



7th International Workshop
"Neogene of Central and
South Eastern Europe"
Velika, Croatia, May 28-31, 2017

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PROGRAMME

Sunday, May 28

17.00 – 21.00 Arrival, registration of participants and welcome party

Monday, May 29

OPENING CEREMONY

Educational and Visitors Centre of the Papuk Geopark, Stjepana Radića 46, Velika

09.00 – 10.00 Welcome speech and plenary lectures

Valentina Hajek-Tadesse, Organizing Committee
Lilit Cota, president of the Croatian Geological Society
Vlado Boban, Mayor of Velika
Alen Jurenac, director of the Nature Park Papuk

10.00 – 12.00 Invited lectures, Chair: Bruno Tomljenović

Jasenka Sremac (Faculty of Science, University of Zagreb): Amazing biodiversity of Miocene reefs

László Csontos (MOL Hungarian Oil and Gas Company): Late inversions and uplifts in a rift basin: a Pannonian basin review

Oleg Mandic (Natural History Museum Vienna): Cernikian - a new Plio-Pleistocene regional stage of the southern Pannonian basin

12.00 – 14.00 Lunch break

14.00 – 15.15 Scientific sessions, Chairs: Ljupko Rundić & Barbara Studencka

- 14.00 – 14.15 **Kurečić, T.** et al.: Facies analysis, mineral assemblage and provenance of Pliocene sediments from the area of Vukomeričke Gorice (Central Croatia)
- 14.15 – 14.30 **Márton, E.** et al.: Tentative correlation to the standard polarity time scale of a 100m long drill core from the Turiec Basin, Slovakia
- 14.30 – 14.45 **Šujan, M.** et al.: Pliocene to Quaternary alluvial depositional systems of the northern Danube Basin: application of the $^{10}\text{Be}/^{26}\text{Al}$ burial dating method on borehole samples
- 14.45 – 15.00 **Ivančič, K.** et al.: Petrographic analysis of Miocene sedimentary rocks in Slovenj Gradec Basin
- 15.00 – 15.15 **Kováč, M.** et al.: Neogene palaeogeography and basin evolution of the Western Carpathians

15.15 – 15.45 Coffee break

15.45 – 17.00 Scientific sessions, Chairs: Michal Kováč & Larisa Golovina

- 15.45 – 16.00 **Špišić, M.** et al.: Micropaleontological study of the Middle Miocene section Ciprovac, Dilj Mt.
- 16.00 – 16.15 **Popov, S.** et al.: Pontian Regiostage of the Eastern Paratethys and connections with Mediterranean at Late Miocene
- 16.15 – 16.30 **Magyar, I.** et al.: Taxonomy and paleoecology of *Budmania* Brusina, a subgenus of *Lymnocardium*, from the Upper Miocene of the Pannonian Basin
- 16.30 – 16.45 Mudie, P.J. et al. (presented by **Bakrač, K.**): *Thalassiphora balcanica*: morphology and paleoecology of a Pontian-stage dinoflagellate cyst
- 16.45 – 17.00 **Yavuzlar, G.** & Sagular, K.E.: New chrono-biostratigraphic interpretations based on calcareous nannofossils of Lower Miocene marine deposits located between Burdur and Isparta (SW Turkey)

18.30 – 19.30 Požega tour

20.00 Conference dinner (Zlatni lug, Donji Emovci 32, Požega)

Tuesday, May 30

8.00 – 18:00 Field trip to the Slavonian Mts

08:00 Meeting point - Educational and Visitors Centre of the Papuk Geopark, Velika

Stop 1 – POLJANSKA - Early-Middle Miocene salina-type and open lake deposits

Stop 2 – POŽEGA - Long-lived brackish water lake in the Central Paratethys backyard

Stop 3 – BUKOVA GLAVA - A Middle Miocene marine deposition with pyroclastics

Stop 4 – VRANOVIĆ - Disintegration of the Central Paratethys and origin of the Lake Pannon

Stop 5 – ZDENCI QUARRY - Badenian fossiliferous shallow marine carbonates with fragments of rhyolite volcanic rock

Stop 6 – PETNJA - The Termination of Lake Pannon and the Origin of Lake Slavonija

Wednesday, May 31

08.30 – 09.45 Scientific sessions, Chairs: Jasna Tadej & Stjepan Ćorić

08.30 – 08.45 **Brlak, M.** et al.: Bioeroded rocky shores and calcareous plankton stratigraphy of the Middle Miocene (Badenian) transgressive successions in the North Croatian Basin (Central Paratethys)

08.45 – 09.00 **Golovina, L.** et al.: The paleoenvironmental changes during the Konkian and definition of the Konkian/Sarmatian boundary in the Eastern Paratethys

09.00 – 09.15 **Rybár, S.** et al.: The middle Miocene deposits of the Northern Gabčíkovo-Győr depression (Danube Basin)

09.15 – 09.30 **Rundić, Lj.** et al.: Mio-Pliocene geodynamics and its stratigraphic consequences in the area of Avala Mt. (Belgrade, Serbia)

09.30 – 09.45 **Sebe, K:** Structural evolution of the Mecsek–Villány area (SW Hungary) during post-rift phase and basin inversion

09.45 – 10.15 Coffee break

10.15 – 11.30 Scientific sessions, Chairs: Imre Magyar & Krisztina Sebe

10.15 – 10.30 **Gruić Jukić, A.** et al.: Tectonic evolution of Drava depression and its impact on source rock distribution, hydrocarbon generation and migration

- 10.30 – 10.45 **Kolbah, S.** et al.: Integration of scientific views on Neogene of Valis Aurea with the geothermal-energy & oil/gas explorations
- 10.45 – 11.00 **Tadej J.** et al.: Depositional model of Early and Middle Miocene sediments in the oil field Bunjani, Sava Depression
- 11.00 – 11.15 **Bigunac, D.**: The earliest syn-rift sediments of the Eastern part of the CPBS
- 11.15 – 11.30 **Jakupec, E.** & Marić-Đureković, Ž.: Lithofacies classification of Upper Miocene sediments in the Sava basin from well log and core data using petrophysical software and indexed probabilized self organized map

11.30 – 13.00 Poster session

13.00 – 14.30 [Lunch break](#)

14.30 – 15.45 Scientific sessions, Chairs: Tadeusz Peryt & Marianna Kováčová

- 14.30 – 14.45 **Bošnjak, M.** et al.: Deep-marine mollusk assemblages in Middle Miocene (Badenian) deposits of the Medvednica Mt., Northern Croatia – today's point of view
- 14.45 – 15.00 **Studencka, B.** et al.: Badenian/Sarmatian boundary in the Central Paratethys: data from the Fore-Carpathian Basin in Poland
- 15.00 – 15.15 **Ćorić, S.** et al.: Changes in Middle/Upper Miocene calcareous nannoplankton assemblages (Central Paratethys; Našice; Croatia) – paleoecology and stratigraphy
- 15.15 – 15.30 **Cvetković, M** et al.: Lithostratigraphic subdivision of Lonja formation (approximate Pliocene, Pleistocene and Holocene) based on subsurface and surface data
- 15.30 – 15.45 **Premec Fućek, V.** et al.: Controversies on Karpatian and Badenian transgressions in Croatian part of the Pannonian Basin System (biostratigraphy and paleoenvironments)

16.00 – 17.00 Closing of the conference and invitation to the 8th International Workshop on NCSEE

Poster session (in alphabetical order)

Botka, D. et al.: The Early Pannonian (Late Miocene) stratigraphic research of the Transylvanian Basin (Romania): new biostratigraphic and authigenic $^{10}\text{Be}/^9\text{Be}$ isotopic data

Đerek, T. & Japundžić, S.: Comparison of Early Miocene flora from localities Planina and Poljanska in Northern Croatia

Japundžić, S. et al.: Dolphin remains (Cetacea: Odontoceti) from the Middle Miocene (Sarmatian) deposits near Našice, Croatia

Japundžić, S. et al.: First finding of the Sarmatian fish on the Dilj gora Mt.

Jasionowski M. et al.: Microbialite reefs of the Middle Miocene Carpathian Foredeep and Late Permian Zechstein basins - a comparison

Kallanxhi, M.E. & Ćorić, S.: Early to Middle Miocene calcareous nannofossils from Albanian-Thessalian Basin (Albania)

Kovács, E. & Pipik, R.: High-resolution analysis of organic and inorganic proxies variations in the Szák Formation, Lake Pannon - preliminary results

Márton, E. et al.: Correlation of Miocene volcanics by the combination of paleomagnetic marker horizons and magnetic polarities: new results from the Bükk and Mátra Mts, Northern Hungary

Mencin Gale, E. et al.: Progress in the provenance study of Plio-Quaternary sediments in Slovenia

Peryt, D. & Jasionowski, M.: Environmental changes at the Badenian/Sarmatian (Middle Miocene) transition in Central Paratethys (Kreminna, W Ukraine): foraminiferal evidence

Pezelj, Đ. et al.: Middle Miocene Badenian - Sarmatian sedimentary sequence in the area of Donje Orešje (Medvednica Mt., Croatia)

Raczyński, P. et al.: Bryozoan-microbialite reefs of the Sarmatian (Miocene) and Zechstein (Permian): a biota comparison

Radionova, E.: Modeling of ecological conditions in the Euxin basin in the Late Sarmatian and Maeotian by methods of diatom analysis

Radivojević, D. & Rundić, Lj.: Tectono-lithostratigraphic model of the Northern Banat Miocene sediments (Pannonian Basin, Serbia)

Rostovtseva, Y.V. et al.: The Konkian sedimentary regime in the Eastern Paratethys (Taman Region)

Sladović, Ž. & Garašić, V.: Red jasper occurrence in Srebrnjak hill, Samoborsko gorje Mt. as indication of possible volcanic activity

Studencka, B. et al: New data on the age of the Machów Formation deposits filling the Fore-Carpathian Basin in Poland: evidence from Przecław

Vernyhorova, Y.V.: Middle Miocene (Konkian of the Eastern Paratethys) foraminifera assemblages from the Southern Ukraine

Vesel Lukić, M. & Hajek Tadesse, V.: Badenian ostracods from Požeška gora and Papuk Mts

Zalović, M. et al: Geological boundary Sarmatian/Pannonian at the locality Vranović