

„ГЕОНАУКИ 2008“ – “GEOSCIENCES 2008”

Програма

Program

Четвъртък, 11 декември 2008 г., зала 4
December 11, 2008, hall 4

Регистрация: 9:00 – 10:00
Registration: 9:00 – 10:00

Тържествено откриване 10:00–10:15
Opening Ceremony Доц. Стр. Страшимиров – Председател на БГД; Доц. Руслан Костов – Председател на БМД

Доайените в българската минералогия – поканен доклад Проф. Б. Маврудчиев 10:15–10:45

Секция: Геоложко наследство, зала 4
Председател: Йоцо Янев
Session: Geological Heritage, hall 4
Chairman: Yotzo Yanev

The mineralogical exposition of the National Museum of Natural History – Bulgarian Academy of Sciences Svetoslav Petrussenko, Chavdar Karov, Iliа Dimitrov 10:50–11:10

Geocatastrophic events in the newest geological history of the Black Sea and human adaptation Petko Dimitrov, DimitarDimitrov, Krasimira Slavova 11:10–11:30

Methane-related fluid migration and processes of carbonate diagenesis – study of a paleo-seep system (Pobiti Kamani area, Varna, Bulgaria) Eva De Boever, Lyubomir Dimitrov, Rudy Swennen, Philippe Muchez 11:30–11:50

Antique iron slags from Rosen mine area, Eastern Srednogorie, Bulgaria – preliminary geological, mineralogical and geochronological results Radoslav Nakov, W. Edwin Sharp 11:50–12:10

Актуална информация; Actual information

Металогенна карта на България, М 1: 500 000 (проект) Петко Попов, Камен Попов 12:10–12:30
Metallogenetic map of Bulgaria, Scale 1:500 000 (a projekt) Petko Popov, Kamen Popov

Обедна почивка 12:20 – 14:00
Lunch break

Секция: Минералогия и геохимия, зала 4
Председател: Руслан Костов
Session: Mineralogy and Geochemistry, hall 4
Chairman: Ruslan Kostov

Geochemistry of trace elements in hydrothermally altered rocks from Pesovets epithermal system, Central Srednogorie Atanas Hikov, Lilan-Anna Daieva 14:00–14:20

Beryllium mineralisation in Pb-Zn ore deposit Krushev dol, Madan district Zhivka Janakieva, Chavdar Nachev, Shukri Sirakov 14:20–14:40

Application of the sequential extraction procedure for speciation of some trace elements in sediments and dump materials (East Maritza Basin, Bulgaria) Zlatka Milakovska, Nadejda Lihareva 14:40–15:00

Nanolites in the Eastern Rhodopean perlites – preliminary TEM study Yotzo Yanev, Pascale Besson, Diana Nihtianova 15:00–15:20

Alteration of monazite in the Igralishte granite pluton, Southwestern Bulgaria Mihail Tarassov, Eugenia Tarassova, Iskra Piroeva 15:20–15:40

Кафе-пауза 15:40 – 16:00
Coffee Break

Секция: Петрология, зала 4
Председател: Росен Недялков
Session: Petrology, hall 4
Chairman: Rosen Nedialkov

Metamorphic rocks from Dospat area of Western Rhodopes – conventional and in situ U-Pb zircon dating, isotope tracing and correlations	<i>Albrecht von Quadt, Irena Peytcheva, Stoyan Sarov, Kalin Naydenov, Neven Georgiev</i>	16:00–16:20
The assemblage garnet-clinopyroxene-plagioclase-quartz in products of melting from the Central Rhodope	<i>Zlatka Cherneva, Ianko Gerdjikov, Pierre Gautier, Valerie Bosse, Milena Georgieva</i>	16:20–16:40
New manifestation of the intrusive K-alkaline Variscan magmatism from Shipka, Stara Planina Mts., Bulgaria	<i>Momchil Dyulgerov</i>	16:40–17:00
Geochemical and isotopic (Sr, Nd, Pb, O) variations of Oligo-Miocene Alkaline basalts in Bulgaria: implications for the role of asthenosphere, mantle lithosphere and the crust in their petrogenesis	<i>Peter Marchev, Orlando Vaselli, Hilary Downes, Laura Pinarelli, Peter Larson, Zoltan Pécskay, Raya Raicheva</i>	17:00–17:20
Sources and evolution of Late Cretaceous magmatism in Eastern Srednogorie, Bulgaria: constraints from petrology, isotope geochemistry and geochronology	<i>Svetoslav Georgiev, Albrecht von Quadt, Irena Peytcheva, Peter Marchev</i>	17:20–17:40
Eclogites from Arda tectonic unit – mineralogy and evidence for short-leaved granulite facies overprint	<i>Philip Machev, Kristina Kolcheva</i>	17:40–18:00

Петък, 12 декември 2008 г., зала 105A
December 12, 2008, hall 105A

Секция: Геодинамика, структурна геология, регионална геология
Председател: Живко Иванов
Session: Geodynamics, Structural geology, Regional geology
Chairman: Zhivko Ivanov

Holocene fault activity along the northern branch of the Maritsa fault zone	<i>Alexander Radulov, Asen Mitev</i>	9:00–9:20
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The turbulence theory – a new geodynamic concept	<i>Boyko Rangelov</i>	9:20–9:40
New data for the ammonite zonation of the Barremian Stage in a part of Northeastern Bulgaria	<i>Marin Ivanov, Vyara Idakieva</i>	9:40–10:00
A hypothesis for the origin of the Sub-Balkan plains	<i>Ivan Dimitrov Ivanov</i>	10:00–10:20
Tectonic structures of the Cenomanian sediments of the East Stara Planina Mountain	<i>Mitko Paskalev, Petar Petrov</i>	10:20–10:40

Кафе-пауза
Coffee Break **10:40 – 11:00**

Seismostratigraphic Segmentation of Quaternary Sediments in the Region of Michurin Saddle-South Bulgarian Black Sea Shelf	<i>Orlin Dimitrov</i>	11:00–11:20
New view on the structure of the Peshtera graben (North Rhodopes)	<i>Stiliyan Moskovski, Tomislav Jelezarsky, Alexandra Harkovska</i>	11:20–11:40
Lithotectonic subdivision of the Western Rhodopes and parts of Eastern Pirin	<i>Stoian Sarov, Neven Georgiev, Kalin Naydenov, Emilia Voinova, Krastina Kolcheva</i>	11:40–12:00
Voluminous granitoid magmatism along a major Variscan tectonic zone in Central Balkanides	<i>Ianko Gerdjikov, Anna Lazarova, Eleonora Balkanska, Dimo Dimov</i>	12:00–12:20

Обедна почивка
Lunch break **12:20 – 14:00**

Секция: Геоекология, зала 105A
Председател: Томас Керестеджиян
Session: Geoecology, hall 105A
Chairman: Thomas Kerestedjian

Mineralogy of the heavy metal and metalloid pollution of the Ogosta river floodplains, NW Bulgaria	<i>Vassilka Mladenova, Tsvetan Kotsev, Irena Ivanova, Zornitsa Cholakova, Dimitrina Dimitrova, Ralf-Thomas Schmitt</i>	14:00–14:20
Phosphates in stream-sediment pan-concentrated samples from Montana District, Bulgaria	<i>Oleg Vitov</i>	14:20–14:40

Main postdepositional alterations of the psammitic clastic sediments from the Paleogene Padesh Basin, SW Bulgaria	<i>Yavor Stefanov, Athanas Chatalov</i>	14:40–15:00
Extreme characteristics of the Black Sea level along the Bulgarian coastline	<i>Dobromir Grozdev</i>	15:00–15:20
Erosion of soils and the ground desertification in Southwest Bulgaria (Ograzhden and Maleshevska Mountains)	<i>Ekaterina Ivanova</i>	15:20–15:40

**Кафе - пауза
Coffee Break**

15:40 – 16:00

Mineralogical – technological aspects of the ore petrography of porphyry – copper deposit “Elatsite”	<i>Ivan Donchev, Svetla Encheva</i>	16:00–16:20
Lithostratigraphic subdivision of the Paleozoic sedimentary and metasedimentary rocks in the Kraishte region: a review	<i>Valeri Sachanski</i>	16:20–16:40
The role of deep hypergenesis for forming mineral raw materials	<i>Margarita Tokmakchieva</i>	16:40–17:00
Cation exchange capacity in shallow soils from Vitosha Mountain as indicator for clay minerals	<i>Nataliya Zhivkova, Paraskev Petrov</i>	17:00–17:20

Закриване: Национален музей „Земята и хората“ – 18:30

Коктейл за участниците и традиционна „Коледна вечер на геолога“

Представяне на книгата „По пътя на съкровищата“ – разкази от живота на един геолог, автор – проф. д-н Тодор Маринов.

Closing party: National Museum “Man and Earth” – 18:30

Cocktail for the participants and the traditional “Christmas party of the geologist”

A presentation of the book “On the Road of the Treasures” – stories from the life of one geologist, author – Prof. DSc Todor Marinov

**ПОСТЕРНА СЕСИЯ, ЗАЛА 2
POSTER SESSION, HALL 2**

**Петък 12 декември 2008 г.
December 12, 2008**

9:00 – 17:30

**ГЕОХИМИЯ И МИНЕРАЛОГИЯ
MINERALOGY AND GEOCHEMISTRY**

New synthetic microporous zirconosilicate and its structural relations with the mineral parakeldyshite

Vladyslav Kostov-Kytin, Keiko Fujiwara, Noriaki Nakayama, Rosica Nikolova

Zn-exchanged clinoptilolite from Beli plast deposit, Eastern Rhodopes, Bulgaria

Luiza Terziyska, Georgi Kirov, Ognyan Petro, Nadejda Liharev

Electronmicroscopic and spectroscopic investigation for glass-ceramic from bulgarit

Mariana Sviretcova, Mihail Doynov, Ludmil Bozadjie

Mn-rich norsethite from Kremikovtsi ore deposit

Nikola Zidarov, Ognyan Petrov, Mihail Tarassov, Zhelyazko Damyanov, Eugenia Tarassova, Vilma Petkova, Yuri Kalvachev, Zlati Zlatev

Compositional variation in the rhodonites from the metasomatic Pb-Zn deposits in Central Rhodope

Rositza Vassileva

**ПЕТРОЛОГИЯ
PETROLOGY**

Accessory titanite associated with magma mixing in Petrohan pluton (Western Balkan)

Elena Tacheva, Albrecht von Quadt, Irena Peytcheva

U-Pb zircon dating of granites and orthogneisses from the Madan unit in the Arda river valley, Central Rhodopes, Bulgaria

Emilia Raeva, Irena Peytcheva, Maria Ovtcharova, Zlatka Cherneva

Successions of crystallization in potassic-alkaline quartz syenites from the Svidnya association

Lyudmil Grozdanov, Mitko Popov, Konstantin Uzunov

Pl-Sp coronas around kyanite – evidence for HT (granulite facies) metamorphism in the metapelites from the Western slope of Pirin Mnt. (Serbo-Macedonian massif)

Philip Machev, Lutz Hecht

ПАЛЕОНТОЛОГИЯ И СТРАТИГРАФИЯ
PALEONTOLOGY AND STRATIGRAPHY

Lithostratigraphic subdivision of the Upper Silurian and Devonian deposits in the Svoge anticline: a review

Valko Angelov, Stoyan Tanatsiev, Valeri Sachanski

The late Westphalian D – Early Cantabrian palynology of Europe and the Canadian maritimes

Tatyana Dimitrova, Christofer Cleal

СЕДИМЕНТОЛОГИЯ
SEDIMENTOLOGY

Trace elements distribution in black clay sediments and dump materials (East Maritza Basin, Bulgaria)

Zlatka Milakovska

Microfacies in the Devonian sediments from the boreholes of Northeastern Bulgaria

Slavcho Yanev

ГЕОДИНАМИКА, СТРУКТУРНА ГЕОЛОГИЯ, РЕГИОНАЛНА ГЕОЛОГИЯ
GEODYNAMICS, STRUCTURAL GEOLOGY, REGIONAL GEOLOGY

U-Pb zircon dating and field relationships of the Protopopintsi metagranite with Sredogriv metamorphites (NW Bulgaria)

Hristo Kiselinov, Albrecht von Quadt, Irena Peytheva, Stefka Pristavova

Fault-generated landforms in the eastern part of Simitli graben (SW Bulgaria): a tectonic geomorphology approach

Ianko Gerdjikov, Svetoslav Dimitrov

НАХОДИЩА НА МИНЕРАЛНИ СУРОВИНИ
MINERAL OCCURRENCES

Metallogeny of the Northeastern Rhodopes depression

Vladimir Georgiev

Gold-bearing potential of the alluvium in the Louda Yana and Topolnitsa Rivers' catchment basins

Gergana Bakalova

ГЕОЛОЖКО НАСЛЕДСТВО
GEOLOGICAL HERITAGE

The Preserved Heritage of Academician Ivan Kostov in the Mineralogy, Petrology and Mineral Deposits Museum of the Sofia University "St. Kliment Ohridski"

Elena Neykova, Anka Rusinova

ПРОБЛЕМИ НА ОКОЛНАТА СРЕДА
ENVIRONMENT

Average characteristics of the wind and significant wind wave in southwestern part of the Black Sea

Dobromir Grozdev

Recent sulphate minerals: A result of weathering of pyrite

Radostina Atanassova