



**Preliminary programme
of the Second International Symposium on Wood Tar and Pitch
(organized by Archaeological Museum in Biskupin and
Arbeitsgruppe Teerschwele im Museumsdorf Düppel, Berlin)
held in Archaeological Museum in Biskupin, Poland
11-12 October 2012**

Thursday 11th of October

Opening ceremony:

9.00 – 9.30 – greeting speeches by marshal of kujawia-pomeranian region, chief of Żnin county and director of the Archaeological Museum in Biskupin

Lectures in Sessions

Prehistory and history

Chair – Dr. Dieter Neubauer-Saurer

9.50 – 10.10 – J. Langer, S. Pietrzak, I. Sobkowiak-Tabaka (Poland)

Application of wood-tar substances in pottery of the Linear Pottery Societies in the Vistula basin

10.10 – 10.30 – M. Rageot, K. Pêche-Quilichini, J.-J. Fillippi, X. Fernandez, V. Py, C. Delhon, M. Regert (France)

Birch bark tar and Pine tar at Cuciurpula (Corsica, France) during the first Iron Age: between ancestral traditions and innovations?

10.30 – 10.50 – J. Svensson-Hennius (Sweden)

Early Wood tar production in eastern Sweden. Forest Exploitation in the first millennium

10.50 – 11.10 – break, also time for posters and movies

11.10 – 11.30 – S. Burri (France)

Historical and archaeological study of resin tapping and wood tar production (pitch and juniper oil) during the XVIth century: the original case of the “boix a fere pegue” of Toulon hinterland (Provence, Southern France)

11.30 – 11.50 – I. M. Egenberg (Norway)

Pine tar and pitch on boats dating from a.d. 1500 – 1600 recently excavated in Oslo harbour

11.50 – 12.20 – S. Sogrina (Russia)

Tar extraction in the European North of Russia in the XIX – early XX centuries

12.30 – 14.00 – lunch break

Archaeometry and Chemistry

Chair – Prof. Stefan Simon

14.00 – 14.20 – Z. Sulgostowska, J. Langer (Poland)

Tar pitch used as adhesive on the Mesolithic Tłokowo bone point in the light of physico-chemical analysis

14.20 – 14.40 – M. Diakowski; B. Miazga (Poland)

Archaeometric analysis of the bone projectile point from Bytomin 9, W Poland

14.40 – 15.00 – break, also time for posters and movies

15.00 – 15.20 – M. Regert, M. Rageot, L. Drieu, S. Burri, F. Sacchetti, X. Fernandez, C. Delhon (France)

Chemistry, manufacture and uses of plant exudates and tars over time in Western Europe and the Mediterranean area: new trends and results

15.20 – 15.40 – E. Gómez-Sánchez; S. Simon (Germany)

GC/MS analysis of tars and pitches

15.40 – 16.00 – E. Ribechini, C. Duce, S. Orsini, A. Kurzweil, M. Tinè, M.P. Colombini (Italy, Germany)

Chemical investigation on wood and bark pitch replica: the discovering of new markers for archaeometric purposes

16.00 – 16.40 – longer break, also time for posters and movies

16.40 – 17.00 – Y. Neubauer, M. Kleinhappl (Germany)

Recent Gas sampling and analysis methods for the determination of condensable gas components in fuel gases [product gases] and synthesis gases from pyrolysis and gasification

17.00 – 17.20 – L. White (USA)

A Sticky Business: Characterizing Non-Wooden Shipbuilding Materials Using Intensive Analytical Techniques

17.20 – 17.50 – discussion

19.00 – get together event

Friday 12th of October

Interdisciplinary Themes and Experiments

Chair – Andreas Kurzweil and Wojciech Piotrowski

9.00 – 9.20 – P. Dmochowski (Poland)

The place of birch tar in prehistoric European archery

9.20 – 9.40 – A. Magowska (Poland)

Wood tar as a remedy in Poland before 1939

9.40 – 10.00 – W. Piotrowski (Poland)

The role of wood dry distillation products in Polish economy between XIIIth – XIXth centuries

10.00 – 10.15 – break, also time for posters and movies

10.15 – 10.35 – T. Pietsch (Germany)

The work of the research group for Wood Tar and Pitch at the Museum Düppel in the last 20 years – advances and relapses.

10.35 – 10.55 – S. Baril, M. Bui-Thi, S. Esclamanti, M. Girard, J.-F. Pétrucci (France)
Document and experimental Retrievals on ovens with pitch in France. The example of the oven pitch of the municipality of Merle-Leignecq, department of the Loire in service within the framework of a rural demonstration (appearance)

10.55 – 11.15 – A. Kurzweil, W. Piotrowski (Germany, Poland)
Comparison samples on demand: The tar and pitch sample collection „Pixothek“ from the Museumsdorf Düppel and Biskupin Museum

11.15 – 11.30 – break, also time for posters and movies

11.30 – 11.50 – H. Anzulewicz (Germany)
Lexikographisches zum Holzteer und Holzpech anhand mittellateinischer Quellen

11.50 – 12.10 – A. Kurzweil, W. Piotrowski (Germany, Poland)
Bibliography of Wood Tar and Pitch – authors' proposals

12.10 – 12.30 – time for eventual, additional oral presentation

12.30 – 14.00 – lunch break

14.00 – 18.00 – discussion, experiments and visiting the Biskupin reserve and its environs

18.00 – farewell event

List of Posters

Kamil Adamczak, Jerzy J. Langer, Paweł Gan, Katarzyna Tarnowska, Robert Żukowski (Poland)
Birch-bark tar on ceramic vessels of the Lengyel culture (the Brześć Kujawski group) from Nowy Drzewicz in Masovia region: physicochemical analysis

Maria P. Colombini, C. Duce, Andreas Kurzweil, S. Orsini, Erika Ribechini, M.R. Tinè (Italy, Germany)
Chemical investigation on wood and bark pitch replica: the discovering of new markers for archaeometric purposes

Lucile Bailly, Armelle Charrié-Duhaut, Jacques Connan and Damien Sanders, Pierre Adam (France)
Molecular characterization of archaeological softwood tars from shipwrecks

Damir Doracic, Regine-Ricarda Pausewein, Elena Gómez-Sánchez, Hrvoje Potrebica (Croatia, Germany)
Birch Tar Glue on early Iron Age vessels from Kaptol-Gradci, Croatia

Katharina Goetz (Heel GmbH, Germany)
Homoeopathy of pine tar

Stéphane Esclamanti, Jean-Ferdinand Pétrucci, Sarah Baril, Mai Bui-Thi, Michel Girard (France)
The example of the oven pitch common Leignecq department of the Loire in France

Jeannette J. Lucejko, Francesca Modugno, Erika Ribechini, J. Connan, Maria P. Colombini (Italy, France)
Gas chromatography coupled with mass spectrometry in the characterization of wood tar and wood resinous extracts as ingredients of Egyptian embalming materials

Grzegorz Osipowicz, Magdalena Wałaszewska, Justyna Kuriga, Justyna Orłowska (Poland)
New experiments with a method of birch tar production, without the use of ceramics

Sławomir Pietrzak (Poland)
Early Medieval Birch Tar Production from sites complex: Marwice 6 and Marwice 12, Lubuskie Province in the light of archaeometrical study

Saturday 13th of October – departure time