



## **9th international exar-conference, Schleswig (G)**

**13th-16th October 2011**

In cooperation with the Archaeological State Museum Castle Gottorf, Schleswig (G)

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### **Evening program at Thursday, 13th October 2011:**

First meeting in the restaurant „Luzifer-Schleswig“, Schleswig.

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### **Conference program at Friday, 14th October 2011:**

#### **Welcome**

*Prof. Dr. Claus von Carnap-Bornheim, Schleswig-Holsteinische Landesmuseen, Schleswig*

#### **Welcome**

*PD. Dr. Gunter Schöbel - exar-President*

#### **As all began ...**

The Stone Age village of Hjerl Hede in Denmark  
*Harm Paulsen, Schleswig (G)*

#### **The Lion man 2.0**

*Wulf Hein, Dorn-Assenheim (G)*

#### **Well dressed?**

Crucial points concerning the reconstruction of upper Paleolithic clothing  
*Dr. Claudia Merthen, University Erlangen (G)*

#### **Controlled experiments on the heating of various varieties of Baltic flint**

*Frank Moseler M.A., Römisch Germanisches Zentralmuseum, Neuwied (G)*

#### **Experiments on the roasting of hazelnuts during the Mesolithic in the Duvensee moor**

*Wolfgang Lage, Schleswig-Holsteinische Landesmuseen, Schleswig (G)*

#### **More Stone Age!**

*Dr. Rüdiger Kelm, Archäologisch-Ökologisches Zentrum Albersdorf (G)*

#### **Adzes at the „Altenberg“-hill**

a preliminary report  
*Wulf Hein, Dorn-Assenheim (G)*

#### **Cooking experiments with pointed bottom pottery of the funnel beaker culture and the effect of hard water**

*Dipl. Phys. Bente Philippsen, Universität Aarhus (DK) / Dr. Katerina Glykou, Universität Kiel (G) / Harm Paulsen, Schleswig (G)*

#### **Black wheels**

Observations on the reconstruction of wittingly carbonized wheels of Bad Schussenried, Olzreuter Ried in the early third millennium BC  
*Hans-Christian Lässig M.A., Meßkirch (G)*

### **Travel speed in the Viking Age**

Results of experimental travels with reconstructed Viking ships  
*Ph. D. Anton Englert, Viking Ship Museum Roskilde (DK)*

### **The Sea Stallion**

Reconstruction and trial of a Viking Age ship  
*Søren Nielsen, boat builder, head of maritime crafts and reconstruction, Viking Ship Museum Roskilde (DK)*

### **Between experiment and mediation: Different levels in the didactic-methodological concept for the Viking houses in Haithabu**

*Ute Drews, Wikinger Museum Haithabu (G)*

### **Between experiment and the building of a new museum: Different levels of authenticity of the reconstruction of the Viking houses in Haithabu**

*Dr. Joachim Schultze, Schleswig-Holsteinische Landesmuseen, Schleswig (G)*

Excursion to the reconstructed Nydam-ship / Denmark

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## **Conference program at Saturday 15th October 2011:**

### **Experimental casting of Viking Age „baroque shaped“ brooches**

*Michael Neiß M.A., Institute for UFG CAU-Kiel (D) and Uppsala University (S)*

### **Experiments on the casting of Bronze Age copper oxide ingots**

*Dr. Ralf Laschimke, Sigmaringendorf / Maria Burger, Sigmaringendorf (D)*

### **Experimental Archaeology as a reconstruction method for prehistoric pyrotechnology**

A case study of Bronze Age alpine copper smelting  
*Erica Hanning M.A., Deutsches Bergbaumuseum Bochum (D)*

### **Late Avaric casted non-ferrous heavy metal objects (8th century A.D.)**

Experimental evaluation of the casting process  
*Mag. Gergely Szenthe, Hungarian National museum, Budapest (H)*

### **Stone tools for metal working**

analysis and experiments on the late Neolithic Bronze adze of Ahneby, Schleswig-Flensburg county  
*Dr. Mechtild Freudenberg, Schleswig-Holsteinische Landesmuseen, Schleswig (D)*

### **Comparison of original and experimental built bloomery furnaces excavated in Zethlingen, Sachsen-Anhalt, Germany**

*Katrin Peschke M.A., Berlin (D)*

### **Analyzed razor-sharp**

Technological studies of Late Bronze Age knives  
*Lic. phil. Kathrin Schächli, Andelfingen (CH)*

### **„Two cup needles“: on the question of the beating during the Late Hallstatt period in Southern Germany**

*Frank Trommer/Patrick Geiger, Blaubeuren (D)*

## **Coloured bands of the prehistoric mines of Hallstatt**

Experiments on the production of replica

*Mag. Helga Rösel-Mautendorfer und Dr. Mag. Karina Grömer, Naturhistorisches Museum, Wien (A)/Dr. Katrin Kania M.A., Erlangen (D)/Dr. Dipl. Ing. Anna Hartl, Universität für Bodenkultur, Wien (A)/Prof. Mag. rer. nat. Dr. Phil. Regina Hofmann-de Keijzer, Universität für angewandte Kunst, Wien (A)/Dr. Maarten R. van Bommel, Dr. Ineke Joosten und Néstor Arturo Proaño Gaibor, Universität Amsterdam (NL)*

## **Clothing during the late Hallstatt period: trial of a reconstruction of late Hallstatt textiles**

*Sabine Hagmann M.A., Altheim (D)/Hildegard Igel, Boms (D)/Rosemarie Stadler, Ebersbach-Musbach (D)*

## **Ceremonial cart and millet gruel**

A life as it was 2700 years ago. Experiments on the everyday life and the mediation of prehistory by public broadcast

*Dr. Jutta Leskovar, Oberösterreichisches Landesmuseum Francisco-Carolinum, Linz (A)/ Ph. D. Helga Rösel Mautendorfer, Universität Wien (A)*

## **From the find to the lucky gain.**

Archaeo-technics and the fishing techniques of the Imperial Roman Era

*Jörg Nadler, Schleswig (D)*

## **Experimental building of a wooden tube-well**

*Dr. Jean-Loup Ringot, Hambergen (D)*

Annual EXAR-members meeting, Schloss Gottorf

Reception in the Volkskunde Museum, Schleswig.

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## **Excursion at Sunday, 16th October 2011**

Excursion to Haithabu with guided tour by Ute Drews, Viking Museum Haithabu

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## **During the conference several posters were shown:**

### **Birch bark and leather**

About the reconstruction of an early Awaric quiver set

*Mag. Franz Georg Rösel, Alt Lengbach (A)*

### **Woodworking technology and functional experimentation in the Neolithic site of La Draga (Banyoles, Spain)**

*Oriol López/Antoni Palomo/Raquel Piqué, University Autònoma de Barcelona (E)*

### **Contribution to the understanding of the construction of prehistoric pit houses**

*Prof. Dr. Ákos Nemcsics, Obuda University Budapest (H)*

### **Functional models of historic machines**

*Andreas Becker*