Sztanó: <i>Shelf collapse, tilting and hydrocarbon trap formation on deltaic to slope deposits (Újfalú and Algyő Formations), Battonya-high, Late Miocene Pannonian Basin</i>	S. Hovakimyan, R. Moritz, R. Tayan, R. Melkonyan, M. Grosjean, H. Rezeau: <i>Structural control of the Cenozoic porphyry and epithermal deposits during Tethyan subduction to post-collision evolution of the Lesser Caucasus</i>	C. Ionescu, V. Hoeck, Á. Gál, L. Barbu-Tudoran, M. Bajusz: <i>Fe-gehlenite formation in ancient ceramics: A firing or a primary composition indicator?</i>
12:00 - 12:20	D. Misch, D. Gross, R. F. Sachsenhofer, A. Bechtel, R. Gratzner: <i>Conventional and unconventional petroleum systems in the Ukrainian Dniepr-Donets-Basin: A comprehensive source rock study</i>	A. Okrostsvardize, S.-L. Chung, Y.-H. Chang, N. Gagnidze, D. Bluashvili: <i>Analysis of Magmatic Processes of the Paleogenic Adjara-Trialeti Fold-Rift Zone, Lesser Caucasus: Implication for the Zircons U-Pb Geochronology</i>	B. Bajnóczy, M. Szabó, K. Fintor, A. Korom: <i>Chemical composition and colourants of Early Sarmatian mosaic (millefiori) face and checker beads found at Dunakeszi (Hungary)</i>
12:20 - 12:40	B. S. Nabawy: <i>Reservoir Quality Assessment for Hydrocarbon-bearing rocks using MICP Test s</i>	F. Neubauer, J. Genser, B. Heberer, X. Liu, G. Friedl, M. Bernroider, Y. Dong: <i>Pre-Alpine basement units in the southernmost Austroalpine domain: Significance for Alpine-Carpathian tectonics and paleogeography</i>	A. Szakács, Ágnes Gál, Corina Ionescu: <i>World-class mineral type localities in Romania</i>
12:40 - 13:00		T. Berza, H. G. Krättner: <i>Alpine nappe structure of the Danubian Window, South Carpathians</i>	A. Ahmad: <i>The study of the effects of temperature changes on archaeological marble from Jordan</i>
	Lunch break	Lunch break	Lunch break
	GT6 Minerals – building blocks of rocks and man-made materials: Properties, stability, and alteration processes; <i>Convenor: A. Lüttge</i>	GT5-1 Tectonometamorphic processes in Alpine and pre-Alpine orogenic belts, continued	GT17 Open Session; <i>Convenor: Bernhard Salcher</i>
14:00 - 14:20	C. Ionescu (Keynote Presentation): <i>Mineralogical insights into the composition and microstructure of ancient ceramics</i>	M. K. Reiser, G. Săbău, E. Negulescu, R. Schuster, P. Tropper, B.d Fügenschuh: <i>Alpine, Permian and Variscan metamorphism in the Tisza and Dacia Mega-Units: Sm-Nd garnet and U-Th-Pb monazite dating in the Apuseni and Rodna Mountains (Romania)</i>	M. Bubík: <i>Two decades of restored detail geological survey 1:25 000 in Moravian Carpathians (Czech Republic)</i>
14:20 - 14:40	G. Grieco, M. Bussolesi, A. Eslami, R. Mastrapasqua: <i>Mineralogical and textural parameters affecting the production of refractory chromite sands: the Khajeh-Jamali enrichment plant, Southern Iran</i>	M. Vrabec, M. Janák, B. Ambrožič, V. Sasinková, K. Yoshida, N. R. Šmuc, S. Šturm: <i>Microstructural and crystallographic characteristics of diamond and moissanite from Pohorje UHP terrane, Eastern Alps, Slovenia</i>	R. Muci, O. Fociro: <i>Effects of cement and fly ash on engineering properties of clayey soil</i>

14:40 - 15:00	F. Şengün: <i>TitaniQ thermometer and trace element composition of rutile in metaophiolitic rocks from the Kazdağ Massif, Biga Peninsula, NW Turkey</i>	M. Putiš, X.-H. Li, Q. Li, Y.-H. Yang, O. Nemeč, X.o Ling, F. Koller, D. Balen, P. Ružička: <i>Permian pyroxenite dykes in harzburgite associated with eclogites (Austro-alpine Unit, Eastern Alps); origin and tectono-meta-morphic evolution constrained by zircon U–Pb ages</i>	O. Fociro, Redi Muçi: <i>An algorithm based on particle swarm optimization for determining grain size from digital images of sediment</i>
15:00 - 15:30	Coffee break	Coffee break	Coffee break
15:30 - 16:20	Postersession	Postersession	Postersession
	GT6 Minerals – building blocks of rocks and man-made materials, continued	GT5-1 Tectonometamorphic processes in Alpine and pre-Alpine orogenic belts, continued	GT17 Open Session, continued
16:20 - 16:40	G. Beqiraj, L. Hadzic, E. Mamani: <i>Mineralogical study of historical mortar from Kikino House monument, Gjirokastër, Albania</i>	F. Şengün, T. Zack, G. Topuz: <i>Trace element characteristics of rutile and Zr-in-rutile thermometry of high-pressure metamorphic rocks from northwest Turkey</i>	H. Preshlenov: <i>(Re)used building materials as economic and cultural indicators along the Southwestern Black Sea area in Late Antiquity and beyond</i>
16:40 - 17:00	H. Walter, E. Pál-Molnár, K. Fintor, L. Kiri: <i>Fluid inclusions in post-magmatic diopsides of Jolotca ore field (Ditrău Alkaline Massif)</i>	M. Georgieva, T. Vladinova, Z. Cherneva: <i>Kyanite-andalusite gneisses from Thracian lithotectonic unit (Parvenets complex), Bulgaria: refining the peak metamorphic conditions</i>	T. Steiner: <i>Rocklogger – can a smartphone replace a geological compass?</i>
17:00 - 17:20	A. Lüttge: <i>New Insight on a Seasoned Topic: Crystal Dissolution Kinetics Revisited</i>	F. Hrouda, S. W. Faryad, M. Putis: <i>Magnetic fabric of serpentinized ultramafic rocks and its bearing on deciphering their tectonic history (examples from West Carpathians and Bohemian Massif)</i>	V. Šaraba, S. Popović: <i>Carbonate biomineralization at the points of emergence of selected mineral waters in Serbia</i>
17:20 - 17:40		C.-M. Wu, Z. Li, H.Y.C. Wang, Q. W.-L. Zhang, J.-H. Liu, M.-Y. Shi, V. T. Pham, H. C.G. Zhang, Q.-L. Li: <i>Clues of ultra-high pressure metamorphism of the Paleozoic Dunhuang Orogenic Belt, northwest China</i>	V. Simić, I. Delić, N. Andrić, F. Abramović, Z. Miladinović, D. Životić: <i>The need for sustainable supply mix of aggregates in the City of Belgrade (Serbia)</i>
17:40 - 18:10	Lecture Hall Blue (HS 402): Closure session & Outlook to CBGA 2022 Conference in Bulgaria		