



Emil Racoviță Institute of Speleology
Romanian Academy, Biology Section



Karst Science Days Symposium, 14 November 2025 Bucharest, Romania

- Final program-

Link for online participation:

<https://us06web.zoom.us/j/81053798843?pwd=Cj3je0UVx2zqbc9LoskhSDbZjqEVC0.1>

Meeting ID: 810 5379 8843

Passcode: 289995

Everyone is welcome to participate!!

10:00-10:15 Opening

10:15-10:45 Invited talk

Biró A. - The *Asellus aquaticus* species complex as a model to understand the morphological aspects of adaptation to cave life

10:45-11:00

Coadă D., Bădăluță C., Dumbravă R., Battes K. P., Iepure S. - Groundwater-dwelling harpacticoids in the karst aquifers of the Apuseni Mountains (Northwestern Romania): diversity, distribution and endemism

11:00-11:15

Manolachi L.-V., Grigore G.-A., Tănase E.-A., Barbu I., Popescu R.-G., Marinescu G. C., Pecete I., Drăgușin V., Măruțescu L., Chifiriuc M. C., Georgescu S. E. - Culture-dependent and independent approach for investigating bat guano microbiome

11:15-11:45 Coffee Break

11:45-12:15 Invited talk

Pennos C., Pechlivanidou S., Skoglund R., Zacharias S. - Clastic sediment accumulations to unravel speleogenetic conditions. Insights from Maaras cave in Northern Greece

12:15-12:30

Kolbükten M., Shen C.-C., Huang C.-Y., Ünal-İmer E., Baykara M. O. - Reconstructing western Türkiye's hydroclimate since the Late Glacial using stalagmites from Börtlüce Cave (Kula, Manisa)

12:30-12:45

Novak U., Šebela S. - Crustal deformations in Postojna Cave: a natural underground monitoring laboratory



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12:45-13:00

Caminschi M., Chirica M. C., Drăgușin V., Mirea I.-C., Vasile Ș. - New information from a less known Late Pleistocene–Holocene vertebrate site – Taxonomic and taphonomic investigations from Stoieni Cave (Mehedinți Mountains, Romania)

13:00-13:45 Lunch Break

13:45-14:15 Invited talk

Băncilă R. - Flexible in the dark: Phenotypic plasticity as a key mechanism of cave life in troglophilic species

14:15-14:30

Pop M. M., Moț A. C., Di Lorenzo T., Andrei Ș., Motoc R. M., Iepure S. - From morphology to phylogeny: Adaptive traits of *Eucyclops subterraneus scythicus* in the sulfidic waters of Movile Cave

14:30-14:45

Puiu D.-Ș., Nae A., Vlaicu M. - Preliminary insights on two closely related species of the genus *Carpathonesticus* (Araneae, Nesticidae)

14:45-15:00

Sambor O., Perșoiu A., Tudorache A., Marin C., Camacho A. I., Șarcani B., Battes K. P., Coadă D., Iepure S. - Shedding light on cold caves aquatic fauna: Ghețarul de la Vârtope Cave (Northwest Romania)

15:00-15:30 Coffee Break

15:30-16:00 Invited talk

Lacheux M., Horoi V., Barbecot F., Müller C., Masse-Dufresne J.
HydroSciences (Geotop–UQAM–ÉTS): An Excellent Canadian Research Group
Case Study: The IDPR Index as a Rapid Method to Identify Infiltration and Runoff Zones — What About Karst Areas?

16:00-16:15

Kern Z., Hatvani I. G., Tanos P., Zang Y., Kaushal N., Lechleitner F., Hidas A., Treble P.
The SISAL_monv1 database of cave-site rainfall, drip-water and modern carbonate isotopes

16:15-16:30

Dang H. F., Caminschi M., V. Drăgușin, R. E. Ionete, Iordache A. M., Mirea I.-C., Șandru C., Vlaicu M., Zgavarogea R. - Hydrogeochemical parameters of karst and thermo-mineral waters in the Motru–Cerna karst area (SW Romania) and their relationship with multi-decadal climate variability



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**16:30-17:00 Citizen Science poster session
Manolescu Ș.**

Hydrochemical and flow characteristics of karst springs in the Sarmatian limestones of Southern Dobrogea (SE Romania): suitability and vulnerability assessment

**17:00-17:30 Invited talk
Daniel Cleary**

Organic biomarkers as a proxy for cave air temperature

17:30-17:45

Preda A., Toader R., Motoroi A., Dumitru I., Georgescu V. - Limits and perspectives in the use of GIS in the Vârghiș Gorges (Perșani Mountains, Romania)

17:45-18:00

Toader R., Georgescu V., Stănescu M., Crișan H. F., Geambașu I.
Hoților Cave - The first intention to create an archaeological museum inside a cave in Romania, revealed by archival documents

November 15th-19th 2025

Field trip

The karst of Cerna-Motru (SW Romania)