

# Annual Conference of the Association for Environmental Archaeology (AEA)

September 12-15, 2007

VENUE: POZNAŃ ARCHAEOLOGICAL MUSEUM, POZNAŃ, POLAND



## Programme

### TUESDAY 11<sup>th</sup> SEPTEMBER 2007

Meeting at Poznań-Ławica Airport or Poznań Railway Station and transfer to hotels  
Registration and accommodation in hotels  
19:00 – 21:00 Dinner at the Restaurant “Sami Swoi”, Poznań - Old Market 99/100

### WEDNESDAY 12<sup>th</sup> SEPTEMBER 2007

7:00 – 8:00 *Breakfast - in hotels*

Venue:

**Poznań Archaeological Museum – The Górką Palace, Wodna 27**

8:00 – 9:00 Registration

9:00 – 9:20 Opening of the AEA Conference

*Chaired by* **Nicki WHITEHOUSE & Małgorzata LATAŁOWA**

*Welcome and introduction by*

**Dr Marek CHŁODNICKI** - *the Host of Poznań Archaeological Museum*

**Prof. dr hab. Stanisław LORENC** – Rector of Adam Mickiewicz University

**Mr Marek WOŹNIAK** – Marshal’s Office of the Wielkopolska Region in Poznań

**Mr Aleksander STARZYŃSKI** – The Head of Wielkopolska Voivodship Office for Monument Conservation

**Dr David ROBINSON** – The Chairman of the Association for Environmental Archaeology

**Dr Mirosław MAKOHONIENKO** – on behalf of the Organizing Committee

9:20 – 9:40 Opening lecture

**Environmental Archaeology and the AEA – Past, Present and Future**

**David Earle ROBINSON**

9:40 – 10:00    Opening lecture  
**Environmental archaeology in Japan: a new approach using annually laminated lake sediments**  
**Yoshinori YASUDA**

**Session 1: Man and environment interactions in the Atlantic regions of Western and Northern Europe (part 1)**

*Chaired by* **Nicki WHITEHOUSE & Małgorzata LATAŁOWA**

10:00 – 10:15    **Islands in a Common Sea**  
Jacqui MULVILLE

10:15 – 10:30    **Relationships between human culture and environment along the coast of western Norway through time**  
Kari L. HJELLE & Lene S. HALVORSEN

10:30 – 10:45    *Discussion*

10:45 – 11:00    *Coffee/Tea Break*

**Session 2: Man and environment interactions in the Atlantic regions of Western and Northern Europe (part 2)**

*Chaired by* **Yoshinori YASUDA & David Earle ROBINSON**

11:00 – 11:15    **Seed impressions and charred remains: comparing evidence for crops in Bronze Age Ireland**  
Meriel MCCLATCHIE

11:15 – 11:30    **Partial to pork at Llanmaes: a later prehistoric midden in the Vale of Glamorgan, Wales, UK**  
Richard MADGWICK

11:30 – 11:45    **Grain pests from Roman military sites: implications for importation, supply to Roman army and agricultural production**  
David SMITH

11:45 – 12:00    **Correlating Holocene land snail assemblages across Europe**  
Paul DAVIES

12:00 – 12:15    *Discussion*

12:15 – 13:45    *Lunch*

**Session 3: Man and environment interactions in Central and Eastern Europe (part 1)**

*Chaired by* **Ralph FYFE & Kazimierz KLIMEK**

14:00 – 14:15    **Švarcenberk (southern Bohemia) - Mesolithic lakeshore settlement and its impact on the local environment**  
Petr POKORNÝ, Petr ŠÍDA, Petr KUNEŠ, Ondřej CHVOJKA & Pavla ŽÁČKOVÁ

- 14:15 – 14:30 **Vegetation development and human impact during the Late Glacial and the Holocene in floodplain of Labe (Elbe) river in central part of the Czech Republic**  
Libor PETR
- 14:30 – 14:45 **Settlement and prehistoric land-use in Central Bohemia: comparison of archaeological and pollen-analytical evidence**  
Dagmar DRESLEROVÁ, Petr POKORNÝ, Petr KUNEŠ, Libor PETR, Radka KOZÁKOVÁ & Lucie ŠMAHELOVÁ
- 14:45 – 15:00 **Forest management and charcoal-burning activities in modern history of Bohemian Switzerland**  
Vojtěch ABRAHAM, Přemysl BOBEK & Petr POKORNÝ
- 15:00 – 15:15 **Deforestation and reforestation in the Kraków region from the La Tene to the Medieval periods**  
Halina DOBRZAŃSKA, Tomasz\_KALICKI & Bartłomiej Sz. SZMONIEWSKI
- 15:15 – 15:30 *Discussion*
- 15:30 – 16:00 *Coffee/Tea Break and Poster Session 1*

#### **Session 4: Progress in palaeoenvironmental reconstruction methods and environmental archaeology (part 1)**

Chaired by **Pavel TARASOV & Dorota NALEPKA**

- 16:00 – 16:15 **Modeling ‘landscapes’ from pollen data: opportunities and limitations**  
Ralph FYFE, Chris CASELDINE & Kari HJELLE
- 16:15 – 16:30 **Beetle-vegetation relationships and Holocene landscape structure: a modern analogue approach**  
Nicki J WHITEHOUSE, David N. SMITH & M.J. BUNTING
- 16:30 – 16:45 **The well in the settlement - environmental studies through insect analysis of well samples**  
Magnus Hellqvist
- 16:45 – 17:00 **Bacterial ancient DNA as an indicator of human presence in the past – its correlation with palynological and archaeological data**  
Jacek MADEJA, Agnieszka WACNIK, Agata ŻYGA, Elżbieta STANKIEWICZ, Ewa WYPASEK & Witold GUMINSKI
- 17:00 – 17:15 **Laminated sediments and tephrochronology - an example from Lake Belau, Northern Germany**  
Walter DÖRFLER
- 17:15 – 17:30 *Discussion*
- 17:30 – 18:00 *Afternoon Coffee/Tea and Poster Session 2*

**Session 5: Progress in palaeoenvironmental reconstruction methods and environmental archaeology (part 2) - Lake Megata 2006 Project: high-resolution past environmental reconstruction in East Asia using annually laminated lake sediments in northeastern Japan**

Chaired by **Yoshinori YASUDA & Tomasz GOSLAR**

- 18:00 – 18:15 **Lake Megata 2006 Project: an introduction**  
Kazuyoshi YAMADA, Katsuya GOTANDA, Yoshitsugu SHINOZUKA, Mitsuru OKUNO, Hitoshi YONENOBU, Junko KITAGAWA, Mirosław MAKOHONIENKO, Markus SCHWAB, Timo SAARINEN, Tsuyoshi HARAGUCHI, Akira HAYASHIDA & Yoshinori YASUDA
- 18:15 – 18:30 **Stratigraphic analysis of the core samples from Lake Ichi-no-Megata, northeastern Japan**  
Kazuyoshi YAMADA, Katsuya GOTANDA, Hitoshi YONENOBU, Mitsuru OKUNO, Masayuki TORII, Tomasz GOSLAR & Yoshinori YASUDA
- 18:30 – 18:45 **Lake Ichi-no-Megata sediments – sedimentological and geochemical indicators of environmental changes in annually laminated (varved) sediments (Akita Prefecture, Japan)**  
Markus J. SCHWAB, Peter DULSKI, Gerald H. HAUG & Yoshinori YASUDA
- 18:45 – 19:00 **Geochemical analysis of the core samples from Lake Ichi-no-Megata, northeastern Japan**  
Yoshitsugu SHINOZUKA, Kazuyoshi YAMADA, Katsuya GOTANDA, Chungwan LIM, Akane UMEZU, Kazuhiro TOYODA & Yoshinori YASUDA
- 19:00 – 19:15 **Preliminary results of pollen analysis of the Lake Ichi-no-Megata core samples and the quantitative past climate reconstruction**  
Junko KITAGAWA, Yoshimune MORITA, Mirosław MAKOHONIENKO, Katsuya GOTANDA & Yoshinori YASUDA
- 19:15 – 19:30 **Climate, famines as deduced from the comparative study on tree rings and annually laminated sediments**  
Hitoshi YONENOBU, Motonari OHYAMA, Yasuharu HOSHINO & Hirotaka ODA
- 19:30 – 20:00 *Discussion*
- 20:00 – 22:00 ***Dinner and Social meeting - Closed performance of “Łany” – The Song and Dance Ensemble of Agricultural University in Poznań***

**THURSDAY 13<sup>th</sup> SEPTEMBER 2007**

7:00 – 8:00 *Breakfast in hotels*

Venue:

Poznan Archaeological Museum – The Górká Palace, Wodna 27

**Session 6: Man and environment interactions in the temperate zone of Central and Eastern Europe (part 2)**

Chaired by **Małgorzata LATAŁOWA & Jacqui MULVILLE**

- 8:30 – 8:45 **Sedimentological and geomorphic record of Prehistoric and Early Medieval colonization of the Fore-Sudetic loess plateaus, Southern Poland**  
Kazimierz KLIMEK & Edyta ZYGMUNT
- 8:45 – 9:00 **Neolithic and Bronze Age societies on Polish Lowland and their environment**  
Janusz CZEBRESZUK & Marzena SZMYT
- 9:00 – 9:15 **The environment in South Kujawy (Central Poland) under early Neolithic pressure. Case study: Osłonki site**  
Dorota NALEPKA, Stefan Witold ALEXANDROWICZ, Michał GAŚSIOROWSKI, Ryszard GRYGIEL & Bolesław NOWACZYK
- 9:15 – 9:30 **The ancient landscape of the Roman Period settlement micro-region on the north shore of the former lake "Wons" in the Masurian Lakeland (NE Poland)**  
Maciej KARCZEWSKI, Piotr BANASZUK, Aldona BIENIEK, Mirosława KUPRYJANOWICZ & Agnieszka WACNIK
- 9:30 – 9:45 **Animal subsistence economy in the Early Medieval stronghold complexes of western Slavs – comparative studies of Pomerania, Great Poland and Lower Silesia.**  
Daniel MAKOWIECKI
- 9:45 – 10:00 *Discussion*
- 10:00 – 10:15 *Morning Coffee/Tea*

**Session 7: Man and environment interactions in the temperate forest zone of Central and Eastern Europe (part 3)**

Chaired by **Nadieżhda S. KOTOWA & Petr POKORNY**

- 10:15– 10:30 **Stratigraphic conditions at Palaeolithic sites in Belarus in the light of new data**  
Alena Kalechyts
- 10:30– 10:45 **History of the Ladoga-Baltic water connection and early human migrations in the Holocene.**  
D.A.SUBETTO, P.M.DOLUKHANOV, T.V.SAPELKO, A.V.LUDIKOVA,  
D.D.KUZNETSOV, Kh.A.ARSLANOV, G.I.ZAITSEVA

- 10:45– 11:00 **The emergence of early agriculture and stock raising on the territory of Belarus: several issues and research aspects**  
Mikola KRYVALTSEVICH, Galina SIMAKOVA & Angela RAZLUTSKAYA
- 11:00– 11:15 **Environment and Stone-Bronze Age man in the Lithuanian territory**  
Algirdas GIRININKAS & Linas DAUGNORA
- 11:15– 11:30 **Landscape-and-climate dynamics and land use in the Late Holocene: Kulikovo Battle Field case study, Russia.**  
E.Yu. NOVENKO, M.P. GLASKO & O.V. BUROVA
- 11:30– 11:45 *Discussion*
- 11:45– 13:15 *Lunch*

**Session 8: Man and environment interactions in the temperate steppe and forest-steppe zone of Eastern Europe**

Chaired by **Walter DÖRFLER & Marzena SZMYT**

- 13:15 – 13:30 **Human adaptation to the climate change in the Ukrainian steppe in VII-V millennia BC**  
Nadieżhda S. KOTOVA
- 13:30 – 13:45 **Environment and economic activities of Tripolyan population**  
Galina PASHKEVICH
- 13:45 – 14:00 **The Margel Crest**  
Victor KLOCHKO & Katarzyna ŚLUSARSKA
- 14:00 – 14:15 **Early nomads of the Pontic steppe in a context of climate changes**  
S.V. MAKHORTYKH
- 14:15– 14:30 **Kartamysh Bronze Age mining-metallurgical complex in the eastern Ukraine**  
Yuriy M. BROVENDER
- 14:30– 14:45 **The cave church with frescos on Zagaytanska rock in South-West Crimea in Ukraine**  
Timur A. BOBROVSKY & Kateryna E. CZUJEVA
- 14:45– 15:00 *Discussion*
- 15:00 – 15:30 *Afternoon Tea and Poster Session 3*

**Session 9: Man and environment interactions in southern Siberia**

Chaired by **Paul DAVIES & Elena NOVENKO**

- 15:30– 15:45 **Environment, lifestyle and diet of prehistoric populations from the Minusinsk Basin, Southern Siberia, Russia**  
S. SVYATKO, E. MURPHY, R. SCHULTING & J. MALLORY

- 15:45 – 16:00 **Environmental transformations and human occupation of the Altai region during the last glacial-interglacial cycle**  
Jiří CHLACHULA
- 16:00 – 16:15 **Holocene human and environmental dynamics in the Lake Baikal region derived from pollen and archaeological records**  
Pavel TARASOV, Elena BEZRUKOVA, Eugene KARABANOV, Takeshi NAKAGAWA, Mayke WAGNER, Polina LETUNOVA, Anna ABZAEVA & Frank RIEDEL
- 16:15 – 16:30 *Discussion*
- 16:30 – 17:00 *Afternoon Tea/Coffee and Poster Session 4*

**Session 10: Man and environment interactions in continental East Asia**  
Chaired by **Mayke WAGNER & Gui-Yun JIN**

- 17:00 – 17:15 **Choice of resources: earliest settlement behavior in Northern China**  
Mayke WAGNER
- 17:15 – 17:30 **Neolithic rice-paddy from the Zhaojiashuang site, eastern China**  
Gui-Yun JIN, Sheng-Dong YAN, Tetsuro UDATSU, Yu-Fu LAN, Chun-Yan WANG & Pei-Hua TONG
- 17:30 – 17:45 **Neolithic archaeobotanical records of rice and foxtail millet in East Asia and its problems for identification of wild or domesticated remains**  
Hiroo NASU
- 17:45 – 18:00 **Development of cultural landscape in the Liao River basin, Manchurian Plain, North-Eastern China**  
Miroslaw MAKOHONIENKO, Fujiki TOSHIYUKI, Hiroo NASU, Pavel TARASOV, Mayke WAGNER & Yoshinori YASUDA
- 18:00 – 18:15 *Discussion*
- 18:15 – 18:45 *Closing speech*  
Yoshinori YASUDA, Małgorzata LATAŁOWA, Mayke WAGNER, Pavel TARASOV, David ROBINSON
- 19:00- 20:30 **Dinner**
- 20:30 – 21:30 **AEA Annual General Meeting**

**FRIDAY 14<sup>th</sup> – SATURDAY 15<sup>th</sup> SEPTEMBER 2007**

September 14-15, 2007 – Field sessions; Great Poland, Kuyavia, Chełmno Land.  
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| <b>Friday, 14<sup>th</sup> September, 2007</b>   |   |
|--|---|
| <b>Conference field trip</b>                     |   |
|  | Breakfast   |
| 9:00   | Departure from <b>Poznan</b><br><b>Ostrow Lednicki</b> (island on Lednica Lake)<br>Archaeological Museum – stronghold with relics of early medieval residential and sacral stone architecture.<br>Field session: Environmental archaeology of Lednica region (central Great Poland) |
| 12:30  | Lunch at Dziekanowice   |
| 14:00  | Departure for Gniezno   |
| 14:30  | <b>Gniezno</b> – Museum of the Origins of the Polish State, legendary Lech Hills with Gothic Cathedral. Cultural and environmental history of Gniezno   |
| 16:30  | <b>Kruszwica</b> – the early medieval stronghold on Goplo Lake, “Mice Tower”, environmental archaeology of <b>Kuyavia region</b> – early Neolithic  |
| 19:00  | <b>Toruń</b> – the town of Nicolaus Copernicus  |
| <b>Saturday, 15<sup>th</sup> September, 2007</b> |   |
| 8:30   | Departure for Kaldus  |
| 9:30   | <b>Kaldus</b> - Mons Sancti Laurentii - medieval stronghold<br>Field session: environmental archaeology of the Chełmno region   |
| 12:00  | Lunch in <b>Chełmno</b>   |
| 16:30  | <b>Biskupin</b> - fortified settlement from the 7 <sup>th</sup> c. BC.<br>Archaeological Reserve. <b>Archaeological Festival.</b>   |
| 20:00  | Campfire  |
| <b>Sunday, 16<sup>th</sup> September, 2007</b>   |   |
| 8:30   | Departure for Poznan<br>(in special cases, it is possible to organize earlier departures for Poznan)  |
| 9:30   | Arrival to Poznan (possible to arrange earlier arrival to Poznan for some participants)   |
|  | Lunch and departures  |