



PROGRAM

GEOȘTIINȚELE ÎN SECOLUL XXI

Simpozion

dedicat aniversării a 80 de ani a Profesorului Emil Constantinescu

Marți 22 octombrie 2019

Facultatea de Geologie și Geofizică, amfiteatrul Ludovic Mrazec
București, 22 Octombrie 2019

9:30-10:00 Înregistrare participanți

DESCHIDERE FESTIVA

Amf. L. Mrazec, N. Bălcescu nr. 1

10:00-11:30

Alocuțiuni din partea reprezentanților Academiei Române, Universității din București, Universității Babeș-Bolyai Cluj Napoca, Universității „Al. I. Cuza” Iași, ai institutelor de cercetare, prietenilor și colegilor.

11:30-11:45 Pauza tehnică

PREZENTARI IN PLEN

Amf. L. Mrazec, N. Bălcescu nr. 1

Moderator: Nicolae Anastasiu

11:45-12:20

Mihai Ducea

Missions, opportunities and challenges of the Earth Sciences in the 21st Century: Trends in Higher Education, Fundamental and Applied Research

12:20-12:55

Nicolae Anastasiu

The energy mix - the key to performance in the 21st century

12:55-13:30

Nicolae Panin

The involvement of the Romanian Academy in the Sustainable Development Strategy of Romania in the following 20 years and in the National Strategy in the Field of Research and Innovation for the Romanian Danube Region

13:30-14:30 Pranz la Casa Universitarilor

SESIUNI STIINTIFICE

1. Mineralogie, Cristalografie, Resurse minerale

PA, Amf. L. Mrazec, N. Bălcescu nr. 1

Moderatori: Gheorghe Ilinca, Ștefan Marincea

14.30:14:45

Gheorghe Ilinca, Dan Topa

Cannizzarite in Romanian occurrences

14:45-15:00

Ștefan Marincea, Delia Georgeta Dumitraș

Ludwigite in magnesian skarns from Romania: A review

15:00-15:15

Delia Georgeta Dumitras, Ștefan Marinea, Aurora-Maruta Iancu, Ciprian Constantina

Brushite from several caves in Southern Romania: Crystallographic and infrared data

15:15-15:30

George Dincă, Gheorghe C. Popescu

New minerals from Săcărâmb ore deposit

15:30-15:45

Ion Petreuş, Viorel Ionesi

The cellular crystallography of Braarudosphaera bigelowii

15:45-16:00

Tatiana I. Ivankina, Sergey E. Kichanov, Octavian G. Dului, Safa Yusuf, Mohamed M. Sherif

The structure of scleractinian coral skeleton analysed by neutron tomography and neutron diffraction

16:00-16:15

Gheorghe C. Popescu, Antonela Neacșu

The odyssey of minerals resources vs. necessities, possibilities and requirements

16:15-16:30

Constantin Pene

Evaluation of the unconventional hydrocarbon resources from Romania

16:30-16:45

Pandele Neculae

Geosciences' Support for the Oil & Gas Business Success

2. Petrologie, Vulcanism, Tectonica

Sala 1C, Bd. N. Bălcescu nr. 1

Moderatori: Marinel Kovacs, Gavril Săbău

14:30-14:45

Gavril Săbău

The nepheline syenitic intrusions in Southern Banat: agpaitic character, evolution trends and qualitative HFSE and REE budget

14:45-15:00

Gavril Săbău, Elena Negulescu

Fluids strike back - alkaline autometasomatism and peralkaline melt generation at the contact of the Măgureaua Vaței pluton, South Apuseni Mountains

15:00-15:15

Marinel Kovacs, Alexandrina Fülöp, Zoltán Pécskay

Miocene volcanism in Gutâi Mountains. State of the art

15:15-15:30

Viorica Iancu, Gabriel Bindea, Antoneta Seghedi

Tectonic inversion and related tectono-metamorphic zonation in the pre-Alpine Getic-Supragetic and Danubian basement of the South Carpathians

15:30-15:45

Denisa Jianu, Cezar Iacob, Andra Mârza, Georgian Mănuc, Vlad Victor Ene, Ema Bobocioiu

Connection between some of the shear zones from Romania and mantle anisotropy

15:45-16:00

Ioan Pinte

Fluid and melt inclusions in minerals: applications in geosciences

3. Paleontologie, Sedimentologie

Sala 2A, Amf. Sabba Ștefănescu, Bd. N. Bălcescu nr. 1

Moderator: Mihaela Carmen Melinte-Dobrinescu

14:30-14:45

Mihai Emilian Popa, Gaëtan Guignard

Preliminary approach for fine insights in *Cycadopteris obtusifolia* from Romania, using transmission electron microscopy, chemical elements and epifluorescence

14:45-15:00

Mihaela C. Melinte-Dobrinescu, Nicolae Panin, Gheorghe Oaie, Dan Secrieru, Gabriel Ion, Dan Vasiliu, Radu-George Dimitriu

Elaboration of Romanian Black Sea geological and geophysical maps: State of the art

15:00-15:15

Dan Jipa, Cornel Olariu

Sedimentary history of the Albian conglomerates from the Carpathian Bend zone

15:15-15:30

Lia Stelea

Atmospheric pressure in paleoclimate. Introduction and importance

15:30-15:45

Țicleanu Mircea, Țicleanu Alexandru, Nicolescu Radu

39.53 model of the Solar System (based on geological phenomena cyclicity)

4. Geofizică, Geologie ambientală

Sala 2D, Bd. N. Bălcescu nr. 1

Moderatori: Crișan Demetrescu, Bogdan Mihai Niculescu

14:30-14:45

Dumitru Ioane, Irina Stanciu

Tectonic and geodynamic model for Vrancea seismic zone

14:45-15:00

Alexandra Muntean, Eduard Ilie Năstase, Victor Mocanu, Boudewijn Ambrosius

Usefulness of Romanian GNSS networks for geoscience purposes

15:00-15:15

Laurențiu Asimopolos, Natalia-Silvia Asimopolos

Processing of geophysical data from potential fields for 3D geological modeling

15:15-15:30

Bogdan Mihai Niculescu, Aurelian Neguț, Gina Andrei

Applications of Modern Borehole Geophysical Logging Methods to Subsurface Characterization

15:30-15:45

Ionelia Panea

Effects of phase variations on the signal-to-noise ratio of crooked line seismic data recorded for hydrocarbon exploration

15:45-16:00

Lidia-Maria Nuțu-Dragomir, Florina Chitea

Combined geological and geoelectrical methods in the study of Convolute Flysch Nappe near the tectonic contact with the Macla Nappe (Fieni, Dâmbovița county)

16:00-16:15

Daniel Scrădeanu, Mihaela Scrădeanu

Assessment and Forecasting of Pollution due to accidental leaks on Soil and Ground Water in Oil Extractive Industry

16:15-16:30

Venera Dobrică, Crișan Demetrescu

Pământul în context solar și heliosferic. Clima și vremea spațială, subiecte ale secolului XXI.

16:30-16:45

Crișan Demetrescu, Venera Dobrică

Câmpul geomagnetic, una din cele mai vechi preocupări ale geofizicienilor, în secolul XXI.

5. Patrimoniul geologic, Geoconservare, Geoarheologie

Sala 2C, Bd. N. Bălcescu nr. 1

Moderator: Alexandru Andrișanu

14:30-14:45

Alexandru Andrișanu

Geoconservation as a new discipline within Geosciences

14:45-15:00

Ioan Denuț, Alexandra Sîngeorzan, Ioan Liviu Bereș

The Mineralogy Museum from Baia Mare at 30 years from the opening of the permanent exhibition

15:00-15:15

Monica Macovei, Dan Grigore, Ionuț Barbu, Iulia Danciu

Museum geoconservation - primary assessment on the condition of mineralogical samples containing pyrite/marcasite within the National Museum of Geology - Bucharest

15:15-15:30

Antoneta Seghedi, Titus Brustur, Mihaela Carmen Melinte-Dobrinescu

Studies of Geological heritage in GeoEcoMar: from geodiversity to geoconservation

15:30-15:45

Lucian Stanciu, Eugen Mocanu

Who's Who - 500 Romanian Geologists - Scientific Works

15:45-16:00

Constantin Haită

Geoarchaeology. Applications of Sedimentology and Soil micromorphology in Archaeology

6. SESIUNEA SCOLII DOCTORALE A FGG

Holul Departamentului de Mineralogie, Bd. N. Bălcescu nr. 1

Moderator: Mihai Emilian Popa

15:30-15:35

Eliza Anton, Mihaela-Carmen Melinte-Dobrinescu

Biostratigraphy of the Istria Basin (NW Black Sea Shelf) based on calcareous nannofossils

15:35-15:40

Nicolae Călin, Delia-Georgeta Dumitraș, Ștefan Marincea, Eduard Ghinescu

Minerals indicated for the first time in Conțu pegmatites fields, Cindrel Mountains, Romania

15:40-15:45

Alina Coman, Elena Florinela Manea, Carmen Ortanza Cioflan, Mircea Radulian

Investigations of the sedimentary structure along Transylvanian Basin

15:45-15:50

Raluca Dinescu, Ioan Munteanu, Corneliu Dinu, Mihaela Popa

Discrimination between shallow earthquakes and quarry blasts recorded in Deva region during 2010-2018 time interval

15:50-15:55

Elena Florinela Manea, Erzsébet Győri, Alina Coman, Carmen Ortanza Cioflan, Mircea Radulian

Non-invasive investigations along the Pannonian Basin

15:55-16:00

Adrian-Iulian Pantia, Andra-Elena Filiuță, Sarolta Lőrincz

Blue Quartz in Romania - a preliminary mineralogical study

16:00-16:05

Iulian Pojar, Friederike Stock, Christian Kochleus

Microplastics in surface waters from the Northwestern Black Sea. An abundance and composition approach

16:05-16:10

Adrian Popa, Adrian Teacă, Mihaela Mureșan, Gabriel Ion, Begun Tatiana, Mihai Popa

Habitat mapping on the Romanian shelf based on multibeam bathymetry and sidescan sonar measurements, integrated with geological and biological data

16:10-16:15

Cristina Sava, Ștefan Marincea

Vesuvianite in high-temperature skarns from Romania: a review

16:15-16:20

Robert Szabo, Gheorghe C. Popesc, Delia-Georgeta Dumitraș, Ciprian Constantina

New mineral occurrences on the north side of Vâlcan Mountains

SESIUNEA DE POSTERE

Holul Departamentului de Mineralogie, Bd. N. Bălcescu nr. 1

Alexandra-Constanța Dudu, Constantin-Ștefan Sava, Sorin Anghel, Corina Avram

Carbon Capture and Storage activities of GeoEcoMar. An overview

Paulina Hîrtopanu

Rare Earth minerals in Ditrău alkaline intrusive complex, Eastern Carpathians, România

Elena-Luisa Iatan

Environmental problems associated with the mining activities in the Apuseni Mountains, Romania

Raluca Maftei, Radu Fărnoaga, Adrian Tătaru, Constantina Filipciuc, Elena Tudor

The role of UAV (Unmanned Aerial Vehicle) in the study of landslides

Viorica Milu, Moha Ikenne, Antoneta Seghedi, Mustapha Souhassou, Nourissaid Içame, Mihaela Carmen Melinte-Dobrinescu, Alexandru Andrășanu, Iuliana Lazăr

Geoheritage of the Anti-Atlas (Morocco): a natural treasure in support of sustainable development

Ioan Munteanu, Corneliu Dinu

Contractional polarity changes, insights from analog modeling and the Black Sea case

Țicleanu Mircea, Țicleanu Alexandru, Nicolescu Radu, Octavian Colțoi, Culescu Flori

Cyclostratigraphic chart of the Meso - Neozoic (Cenozoic) time

16.30-17.15

Pauza de cafea

Incheierea lucrarilor simpozionului

**Vizitarea expozitiei *Comori si marturii ale pretuirii - Minerale. Artefacte de metale pretioase si pietre semipretioase*
Muzeul National de Geologie**