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## NECLIME meeting programme

**Dear colleagues and members of NECLIME,**

We are pleased to welcome you at the next annual NECLIME meeting from **25<sup>th</sup> to 28<sup>th</sup> October 2007** at the Faculty of Science in Comenius University in Bratislava, Slovakia.

The meeting place is very easy to find – by bus nr. 32 from the main railway station or by tram 1, 4, 5, 9, 12 (bus and tram stop Botanicka zahrada).

*Mio/Pliocene climate in Eastern and Western Eurasia:  
Comparing data from Europe and China*

The main scientific topic.

Today the eastern and western coasts of Eurasia are under very different climatic conditions influenced by the predominant atmospheric and oceanic circulation. During the Neogene these conditions changed severely. The patterns and changes of the European climate have been studied intensively by NECLIME during the last years. In parallel, a lot of work has been done by Chinese NECLIME members to reconstruct the climate development in China. One session of our meeting should be devoted to the combination and comparison of these results.

*The influence of vegetation on climate: evidence from  
Plants and vertebrate proxy-data and modelling*

The second scientific topic of our meeting should be the discussion and integration of the results from different sources concerning the development of climate and vegetation. There are still a lot of open questions concerning the timing and progress of the expansion of grasslands on the one hand, and the influence of this development on climate change on the other. Independent sources of information like vertebrates, plants, climate and vegetation modelling can help to unravel the various interferences between climate and vegetation.

Moreover, we should discuss together possible NECLIME related activities at the forthcoming conferences in 2008.

And not at last, we will take the opportunity to celebrate together in Bratislava the publication of the first NECLIME synthesis volume.

## Thursday, October 25<sup>th</sup>

Arrival of participants.

Accommodation in the Hotel Družba. You can individual visit historical centre of Bratislava and more information about city you will find here: <http://www4.bratislava.sk/en/>.



**COMENIUS UNIVERSITY Bratislava**  
**Hotel Družba, Student dormitory Družba**  
**Botanická 25, 842 14, Bratislava**  
<http://www.hotel-druzba.sk>

Družba is situated near the city centre, just 10 minutes by trams No. 1, 4, 5, 9, 12, accessible by cars and buses from all directions as well. The tram and the bus stops are called Botanická záhrada (Botanical garden). There is also a large parking area at Družba with garages and wheel-locks to rent.

Each room has a bathroom, e.g. a bathtub and a toilet, satellite TV, radio, refrigerator and a telephone for incoming calls.

All of you have an accommodation booked on your name according your requirements Confirmation about the payment you will get at the hotel reception.

Breakfast is not included to the accommodation. Snacks are available from the buffet and drinks are also served in a pleasant atmosphere of the Havana bar.

Unfortunately, there is no possibility to pay your accommodation by credit card and you will need cash money for that. You can change money in the change offices e.g. at the bus station, airport, but there is close to faculty a bank – TATRAbanka and front of the main entrance to our faculty is installed cash dispenser.

During the evening you can visit historical centre in Bratislava.

## Friday, October 26<sup>th</sup>

### Oral presentations

(Room B-313, AMOS conference centre at the Faculty of Sciences)

- |       |   |
|-------|---|
| 9:00  | Marianna Kováčová, Angela A. Bruch - Welcome and introduction   |
| 10:00 | Linda M. Larsson<br>Climatic cooling at the Oligocene / Miocene transition – palynological evidence from Jylland, Denmark |
| 10:25 | Mathias Harzhauser, Oleg Mandic, Davor Pavelic  |

Astronomical forcing of depositional systems and mollusc radiations in the Miocene Dinaride Lake System

- 10:50 *coffee break*
- 11:15 Patrick Grunert, Mathias Harzhauser, Stefan Müllegger, Werner Piller, Fred Rögl  
Early Miocene (Ottangian) coastal upwelling along the Bohemian Massif revealed by stable isotope data ( $\delta^{18}\text{O}$ ,  $\delta^{13}\text{C}$ ) of planktonic foraminifera
- 11:40 Madelaine Böhme, August Ilg  
Precipitation in the Paratethys Area during the Middle and Late Miocene
- 12:05 Angela Bruch, Stanila Iamandei, Eugenia Iamandei, Valentin Paraschiv  
Neogene paleoclimate in Carpathian area. An evaluation based on a synthesis of the Neogene paleofloras from Romania and Moldova Republic.
- 12:30 *lunch break (Della CASA restaurant)*
- 14:00 Ivanov, D., Utescher, T., Ashraf, A.R., Slavomirova E., Djorgova N., Bozukov, V., Mosbrugger, V.  
Vegetation characteristic and dynamic in three late Miocene lacustrine basins derived from pollen data: differences and agreements
- 14:25 Utescher, T., Ivanov, D., Bozukov, V., Ashraf, A.R., Mosbrugger, V.  
Cyclic climate and vegetation change in the Pontian of Western Bulgaria
- 14:50 Edoardo Martinetto, A. Bertini, A.A. Bruch., A. Cilia, Z. Kvacek :  
Quantitative climatic evaluation of a rich Pliocene leaf, fruit and pollen assemblage from Fossano, NW Italy.
- 15:15 Svetlana Syabryaj, Serge Molchanoff, Alexej Ivanov  
The vegetation and climate of the Transcarpathians and South-Eastern Ukraine during the Pliocene
- 15:40 *coffee break*
- 16:05 - 18:30 Angela Bruch: a short course on the application of the Coexistence Approach
- 19:00 *Dinner in the Della Casa restaurant*

**Saturday, October 27th**

- 9:00 Steffen Scharrer, Angela A. Bruch, Uwe Kircher, Ivan Gabrielyan  
Vegetation Changes in Armenia in the Plio-/Pleistocene – Preliminary results
- 9:25 Khum N. Paudyal

Miocene Vegetation and their climatic implication from the Siwalik succession (Karnali River section) of the Nepal Himalaya

- 9:50 Mark Herrmann  
Reconstruction of vegetation and climate history from Late Miocene to Pleistocene based on palynological evidences from Zada Basin (Tibet) - Preliminary Results
- 10:15 Johanna Kovar-Eder  
The flora of Changbai, Miocene
- 10:40 *coffee break*
- 11:05 M. Serkan Akkiraz, Funda Akgün, Mustafa Bozcu, Sevinç Kapan Yeşilyurt, Ayşe Bozczu  
Palynological record from the Late Oligocene and Miocene of BİGA Peninsula (NW Turkey), with emphasis on mangrove
- 11:30 Mine Sezgül Kayseri  
Vegetation and Climate of Ören region (western Anatolia) in the Oligocene and Early Miocene
- 11:55 Mine Sezgül Kayseri, Funda Akgün  
Early Middle Miocene (Langhian) period in north of the Gökova Gulf (western Anatolia)
- 12:20 Laureline Scherler, Becker, D., Berger, J.-P.  
Large mammals and flora of the Swiss Molasse Basin: a proxy for the climate evolution during Oligocene and Early Miocene, preliminary results.
- 12:45 *lunch break (Della CASA restaurant)*
- 14:00 Eronen, J.T., Mirzaie, M., Karme, A., Micheels, A., Fortelius, M., Bernor, R.L.  
The Rise and Fall of Pikermian Chronofauna
- 14:25 Arne Micheels, Angela Bruch, Jussi Eronen, Mikael Fortelius, Matthias Harzhauser, Volker Mosbrugger, Dieter Uhl, Torsten Utescher  
Late Miocene Climate Model Experiments
- 14:50 A.-J. Henrot, L. François, G. Munhoven, A. Micheels  
Modelling the interactions between past vegetation and climate changes
- 15:15 U. Salzmann, A. M. Haywood, D. J. Lunt  
Vegetation of a Warmer World: A new Global Biome Reconstruction and Data-Model Comparison for the Middle Pliocene
- 15:40 *coffee break*

**NECLIME - quo vadis?**

**(chair: Volker Mosbrugger)**

- 16:05           Lars van den Ostende  
                  Towards a holistic view of European ecosystems
- 16:30           Volker Mosbrugger  
                  “The role of culture in the early expansions of humans” possible NECLIME  
                  contributions to a new interdisciplinary project
- 17:00           Open discussion
- 20:00           *Della CASA restaurant “special issue release party”*

**Posters** will be installed in front of the AMOS conference centre.

**List of participants:**

Mathias HARZHAUSER  
Mehmet Serkan AKKIRAZ  
Khum Narayan PAUDAYAL  
Mark HERRMANN  
Torsten UTESCHER  
Angela A. BRUCH  
Volker MOSSBRUGER  
Dimitar IVANOV  
Lars van den HOEK OSTENDE  
Laureline SCHERLER  
Jussi ERONEN  
Funda AKGÜN  
Mine Sezgül KAYSERI  
Stanila IAMANDEI  
Eugenia IAMANDEI  
Linda LARSSON-LINDGREN  
Alexandra HENROT  
Svetlana SYABRYAJ  
August ILG  
Serge MOLCHANOFF  
Madeilene BÖHME  
Alexej IVANOV  
Patrick GRUNERT  
Andrea KERN  
Steffen SCHARRER  
Lilla HABLY  
Boglarka ERDEI  
Zlatko KVAČEK  
Dr. Edoardo MARTINETTO, PhD.  
Teodoris VASILIS  
Arne MICHEELS  
Johanna EDER-KOVAR  
Nela DOLÁKOVÁ  
Jiřina DAŠKOVÁ

Jérôme PRIETO  
Ulrich SALZMANN  
Marianna KOVÁČOVÁ

Please, do not hesitate to ask me if you will have some questions and comments.

See you soon in Bratislava!  
*Marianna Kováčová and Angela Bruch*

For any, case here you are the contacts:

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