

SOCIETY OF ECONOMIC
GEOLOGY OF ROMANIA



“ALEXANDRU IOAN CUZA”
UNIVERSITY, IASI



UNIVERSITY OF
BUCHAREST



GEOLOGICAL INSTITUTE
OF ROMANIA



“LUDOVIC MRAZEC”
SOCIETY



THE 11th INTERNATIONAL SYMPOSIUM ON ECONOMIC GEOLOGY

“MINERAL RESOURCES IN THE 21st CENTURY”

5th - 8th September 2018, Iași, Romania

PROGRAM



VENUE

Department of Geology, “Alexandru Ioan Cuza” University of Iași,
Building B, 2nd Floor

Wednesday, 5th September 2018

16:00 - 18:00 Registration of the participants
Department of Geology

Thursday, 6th September 2018

08:30 - 9:30 Registration of the participants
Department of Geology

9:30 – 10:00 Official opening of the Symposium
Room B6

Chairmen **Ovidiu Gabriel IANCU**

The President of the Senate - "Alexandru Ioan Cuza" University of Iași

Corneliu IAȚU

Vice-rector for Institutional Development - "Alexandru Ioan Cuza" University of Iași

Adrian GROZAVU

Dean of Faculty of Geography and Geology - "Alexandru Ioan Cuza" University of Iași

Gheorghe DAMIAN

President of SGER, Technical Univ. Cluj - Napoca – North Center Baia Mare

10:00 - 11:00 Plenary lectures
Room B6

Chairmen: **Gheorghe DAMIAN**
Ovidiu Gabriel IANCU

10:00 - 10:30 **Gheorghe C. POPESCU**

Ludovic Mrazec - founder of the Romanian Economic Geology

10:30 - 11:00 **Haino Uwe KASPER**

The Lanthanides in Geology - Economy - Ecology

11:00 - 11:20 Coffee break
Room B569

11:20 - 12:40 Oral presentations
Room B6

Chairmen: **Marian MUNTEANU**
Haino Uwe KASPER

11:20 - 11:40 **Adolf Heinrich HORN, Paulo Roberto Antunes ARANHA, Henrique Chaves JONCEW**

Combined mineralochemical, statistical and geophysical (GPR) data as support for the exploration of pegmatite-hosted gemstones: Example from the Santa Rosa Mine, MG, Brazil

11:40 - 12:00 **Ioan PINTEA, Maria-Lidia NUȚU-DRAGOMIR, Sorin Silviu UDUBAȘA, Daniel BÎRGĂOANU, Luisa Elena IATAN, Ion BERBELEAC, Oana-Claudia CIOBOTEA-BARBU**

Hydrosilicate aqueous-, and vapor - "melt" inclusions in some specific rocks and minerals from Romania

12:00 - 12:20 **Heloiza M. HORN, Adolf Heinrich HORN, Regynaldo A. SAMPAIO, Essaid BILAL**
Decontamination of middle to low-grade contaminated areas, using a lowcost method

12:20 - 12:40 **Dumitru BULGARIU, Laviniu APOSTOAE, Vlad ANDRIESEI, Paul IVĂȘCANU**
Posibilități de separare recuperativă a unor componente utili din resurse secundare

12:40 - 14:40 Lunch break (for registered participants)
Titu Maiorescu

14:40 - 16:00 Oral presentations *Chairmen: **Adolf Heinrich HORN**
Gheorghe C. POPESCU*
Room B6

14:40 - 15:00 **George DINCĂ, Gheorghe C. POPESCU, Oana - Claudia CIOBOTEA - BARBU, Daniel BÎRGĂOANU**
Silver sulfotellurides and other Te-sulfosalts in alabandite-bearing veins from Săcărâmb Au-Ag-Te ore deposit, Metaliferi Mountains, Romania

15:00 - 15:20 **Réka KOVÁCS, Călin G. TĂMAȘ**
New geochemical data and mineralogical interpretation for Cisma ore deposit, Gutâi Mountains

15:20 - 15:40 **Mădălina Paula ANDRII, Călin Gabriel TĂMAȘ**
Ore mineralogy and geochemistry relationships in Băița Bihor ore deposit, Apuseni Mountains, Romania - Blidar Contact case study

15:40 - 16:00 **Adrian Theodor TONCO, Antonela NEACȘU, Delia Georgeta DUMITRAȘ**
Evaluation of the present demand and supply of gems, minerals and rocks of aesthetic value in the exhibitions organized by the Geological Institute of Romania - National Museum of Geology

16:00 - 16:20 Coffee break
Room B569

16:20 - 17:40 Oral presentations *Chairmen: **Dan STUMBEA**
Sorin UDUBAȘA*
Room B6

16:20 - 16:40 **Iulia NEGREA, Gheorghe C. POPESCU, Monica MACOVEI**
Spherulites from Letea levee sand – Danube Delta

16:40 - 17:00 **Andreea - Elena MAFTEI, Andrei BUZATU, Nicolae BUZGAR, Andrei - Ionuț APOPEI**
Spatial distribution of trace elements in the Tazlău River sediments: source identification and evaluation of ecological implications

17:00 - 17:20 **Daniel BÎRGĂOANU, Gheorghe DAMIAN, Andrei BUZATU**
The Fe content in the sphalerites from the Breiner-Băiuș deposit

17:20 - 17:40 **Marius C. SANDU, Gabriel O. IANCU, Ciprian CHELARIU, Mihai NICULIȚĂ**
Preliminary study on the geochemistry of stream sediments from Grințiesul Mare brook, Eastern Carpathians, Romania

17:40 - 18:30 Poster presentations & Coffee break
Department of Geology Hallway

- 1. Doru-Toader JURAVLE, Florinel Fănică FLOREA, Ioan PODAȘCĂ, Gabriela DROBOTĂ, Carmen LUPUȘANSCHI, Vasile TRANDAFIR, Alexandra SCARLET, Tiberiu-Costin DUMITRU, Daniel BALA, Florin ARTIMON**
Geologia și resursele minerale ale Obcinei Mestecănișului. Aplicație în teren
- 2. Paulo Roberto Antunes ARANHA, Adolf Heinrich HORN, Henrique Chaves JONCEW**
Use of GPR in pegmatite mining: example of a sheetlike body from northern Minas Gerais, Brazil
- 3. Elena-Luisa IATAN, Ion BERBELEAC**
Neogene mineralizations of Bucium Rodu-Frasin Au-Ag deposits, South Apuseni Mountains, Romania
- 4. Călin G. TĂMAȘ, Paul IVĂȘCANU, Gabriela BENA, Laurențiu IGNA, Nicolae HAR**
Neogene distal skarn mineral assemblage from Ruda Brad, Apuseni Mountains, Romania
- 5. Ioan E. BARBU, Gheorghe BRĂNOIU**
Depositional systems for the sedimentary deposits from the Lighidia perimeter, Bozovici, Caraș-Severin county
- 6. João P. S. KESSLER, Thiago P. ARAUJO, Fernando M. MELLO, Essaid BILAL**
Characterization of clay minerals from the reject of the sand extraction in Capela de Santana-RS, Brazil
- 7. Andreea-Elena MAFTEI, Andrei BUZATU, Nicolae BUZGAR, Andrei-Ionut APOPEI**
Preliminary assessment of anthropogenic contribution and influencing factors on major elements and total organic carbon in Tazlău River sediments, Romania
- 8. Lucica NICULAE**
The dynamics, geomorphology and the relationship of the mass movement with the geology in the Subcarpathian Area, between the Buzău and the Călnău Rivers
- 9. Fernando M. MELLO, Essaid BILAL, Gustavo N. C. MESQUITA, Maria Eduarda L. R. TEODORO, Thiago P. ARAUJO, Frédéric GALLICE**
Background and reference values for the cadmium contents of brazilian soils compared
- 10. Radu MIRON, Dan STUMBEA, Gabriel Ruiz de ALMODOVAR, Katarzyna SUTKOWSKA, Lola YESARES**
Mineralogical and geochemical aspects of the Klucze I Zn-Pb ore deposit, Poland
- 11. Safaa Abdulhadi ALSHAWI, Gheorghe C. POPESCU, Daniela DIMOFTE**
Overview of heavy minerals study in the south and southwest of Iraq

18:30 - 19:15 Closure of the Symposium & SGER members meeting
Room B6

19:30 Official dinner (for registered participants)
Titu Maiorescu

Friday - Saturday, 7 - 8th September 2018

Field trip

Ulm - Mănăila - Pârâul Cailor - Breaza (for the registered participants)

Friday, 7th September 2018

08:00	Departure from IAȘI to ULM open-pit
11:00	ULM mining activity
16:00	MĂNĂILA open-pit
19:00	Accommodation at Steaua Nordului, Sadova
20:00	Evening dinner

Saturday, 8th September 2018

07:30	Breakfast
09:00	PÂRÂUL CAILOR open-pit
11:00	BREAZA serpentinite quarry
16:00	VORONEȚ Monastery
20:00	Arrival to IAȘI

Partners:

S.C. GEOMOLD S.A.,
CÂMPULUNG
MOLDOVENESC



S.C. FLOREXYM SRL,
IACOBENI

