

RCMNS Interim Colloquium Bucharest

27-30 September 2012

Conference Schedule

Wednesday 26 September

Venue

University of Bucharest, Faculty of Geology and Geophysics, Department of Geology,
1 Nicolae Balcescu, 2nd floor

- 16:00-19:00 **Arrivals of the participants and registration** (room “Ion Barbu”);
Visit the paleontology collection of the Department of Geology, Faculty of Geology and
Geophysics
- 19:00-..... **Icebreak party** (room 2C “Ion Simionescu”)

Thursday 27 September

Venue

University House, 46, Dionise Lupu Str.

8.00 – 9.00 – registration

General session

(Conference Room)

- 9:00-9:30 **Welcome ceremony**
- 9:30-10:00 Keynote
Ryan, W. B. F.
MEDITERRANEAN-PARATETHYS CONNECTIONS: INSIGHTS FROM ISOSTACY
- 10:00-10:30 Keynote
Frits Hilgen, Luc Lourens, Jan van Dam, Alan Beu, Andrew Boyes, Roger Cooper, Wout
Krijgsman, Jim Ogg, Werner Piller and Doug Wilson
ATNTS2012
- 10:30-11:00 **Coffee Break**

Session 1 : Paratethys - Palaeogeography, Stratigraphy and Mediterranean Interactions

(Conference Room)

Chairs: **Mihaela Melinte-Dobrinescu** and **Fabrizio Lirer**

- 11:00-11:30 Keynote
Harzhauser, M., Piller, W.E., Reuter, M. & Grunert, P.
PARATETHYS PALEOENVIRONMENTAL RECONSTRUCTIONS
- 11:30-12:00 Keynote
Mandić, O., De Leeuw, A., Neubauer, T.A., Harzhauser, M. & Krijgsman, W.
DINARIDE LAKE SYSTEM - MIOCENE DIVERSITY HOTSPOT REVISITED
- 12:00-12:20 **Grunert, P.**, Piller, W. E., Soliman, A., Čorić, S., Hinsch, R. & Harzhauser, M.
STRATIGRAPHIC CONSTRAINTS FOR THE OLIGOCENE-EARLY MIOCENE NORTH ALPINE FORELAND BASIN: BEYOND REGIONAL CONCEPTS AND TOWARDS CORRELATION WITH THE INTERNATIONAL TIME SCALE
- 12:20-12:40 **Melinte-Dobrinescu, M. C.**
THE OLIGOCENE-MIOCENE BOUNDARY IN ROMANIA: STATE OF THE ART
- 12:40-13:00 **Jipa, .D. C.**
DACIAN BASIN SEDIMENTARY HISTORY: STATE OF THE ART
- 13:00-14:30 **Lunch Break**
- 14:30-15:00 **Posters Session (Part 1)** - posters can be displayed for two days during the conference
(Lecture Room, next to the main Conference Room)
- 15:00-15:20 **Bartol, M.**, Mikuž, V., Horvat, A.
PALEONTOLOGICAL EVIDENCE OF COMMUNICATION BETWEEN THE CENTRAL PARATETHYS AND THE MEDITERRANEAN DURING THE LATE BADENIAN/SERRAVALLIAN
- 15:20-15:40 **Kováč, M.**, Hudáčková, N., Halásová, E., Kováčová, M., Hlavatá, J., Pereszlényi, M., Sopková, B. and Synak, R.
MIDDLE AND UPPER MIOCENE PALEODANUBE DELTA SYSTEM HISTORY
- 15:40- 16:00 **Vasiliev, I.**, Reichart, G. J., Sangiorgi, F., Krijgsman, W. & van Roij, L.
NEGATIVE HYDROLOGICAL BUDGET OF THE BLACK SEA DURING THE MESSINIAN SALINITY CRISIS OF THE MEDITERRANEAN
- 16:00-16:20 **Van Baak, C. G. C.**, Grothe, A., Stoica, M., Aliyeva, E., Vasiliev, I. & Krijgsman, W.
PALEOENVIRONMENTAL RECONSTRUCTIONS AND CHRONOSTRATIGRAPHIC DATING OF THE SOUTH CASPIAN BASIN – LATEST MIOCENE TO RECENT
- 16:20-16:40 **Stoica, M.**, Crihan, I.M., Popescu, G., Floroiu, A., Krijgsman, W., van Baak, C., Vasiliev, I., Lazăr, I., & Melinte-Dobrinescu, M.C.
A HIGH-RESOLUTION BIOSTRATIGRAPHIC MARKER AT 6 MA IN THE EASTERN PARATETHYS
- 16:40-17:00 **Daneshian, J.** & Derakhshani, M.
COMPARISON OF MIOCENE FORAMINIFERA FROM NORTH OF CENTRAL IRAN (TETHYS) TO NORTH FLANKS OF ALBORZ MOUNTAINS (PARATETHYS) IN IRAN
- 17:00-17:30 **Coffee Break**

Session 2: Salinity Crises

2.1: Badenian Salinity Crisis

(Conference Room)

Chairs: **Michal Kováč** and **Dan Jipa**,

17:30- 18:00 Keynote

Babel, M.

THE BADENIAN SALINITY CRISIS

18:00-18:20 **De Leeuw, A.**, Bukowski, K., Krijgsman, K., Kuiper K. F., Stoica, M. & Tulbure, M.
CHRONOLOGY OF THE BADENIAN SALINITY CRISIS OF THE CENTRAL
PARATETHYS

18:20-18:40 **Rădan, S.**

CLAY MINERAL ASSEMBLAGES AND THEIR ORIGIN IN THE MIOCENE SALT
DEPOSITS OF ROMANIA

18:40-19:00 **Bukowski, K.**

BADENIAN SALT SEDIMENTATION IN THE CARPATHIAN FOREDEEP BASIN
(POLAND) BASED ON GEOCHEMICAL AND ISOTOPIC RESEARCH

19:00-19:20 **Frunzescu, D.**

BADENIAN SULPHATIC EVAPORITIC SEQUENCES FROM PIATRA VERDE
(SLĂNIC-TEIȘANI, PRAHOVA COUNTY)

19:30 **Conference diner** (University House Restaurant, 46, Dionise Lupu Str.)

Friday 28 September

Session 3: Terrestrial Systems

(Conference Room)

Chairs: **Wout Krijgsman** and **Madelaine Böhme**

9:00-9:30 Keynote

Agustí, J.

THE VALLESIAN MAMMAL TURNOVER: A LATE MIOCENE RECORD OF
DECOUPLED LAND-OCEAN EVOLUTION

9:30-10:00 Keynote

Böhme, M.

MIOCENE PALAEO-ENVIRONMENTAL RECONSTRUCTIONS

10:00-10:20 **Vasilyan, D.**, Böhme, M., Zazhigin, V. & Winklhofer, M.

MIO-PLIOCENE HERPETOFAUNA OF WESTERN SIBERIA AND ITS
PALAEOCLIMATIC SIGNIFICANCE

10:20-10:40 **Casanovas-Vilar, I.**, Van den Hoek Ostende, L.W., Furió, M. & Madern, P.A.

THE RANGE AND EXTENT OF THE VALLESIAN CRISIS IN ITS TYPE AREA

10:40-11:10 **Coffee Break**

11:10-11:30 **Begun, D. R.** & Nargolwalla, N.

MORPHOLOGICAL AND PALEOBIOGEOGRAPHICAL EVIDENCE FOR THE
DISPERSAL OF HOMININES INTO AFRICA IN THE LATE MIOCENE

11:30-11:50 **Mazza, P.**

HOPLITOMERYCIDAE (RUMINANTIA, CENTRAL-SOUTHEASTERN ITALY):
WHOM FROM?

- 11:50-12:10 **Masini, F.**, Savorelli, A. & Mazza, P
THE ABRUZZO-APULIAN (CENTRAL AND SOUTHEASTERN ITALY) FOSSIL FAUNA, NEW CHALLENGES FOR PALEONTOLOGISTS AND PALEOBIOGEOGRAPHERS
- 12:10-12:30 **Cherin M.**, Iurino D. & Sardella R.
ACINONYX PARDINENSIS (CROIZET ET JOBERT, 1828) FROM THE EARLY PLEISTOCENE OF PANTALLA (CENTRAL ITALY)
- 12:30-13:00 **Posters Session (Part 2)** (Lecture Room)
- 13:00-14:30 **Lunch Break**

Session 2: Salinity Crises (continuation)

2.2: Messinian Salinity Crisis

(Conference Room)

Chairs: **Marco Roveri** and **Johanna Lofi**

- 14:30-15:00 Keynote
Lugli, S., Gennari R., Manzi V. Roveri M. & Schreiber C.
THE MESSINIAN SALINITY CRISIS: A FACIES PERSPECTIVE
- 15:00-15:20 **Manzi, V.**, Gennari R., Lugli S., Roveri M., Hilgen F.J., Krijgsman W. & Sierro F.J.
AGE REFINEMENT OF THE ONSET OF THE MESSINIAN SALINITY CRISIS IN THE MEDITERRANEAN
- 15:20-15:40 **Cosentino, D.**, Cipollari, P., Darbaş, G., Gliozzi, E., Grossi, F., Gürbüz, K., Nazik, A. & Radeff, G.
CONSTRAINING THE MESSINIAN SALINITY CRISIS IN THE EASTERN MEDITERRANEAN (ADANA BASIN, TURKEY)
- 15:40-16:00 Camerlenghi, A., deLange, G., Flecker, R., Garcia-Castellanos, D., Hübscher, C., Krijgsman, W., **Lofi, J.**, Lugli, S., McGenity, T., Manzi, V., Panieri, G., Rabineau, M., Roveri, M. and Sierro, F.J.
DEEP-SEA RECORD OF MEDITERRANEAN MESSINIAN EVENTS (DREAM)
- 16:00-16:20 **Dela Pierre F.**, Clari P., Natalicchio M., Bernardi E., Lozar F., Lugli S. & Violanti D.
BIG BACTERIA FILAMENTS IN THE EUXINIC SHALE FROM THE PRIMARY LOWER GYPSUM UNIT (PIEDMONT BASIN, NW ITALY): VESTIGES OF MESSINIAN CHEMOTROPHIC MICROBIAL MATS
- 16:20-16:40 **Lozar F.**, Bernardi E., Dela Pierre F., Gennari R., Natalicchio M., Violanti D. & Clari P.
CALCAREOUS NANNOFOSSIL BIOEVENTS HERALDING THE ONSET OF THE MESSINIAN SALINITY CRISIS IN THE TERTIARY PIEDMONT BASIN: A CHRONOSTRATIGRAPHIC TOOL AT THE BASIN SCALE?
- 16:40-17:10 **Coffee Break**
- 17:10-17:30 **Natalicchio, M.**, Dela Pierre, F., Lugli, S., & Ferrando, S.
A FLUID INCLUSION STUDY OF THE PRIMARY LOWER GYPSUM OF THE PIEDMONT BASIN (ITALY): PRECIPITATION FROM EVAPORATED SEAWATER?
- 17:30-17:50 **Gliozzi, E.**, Grossi, F. & Cosentino, D.
DISPERSAL EVENTS OF THE PARATETHYAN OSTRACOD SPECIES IN THE PALAEO-MEDITERRANEAN DOMAIN DURING THE MESSINIAN SALINITY CRISIS
- 17:50-18:10 **D'Amico, C.**, Bracone, V., Esu, D., Frezza, V., & Guerrieri, P.
PALAEOONTOLOGY AND STRATIGRAPHY OF THE LATEST MESSINIAN-LOWER PLIOCENE DEPOSITS IN THE APENNINES: NEW INSIGHTS FROM MOLISE (SOUTHERN ITALY)

- 18:10-18:30 **İslamoğlu, Y.**, Tekin, E., Varol, B. & Sözeri, K.
MOLLUSCAN ASSEMBLAGES AND ECOSTRATIGRAPHIC-
PALEOBIOGEOGRAPHICAL IMPLICATIONS OF THE EARLY PLIOCENE DEPOSITS
FROM THE EASTERNMOST MEDITERRANEAN REGION (HATAY BASIN, SE
TURKEY)
- 18: 30-19:00 **Closure Ceremony**
18:30- 18:40- **Çağatay, M. N.**. 14th RCMNS Istanbul Congress: Neogene to Quaternary
Geological Evolution of Mediterranean, Paratethys and Black Sea

Post-conference field trip

"Neogene deposits in South-East Carpathians"

Saturday, 29 September

8:30 – Departure from Hotel Tempo

Bucharest- Slanic Prahova, Valeni de Munte, Cerasu, Buzau Valley.

Overnight in Berca –“Casa Matei Pension” and Plescoi- “Speranta Pension”:

Objectives: Salt Mine at Slanic Prahova, Badenian tuff, gypsum and Globigerina marls at Piatra Verde (The “Green Stone”), Lower Miocene gypsum at Cerasu, Oligocene deposits along Buzau Valley section, Mud Volcanoes at Paclele Mici

Sunday, 30 September

8:30-Departure

Berca-Beceni, Vintila Voda, Lopatari (Slanicul de Buzau Valley)

Objectives: Lower Miocene salt diapir at Lopatari, Upper Miocene and Pliocene deposits along Slanicul de Buzau Valley

Field trip leaders:

Marius Stoica (University of Bucharest)

Mihaela C. Melinte-Dobrinescu (National Institute of Marine Geology and Geo-ecology)

Dan Palcu (University of Bucharest)