**Preliminary Program**

**Wednesday, 11 July 2012:**

**Workshop** (14:00 to 18:00) Early arrived participants may already look at the material from 10.00 on.

**Opening lecture** (about 19:00, after evening meal)

- Farming in the forest: Slash-and-burn agriculture and its potential role in the diffusion of Neolithic economy. **Wolfram Schier**

**Thursday, 12 July 2012:**

**Neolithic land use in Central Europe**

**Morning (8:00, after breakfast), Session 1:**

**Investigations from the pre-alpine lowland:**

- Secondary Forest Cycles, Charcoal, Neolithic Settlements: New palynological, sedimentological and archaeological evidence from Degersee. **Angelika Kleinmann, Josef Merkt, Martin Mainberger**
- Modelling subsistence strategies and spatio-temporal dynamics of the lake-dwellings in Sipplingen (Lake Constance) and in Lake Degersee in the 4th millennium BC. **Tilman Baum**
- Accessing human impact by quantitative vegetation reconstruction (REVEALS and LOVE) – a case study from the Western Lake Constance area. **Jutta Lechterbeck**
- Geräte zur Wald- und Landwirtschaft? - Holzobjekte aus neolithischen Feuchtbodensiedlungen. **Helmut Schlichterle**
- Neolithische Steinbeile aus Feuchtbodensiedlungen des nördlichen Alpenvorlands und ihre Herstellung. **Michael Kaiser**

**Afternoon (13:00, after lunch), Session 2:**

**Investigations from Northern Germany and Eastern Europe:**

- New evidence for early Funnelbeaker slash-and-burn activity from northern Germany. **Ingo Feeser**
- Clearance, woodland management and agriculture in primeval forests. **Wiebke Kierleis**
- Neolithic land use in northwestern Germany reconstructed by pollen and charcoal data. **Annette Kramer**
- Holocene forest dynamics and human impact: a palaeoecological study of Lake Lünsee in the Westensee area, northern Germany. **Mykola Sadovnik** and Oliver Nelle
- Traces of "Forchtenberg" slash and burn cultivation in the sediments of the Komorňany Lake, Czech Republic? **Dagmar Dreslerová**, Tomáš Bešta, Jan Novák
Historic examples for fire cultivation and recent slash-and-burn experiments
• Slash-and-burn experiments in Estonia. Kersti Kihnö and Liisi Jääts
POSTER: • Changing slash-and-burn landscapes in South Estonia. Pille Tomson

Friday, 13 July 2012:

Models for farming systems of the Neolithic and different aspects of their economy
Morning (8:00, after breakfast), Session 3:
• Slash-and-burn agriculture: advantage, risk, side effects – the archaeobotanical view. Manfred Rösch
• A simulation of the potential for farming in the European Forest. Carsten Lemmen
• The Bandkeramik agricultural system - a new vision of subsistence? Angela Kreuz
• Permanent vs. shifting cultivation: the farming system of Neolithic LBK (7800-6900 BP). Mehdi Saqalli and Aurélie Salavert
• Models of Land Cultivation in the Neolithic in Southeastern Poland. Renata Zych
• Fire-Dependent Subsistence Economies in Anthropogenic Ecosystems: Theory and Archaeological Evidence from the American Southwest. Alan Sullivan
• Actual agricultural practices and tools in developing countries of Africa and Asia as support for model development with regard to Neolithic agriculture. Ludger Herrmann, U. Schuler, P. Erbe
• Wood-pasture: types and models for prehistory. Eva Rosenstock and Rolf Minhorst
Short presentation of the Forchtenberg Project. Manfred Rösch
POSTER:
• Modeling a typical LBK hamlet functioning at the household level. Mehdi Saqalli
• Land-use history in the south of Valdai Hills (Russia) – an example of agriculture on its natural limit. Ekaterina Kuznetsova and E.Yu. Novenko
• Millet farming in tropical moist deciduous forests of western India. Mukund Kajale

From noon to evening: Excursion to the experimental site
(with lunch and barbecue in the evening)
Saturday, 14 July 2012:

**Brandspuren in Böden und archäologischen Befunden**

**Traces of fire in soils and archaeological records**

Session 4 and Session AG Boden und Archäologie (8:00, after breakfast):

- Past fires in the forest - what can soils tell us about it? **Eileen Eckmeier**

**Vegetation history, landscape changes, human impact and fire**

- Evidences of prehistoric forest disturbance in central part of European Russia (pollen and macro charcoal data). **Elena Novenko**, I.S. Zuganova, E. M. Volkova
- Charcoal from soil: the history of fire and landscape changes related to human activities in a mountain system (Mont Lozère, France). **Marie-Claude Bal-Serin**, Ph. Allée, M. Liard, R. Julia Brugues, G. Servera-Vives, Y. Miras, S. Riera Mora, A. Maria
- Late Holocene man-made fire in Central Europe, quantitative and qualitative comparison of soil charcoal records from local to regional levels. **Vincent Robin** and Oliver Nelle

**POSTER:**

- Fire and Water - The dendro-ecological reconstruction of a Late-Glacial pine forest in Reichwalde, E-Germany. **Hans-Peter Stika**, I. Boeren, M. Friedrich, M. Knipping, M. Küppers
- Modeling of natural and anthropogenic burning over the course of the Holocene. **Mirjam Pfeiffer** and Jed O. Kaplan
- Holocene vegetation change and woodland fire in tropical dry deciduous monsoon forest. First results from Lonar Crater Lake, Maharashtra, Central India. **Nils Riedel** (possibly cancelled)
- The double mosaic. Ideas on regeneration from the Forchtenberg-experiment. **Erhard Schulz**
- Beyond Forchtenberg. Soil developopment and stabilisation of artificial deposits. **Stelian Nistor** mit Erhard Schulz

**Soils and prehistoric agriculture**

- Black Soil relics in the Lower Rhine Region as cryptic (young-end-) neolithic features. **Renate Gerlach**, Eileen Eckmeier, Peter Fischer, Alexandra Hilgers

**POSTER:**

- Subfossil “black soils” at the western border of the Nördlinger Ries (Southern Germany) – evidence for prehistoric human impact on the environment? **Sonja Mailänder**, Joachim Eberle & Wulf Dieter Blümel
- P-status in archaeological top soil relics - is it possible to reconstruct impacts of the prehistoric agriculture. **Franziska Lauer**, Stefan Pätzold, Wulf Amelung, Renate Gerlach
- Some aspects on tillage induced colluvial deposits at archaeological excavation sites. **Julia Gerz** and Mechthild Klamm
Charcoal properties

- Reflectance of Forchtenberg charcoal: implications for fire temperature and preservation potential. Christoph Hartkopf-Fröder, Otto Ehrmann, Renate Gerlach, Sven Dauber, Kai Jasper und Ralf Littke
- Micromorphological observations on the alteration of charcoals in soils. Otto Ehrmann
- Technical and legal chances and delimitations of the production of biochar for soils at the current time 2012. Carola Holweg

POSTER:


Sunday, 15 July 2012:

Excursion to the Nördlinger Ries