

SCIENTIFIC REPORT OCT. 2007- MARCH 2008

The Danish National Research Foundation's



INTRODUCTION

Dress and Identity in the Roman World - DressID

In 2007, CTR was invited as partner in an EU application by the Reiss-Engelhorn-Museen, Mannheim Germany. This was a great challenge for CTR, and director M. L. Nosch was closely involved in planning the research and strategies as well as writing the applications together with our German colleagues. In September 2007 we received good news from Brussels: Textile research of CTR is in 2008-2010 to be integrated in the large EU project *Clothing and Identity in the Roman World – DressID*, funded by the Education, Audiovisual & Culture Executive Agency, Directorate-General for Education and Culture of the European Commission. The project is coordinated by Reiss-Engelhorn-Museen, Mannheim. CTR is one of 6 European partners, and is heading 3 study groups:

1: Elements of costume (spokesperson Ulla Mannering)

6: Experimental textile archaeology (spokesperson Eva Andersson)

E: Production and Trade (spokespersons Margarita Gleba & Judit Pasztokai-Szeöke)

The first six months included the following main activities:

- Preparation of the 1st General Meeting in Valencia, December 2007. The CTR visiting professor in 2007 was Carmen Alfaro Giner of the University of Valencia. She is a partner in the *DressID* project and prepared the First General Meeting in Valencia in collaboration with the CTR staff. Three CTR participants went to Valencia: Nosch, Carstens and Pászókai-Szeöke.
- Preparation and conceptualisation of the common web page DressID.eu. The webpage is funded by CTR and was coordinated by Anne Marie Carstens at CTR, in collaboration with Annette Schick, REM.
- Preparation of the 2nd General Meeting in Copenhagen, May 2008. See full program in appendix D
- In order to facilitate the collaboration, several travels were undertaken: Michael Tellenbach came to CTR in September; Annette Schick came to CTR on 7-9 November; Marie Louise Nosch was in Mannheim on November 23. All met at Valencia 2-6 December; Marie Louise Nosch was in Mannheim on February 7-8; Anne Marie Carstens presented the *DressID* project in Norway on 4 March;

- Preparation and launching of study groups. Since CTR staff was elected spokespersons for three out of 11 study groups under the project, the CTR staff were the first to structure study groups and send out invitations for new members.

All CTR activities are communicated through www.hum.ku.dk/ctr

STUDY GRUP 1. ELEMENTS OF COSTUME

STAFF

CTR: Ulla Mannering (spokesperson, in collaboration with Prof. Annemarie Stauffer, University of Applied Sciences Cologne); Margarita Gleba; Karin Margarita Frei; Marianne Bloch Hansen; Susan Möller-Wiering, Marie-Louise Nosch

Partner: National Museum of Denmark: Irene Skals; Annette Hjelm Petersen; Anne Lisbeth Schmidt.

Other institutions: Lena Hammarlund (Gothenburg; Sweden); Martin Ciszuk (University College Borås, Sweden); Lise Ræder Knudsen (Vejle Konservering); Morten Ravn and Charlotte Rimstad (SAXO Institute, Copenhagen University)

PREPARATORY WORK FOR THE STUDY GROUP 1

Ulla Mannering and Annemarie Stauffer prepared a common study group description, and a research plan. This was circulated to all *DressID* partners on 6 February 2008 (appendix B). It included invitation to join the study group and a template for project descriptions and exchange of biographical data for all members of study group. 8 members have responded.

RESEARCH ON DANISH IRON AGE TEXTILES

In 2007 the program focused on the analysis and the interpretation of textiles from Danish Early Iron Age bogs, burials and weapon deposits. The results of this work will be disseminated through articles in A-rated journals, books, and the websites. The Iron Age textiles and skins have to date been submitted for analyses of C14, dyes, fibre, X-ray, Sr isotopic tracing, and DNA. The results of all these new analyses are changing dramatically our understanding of ancient costume, technology and society. Thus, dye test results show that textiles of this period were much more colourful than previously anticipated and the preferred colour was not brown as the textiles look today or even white but yellow with red or blue accents. Fibre analysis shows that the Iron Age people had access to high quality wool and that the raw material was subject to vigorous selection and preparation processes. C14 dating permits a precise dating of all finds we are working with and a look at chronological changes in costume design and technology. Investigation on use of various costume items gives new insights into costume function and meaning in relation to culture and gender. The next step is to analyse this new data in its culture-historical context.

The textiles and costumes from late Bronze Age and Early Iron Age bogs will be published in a book *Designed for Life and Death*. The manuscript is currently in the final stages of editing and will be submitted to the publisher in 2008. The results of the research on textiles from weapon deposits carried out by Susan Möller-Wiering and Lise Ræder Knudsen will be published in a volume *Textiles for War* planned for 2010.

Specialist analyses on textiles and skins

The Danish skins and garments were in 2007 submitted to C14 analyses, dye stuff analyses, fibre analyses, strontium isotopic tracing, X-ray, CT-scanning, and DNA analysis.

PhD scholarship associated study group 1

(Isotope)- Geochemical studies of textiles and tool: tracing their sources, financed by the SAXO Institute, University of Copenhagen, is investigated by Karin Frei.

Preparation of the May 2008 conference

Preparation of the *North European Symposium for Archaeological Textiles X*, May 13-18. 110 researchers from 23 countries gather in Copenhagen/CTR. A total of 44 lectures and 21 posters. Call for papers was sent out; selection of papers by the scientific committee; preliminary programme sent out. Successful applications for funding. Publication of the Proceedings by CTR (2009).

RESEARCH ON TEXTILES FOR WAR

The results of the research on textiles from weapon deposits carried out by Susan Möller-Wiering and Lise Ræder Knudsen in collaboration will be published in a volume *Textiles for War* planned for 2010.

Preparation of the May 2008 conference

Marie-Louise Nosch has planned and organised the international *Military and Textile conference*, May 20-22, in collaboration with the Royal Danish Defence College. 29 researchers from 15 countries gather in Copenhagen/CTR. A total of 29 lectures. Call of papers was sent out; preliminary programme sent out. One entire day is devoted to the research on Roman textile and Military (May 20).

Publication of the Proceedings of the *Roman Military and Textile* session by CTR (2009), editors are Marie-Louise Nosch & Judit Pásztoókai-Szeöke.

Susan Möller-Wiering prepares a contribution on textiles in weapon deposits for the May conference on Textile and Military; Margarita Gleba prepares a contribution on Etruscan linen textiles for the May conference on Textile and Military. See appendix D for the full program.

PUBLICATIONS IN STUDY GROUP 1

2008, M. Gleba, M.-L. Nosch, C. Munkholdt, *Dressing the Past* (2008)

2007, Ulla Mannering, "Prehistoric Costume in Denmark", in K. Johansen (ed.), *Costume: Design and Decoration. ICOM's Costume Committee. Proceedings from the 58th Annual Conference 9-13th October, 2006*. Copenhagen, Denmark and Lund, Sweden, 10-16.

2007, Susan Möller-Wiering, "Italienische Mode im Stader Moor?" in F. M. Andraschko, B. Kraus, B. Meller (eds.), *Archäologie zwischen Befund und Rekonstruktion, Festschrift Renate Rolle*, *Antiquitates* 39, Hamburg 2007, 247-263.

2007, Susan Möller-Wiering, "Under canvas", in Marie-Louise Bech Nosch & Carole Gillis (eds.), *Ancient Textiles. Production, Craft and Society. Proceedings of the First International Conference in Ancient Textiles, held at Lund Sweden and Copenhagen, Denmark, on March 19-23, 2003*, *Ancient Textiles Series 1*, Oxford, 122-126.

2007, Lise Ræder Knudsen, "Translating Archaeological Textiles", in Marie-Louise Bech Nosch & Carole Gillis (eds.), *Ancient Textiles. Production, Craft and Society. Proceedings of the First International Conference in Ancient Textiles, held at Lund Sweden and Copenhagen, Denmark, on March 19-23, 2003*, *Ancient Textiles Series 1*, Oxford, 103-111.

2007, Ulla Mannering and Lise Ræder Knudsen, "A Danish Early Germanic Iron Age Grave with Tablet Woven Cuffs," in A. Rast-Eicher & R. Windler (eds.), *NESAT IX Archäologische Textilfunde – Archaeological Textiles*, 119-123.

2007, Ulla Mannering, "Tekstil og dragt fra bronze- og ældre jernalder i danske samlinger", *Dragtjournalen. Tidsskrift for Dragtpuljen og Dragt.dk Årg. 1 nr. 1*, (2007), 46-49.

2007, Ulla Mannering & Anne Lisbeth Schmidt, “Ny viden fra gamle mosefund”, *NYT fra Nationalmuseet* 115, 18-19.

STUDY GROUP 6: EXPERIMENTAL TEXTILE ARCHAEOLOGY

STAFF

Eva Andersson (spokesperson, in collaboration with Marianne Rasmussen, Head of research, Lejre Centre); Marie-Louise Nosch, Linda Mårtensson, Agnete Wisti Lassen, Francoise Rougemont

COLLABORATORS: We collaborate with app. 40 researchers from the 34 sites (Greece, Turkey, Cyprus, Israel, Jordan, Syria, Gaza)

PREPARATORY WORK FOR THE STUDY GROUP 6

Eva Andersson and Marianne Rasmussen prepared a common study group description, and a research plan. This was circulated to all *DressID* partners on 29 February 2008 (see appendix C). It included invitation to join the study group and a template for project descriptions and exchange of biographical data for all members of study group. 4 members have responded.

RESEARCH 2007

The textile tool database

In 2007, the main research activity was to process data on textile tools recorded in the CTR database by our collaborators. For the textile tools of each site, we:

1. Collect all functional parameters, which can affect the tools' production possibilities.
2. Compare these functional results to the stylistic typology.
3. Collect and compare the results chronologically and contextually.
4. Write a short interpretation on what textiles could have been produced with these tools according to our experiments and knowledge.
5. Write a short summary.

The processing of the large amount of data has already refined our understanding and definitions of textile tools and has allowed us to discard – or identify – types of textile tools.

App. 10,000 textile tools are recorded in the database. All research in this program is communicated in reports published on our web site, in order to dialogue with all international collaborators during the processing of the result. The reports will then be turned into chapters of the monograph Andersson & Nosch (eds.), *Tools, Textiles and Contexts. Investigations of textile production in the Bronze Age Eastern Mediterranean*.

Experimental textile archaeology

An important task in the end of 2007 was to finish, document, and publish the experimental part of the research program. This is now fulfilled and all technical experimental reports are published on our website. The results of the experiments are extremely important for this research program in general and for the interpretation of the textile tools' function in particular. This new knowledge makes it possible to discuss which types of textile could have been produced with the available tools.

Publications on CTR web page

Technical report part 1, experimental archaeology
 Technical report part 2-1 experimental archaeology
 Technical report part 2-2, experimental archaeology
 Technical report part 3, experimental archaeology
 Technical report part 4, experimental archaeology

Bronze Age textiles found on Crete
 Rapport identification des fibres
 Examination of spinning and weaving samples, report 1

PhD scholarship associated study group 6

Textiles and Experimental Archaeology, co-financed by CTR and Lund University, is investigated by Ulla Isabel Zagal-Mach. The Ph.D. research project is called: *Sejlet på horisonten – et håndværksorienteret studie af den integrationsproces, der gjorde den nordiske båd sejlførende*. Ulla Isabel Zagal-Mach collaborates with the *Tools and Textiles* research program on the registration of textile tools for sails.

PUBLICATIONS IN STUDY GROUP 6

2007, Linda Mårtensson, “Toolmakers? – On the production of tools for making and treating textiles during the Viking Age”, in A. Rast-Eicher & R. Windler (eds.), *NESAT IX Archäologische Textilfunde – Archaeological Textiles*, 154-158.

2007, Linda Mårtensson, “Investigating the Function of Mediterranean Bronze Age Textile Tool Using Wool and Flax Fibres”, in *Experimentelle Archäologie in Europa Bilanz 2007*. Heft 6, 97-106.

2007, Eva Andersson, “Textile tools and production during the Viking Age”, in Marie-Louise Bech Nosch & Carole Gillis (eds.), *Ancient Textiles. Production, Craft and Society. Proceedings of the First International Conference in Ancient Textiles, held at Lund Sweden and Copenhagen, Denmark, on March 19-23, 2003*, Ancient Textiles Series 1, Oxford, 17-25.

2008, Eva Andersson, Linda Mårtensson, Marie-Louise Nosch, Lorenz Rahmstorf, “New Research on Bronze Age Textile Production”, *Bulletin of the Institute of Classical Studies London*.

STUDY GROUP E: PRODUCTION AND TRADE

STAFF

Judit Pásztókai-Szeöke and Margarita Gleba (spokespersons); Marie-Louise Nosch

PREPARATORY WORK FOR THE STUDY GROUP 5

Judit Pásztókai-Szeöke and Margarita Gleba prepared a common study group description, and a research plan. This was circulated to all *DressID* partners on 14 January 2008 (see appendix A). It included invitation to join the study group and a template for project descriptions and exchange of biographical data for all members of study group. 8 members have responded.

PhD scholarship associated study group E

Textiles and Archaeology, co-financed by CTR, University of Århus and the Danish Ph.D. School in Archaeology is investigated by Judit Pásztókai-Szeöke. The Ph.D. research project is called: *The archaeological evidence of textile production in Roman Pannonia*. Judit Pásztókai-Szeöke has presented her research at international conferences and is collaborating with the *Danish Textiles and Costumes* research program on the registration of archaeological textiles from Hungary. She is co-organiser of the 2nd *General Meeting* of the *DressID* project, in collaboration with Nosch.

PUBLICATIONS IN STUDY GROUP 1E

2007, Marie-Louise Bech Nosch & Carole Gillis (eds), *Ancient Textiles. Production, Craft and Society. Proceedings of the First International Conference in Ancient Textiles, held at Lund Sweden and Copenhagen, Denmark, on March 19-23, 2003*, Ancient Textiles Series 1, Oxford (2007).

2007, Marie-Louise Bech Nosch & Carole Gillis (eds), *First Aid for the Excavation of Archaeological Textiles*, Ancient Textiles Series 2, Oxford (2007).

2007, Margarita Gleba, "Textile Production in Proto-Historic Italy: Towards a Better Understanding of the Craft in its Historic, Social and Economic Contexts", in J. Swaddling and P. Perkins (eds.), *Acts of Conference "Etruscans Now! Proceedings of the Symposium held at the British Museum, 2002. Part II, Etruscan Studies 10 (2004-2005) (2007)*, 3-9

2007, Margarita Gleba, "Textile production in Proto-historic Italy: from Specialist to Workshops" , Marie-Louise Bech Nosch & Carole Gillis (eds.), *Ancient Textiles. Production, Craft and Society. Proceedings of the First International Conference in Ancient Textiles, held at Lund Sweden and Copenhagen, Denmark, on March 19-23, 2003*, Ancient Textiles Series 1, Oxford, 71-76.

2007, Judit Pásztókai-Szeőke, "Római textilművesség régészeti hagyatéka Pannoniában" (Archaeological evidence of Textile Production in Roman Pannonia), in Bíró, Sz (ed.), *FiRKák I. Fiatal Római Koros Kutatók I. Konferenciakötete. Győr (Proceeding of the 1st Conference of Young Archaeologist specialized on Roman Age)*, 185-190.

CONCLUSION CTR SCIENTIFIC INVOLVEMENT IN DRESSID

The first 6 months were dedicated to the preparation and launching of scientific activities. The EU-funded research and exhibition project *Clothing and Identity in the Roman World* has given CTR the opportunity to continue and develop new areas of textile research.

Copenhagen, 5 April 2008



Director Marie-Louise B. Nosch

Appendix A: Invitation to join Study Group E, Production and Trade, send out Monday 14 January by Margarita Gleba and Judit Pásztoókai-Szeőke

Appendix B: Invitation to join Study Group 1, Elements of Costume, send out Wednesday 6 February by Annemarie Stauffer and Ulla Mannering

Appendix C: Invitation to join Study Group 6, Experimental Archaeology, send out Friday 29 February by Marianne Rasmussen and Eva Andersson

Appendix D: Program for *2nd General Meeting and Roman Textile and Military*

APPENDIX A

Dear colleagues and participants of the Dress and Identity project,

We would like to invite you for a joint work in the Study Group E (Production and trade,) of the Dress and Identity EU-project. This study group is going to start its work on 19 May 2008, at the Second General Meeting in Copenhagen, and will continue until the end of the DressID-project in 2012.

Our aim is to establish and maintain a dynamic and productive forum for the researchers who have a project related to Roman textile production and/ or trade and who are willing to take part in an intensive, interactive and joint work under the umbrella of this study group. It is also our aim to establish a good communication and informative working relationship with other study groups within the framework of this project and to invite outstanding scholars with related interests to join our group.

In an attachment to our email you can find a short and general description of this study group and also the possible key-words (**see the attached DESCRIPTION**). This description will be specified more later, after we have more details about the participating projects and researchers. If you want to join the Study Group E (Production and Trade) with your own project we kindly ask you to fill out and send back to us the attached formular by 31 January, 2008 (**see the attached FORMULAR**).

Some of our colleagues – Mrs. Carmen Alfaro Giner, Mrs. Astrid Böhme-Schönberger, Mrs. Karina Grömer and Mr. Friedrich-Wilhelm von Hase - have already announced their intention join this study group in Valencia. We kindly ask them to confirm their intention by sending back the filled out formular.

In the last attachments you will find information about the project of the spokespersons of this study-group (**see the attached PSZJFORMULAR and MGFORMULAR**).

If you have colleagues outside the DressID-project who have an interest and project related to Roman textile production and trade, please encourage them to join and get in touch with us by 31st January.

Looking forward our future collaboration

Margarita Gleba and Judit Pásztókai-Szeőke
(spokespersons of the study group E)

Study group E. Production and trade

I. Spokesperson:

Margarita Gleba;
Judit Pásztókai-Szeőke

II. Key-words: [please add missing key-words] economy, technology, trade, production, textiles, dyes, tools, mordants, fibres, raw materials, silk road, mobility, luxury, exotic product

III. The great mobility and the vast exchange of luxury goods within the borders of the Roman Empire and beyond is a firmly known subject, but the importance of textiles as a rather easy transportable material has been underestimated in its amount of inherited information. The origin of fibres reveals the trade of textiles and raw materials over large distances throughout the Roman Empire. It makes it possible to determine special regional production which may have formed central parts of the regional economy, it is also possible to locate production centres and to get information on the organisation and infrastructure of production and trade even in large scale co-operations, and we are able to trace the idea of copying foreign techniques and motives by using regionally common facilities. Therefore this study-group focuses on the technological development in textile production and its influence on the Roman economical structures.

NAME	
AFFILIATION	
EMAIL ADDRESS	
PROJECT TITLE	
PROJECT DESCRIPTION	
TIME SPENT ON THE PROJECT	
METHODS TO BE EMPLOYED	
PUBLICATION POSSIBILITIES	
COMMENTS, IDEAS, QUESTIONS, SUGGESTIONS	

APPENDIX B

Dear colleagues and participants of the Dress and Identity project,

We would like to invite you for joint work in Study Group 1 “Elements of Costume” in the Dress and Identity EU-project. The Study Group will start its work at the 2nd General Meeting in Copenhagen, on May 19, 2008. At the meeting, it is planned to consolidate the group and determine goals, milestones and working methods, as well as make plans for future collaborations. If possible all members of Study Group 1 should be present at the 2nd General Meeting in Copenhagen. In the future the Study Group will meet in connection with further general meetings.

In the attachments you will find a short, general description of this Study Group as well as the key-words (see the attached **DESCRIPTION**). This description is intended as our guideline. At the 2nd General Meeting in Copenhagen we will finalise the description and, should you have any comments regarding the content or suggestions as to supplementary key-words, please let us know. In addition to what was discussed in Valencia, we would like to include headwear, shoes and accessories, as these are inseparable elements of costume.

Should you wish to join Study Group 1 with your own project, we kindly ask you to fill out the attached form (see the attached **FORM**) and return it to us by **February 25, 2008**. Your response will provide us with a clear base on which to build our future work.

If you know of any colleagues, who are not already involved in the DressID-project but who might have an interest and a project related to elements of costume in the Roman Empire, please forward this message to them and encourage them to join our Study Group and get in touch with us by **February 25, 2008**.

We are looking forward to your collaboration.

With kind regards

Ulla Mannering and Annemarie Stauffer

Study group 1. Elements of costume

Spokesperson:

Ulla Mannering, manner@hum.ku.dk

Annemarie Stauffer; annemarie.stauffer@fh-koeln.de

Key-words:

Terminology, typology, costume, underwear, outerwear, footwear, headwear, accessories, ornaments linked to elements of costume

[please add missing key-words]

Description:

This group is dedicated to the task of tracing, defining and analysing elements of costume, including headwear, shoes and accessories. The costume of all social, ethnic, age and gender groups is considered.

The sources of evidence to be used include, but are not limited to, archaeological textiles and costume elements of other materials, iconographic depictions of costume and written sources. The available evidence is compared in order to explore the variety of elements, their terminology, combination and function. The group will discuss elements of clothing and their combination, and how far these sources reflect reality. The review of elements and material of the clothing is a significant precondition for the work of the other Study Groups.

NAME	
AFFILIATION	
EMAIL ADDRESS	
PROJECT TITLE	
PROJECT DESCRIPTION	
TIME SPENT ON THE PROJECT	
METHODS TO BE EMPLOYED	
PUBLICATION POSSIBILITIES	
COMMENTS, IDEAS, QUESTIONS, SUGGESTIONS	

APPENDIX C

Dear colleagues and participants of the Dress and Identity project,

We would like to invite you for a joint work in the Study Group 6 (Experimental Archaeology) of the Dress and Identity EU-project. This study group is going to start its work on 19 May 2008, at the Second General Meeting in Copenhagen, and will continue until the end of the DressID-project in 2012.

Our aim is to establish and maintain a dynamic and productive forum for the researchers who have a project related to experimental textile archaeology and Roman textile production and who are willing to take part in an intensive, interactive and joint work under the umbrella of this study group.

It is also our aim to establish a good communication and informative working relationship with other study groups within the framework of this project and to invite outstanding scholars with related interests to join our group.

In an attachment to our email you find a short and general description of this study group and also the possible key-words (**see the attached DESCRIPTION**). This description will be specified more at a later state, when we have received more details about the participating projects and researchers. If you want to join the Study Group 6 (Experimental Archaeology) with your own project or if you just would like to participate in the group we kindly ask you to fill out and send back to us the attached formular by 1 April, 2008 (**see the attached FORMULAR**) to evaandersson@hum.ku.dk

Some of our colleagues – Prof Carmen Alfaro Giner and Dr Karina Grömer - have already announced their intention to join this study group in Valencia. We kindly ask them to confirm their intention by sending back the filled out formulary.

If you have colleagues outside the DressID-project who have an interest and project related to experimental archaeology and Roman textile production, please encourage them to join and get in touch with us by 1st April.

The 18th of May 2008 (the Sunday before the second general meeting) we will arrange an excursion to Lejre Experimental Centre. Please let us know if you would like to participate before April 1st to evaandersson@hum.ku.dk.

We also would like to inform you that 1st – 3rd October a workshop *Experimental Archaeology Research - New Approaches* will take place in Östersund, Sweden. You will, during the spring, receive more information about this.

Looking forward to our future collaboration

Eva Andersson and Marianne Rasmussen
(spokespersons of the study group 6)

Study group 6. Experimental archaeology

Spokespersons: Eva Andersson and Marianne Rasmussen

Key-words: experimental archaeology, spinning, weaving, textile implements, production, spindle whorls, loom weights, wool, flax, nettles

Experimental archaeology, if undertaken in a serious way and using basic scientific methods, can provide important insights in archaeological research. Scandinavia is at the forefront in this field. The Danish National Research Foundation's Centre for Textile Research (CTR) in Copenhagen and the "Lejre Experimental Centre" in Denmark are the leading experts in this field.

In this group we have three important approaches:

Theory and methodology: The mission is a further development and systematisation of experimental textile archaeology as a scientific method. One important discussion is how to divide between "experimental" archaeology and "experience" archaeology. Another topic deals with limitations and possibilities of textile experimental archaeology, how it can be included in archaeology and for what purpose. Finally, how can ethnographic studies be useful and included in the DressID research program?

Tools experiments and production: Experimental archaeology with textile tools plays an important role for the understanding of the technological parameters for textile production. By using knowledge of fibres and tools of the period under investigation together with developed scientific methods, our target is also to discuss if, how, and for what purpose specific textile tools can be used. The results from the experiments will form an important basis for the interpretation of the function of different tools and for the evaluation of what textiles may have been produced at different sites and regions. A database for textile implements has been designed at CTR (Andersson et al. 2005) and can be used as a tool when recording archaeological textile tools. New data on time consume in the textile production process shed light on status, prices and salaries.

Previous experiments: Using experimental archaeology as a method has a long tradition going back into the 19th century. The results of textile experimental archaeology have however just started to receive the recognition they deserve within academia and many experiments have unfortunately only been recorded in unpublished reports. We will therefore take the opportunity to publish textile experiments related to the DressID research program

Experimental archaeology is also very visual and during the years several experiments in Lejre has been documented by filming. Another task will therefore be to edit and make this documentation available for researcher as the public.

Besides these main approaches we welcome other and new ideas that will be useful and interesting for this research field

Research plan

Databases on textile tools (Andersson et al. , 2005)
 Experimental reconstructions of Iberian dress (male and female) in collaboration with the Historical-Archaeological Experimental Centre of Lejre (DK) and the Baza Museum in Granada, (E) (Alfaro Giner, Demant, 2008-2009)
 Systematic tests of textile tools reconstructed from archaeological findings (???????????)
 Review of methodologies in experimental textile archaeology (Andersson 2008-2010)
 Textile Technology (Andersson, Gleba and Mannering 2010)
 Systematic tests of various tools, investigation of techniques and time consume (Grömer, 2008-2010)
 Exploring the theory of textile experimental archaeology in the light of the general theoretical development (Rasmussen 2008-2012)

Researchers

Eva Andersson, CTR
 Marianne Rasmusson, Lejre
 Ida Demant, Lejre
 Carmen Alfaro Giner, Univ. Valencia
 Margarita Gleba, CTR
 Karina Grömer, NHM Wien
 Ulla Mannering, CTR
 Linda Mårtensson, CTR
 Klaus Tidow, Boostedt

Bibliography (please note that these publications are on experimental archaeology in general)

Mathieu, J.R (ed.) 2002: Experimental Archaeology. Replicating past objects, behaviours, and processes. BAR international series 1035. Oxford
 Rasmussen, M. 2007: Building houses and building theories. *Introductory chapter on experimental archaeology* in: Rasmussen, M. (ed.): Iron Age houses in Flames. Testing house reconstructions at Lejre. Lejre
 Stone, P.G. & Planel, P.G. (eds.) 1999: The constructed Past. Experimental Archaeology, education and the public.. One World Archaeology 36. London Routledge

Dissemination and publications by Study Group 6 [please add]

C Alfaro Giner & I Demant, XXXXX 2010
 E. B. Andersson & M.L. Nosch New directions in experimental textile archaeology, *NESAT X* Oxbow Books, Oxford (2009)
 E. B. Andersson and M.L. Nosch, Experimental Textile Archaeology - goals & (im)possibilities, *European Journal of Archaeology* (2009)
 E. B. Andersson & M.L. Nosch (eds) *Tools, Textiles and Contexts*, Oxbow Books, Oxford (2009)
 E. B. Andersson, M, Gleba, U Mannering & M.L. Nosch, *Textile Technology*, Oxbow Books, Oxford (2010)
 M. Rasmussen, *Trendspotting in Experimental Archaeology*, 2009
 A collection of the research reports on research carried out by the Experimental Archaeological centre at Lejre and others
 A movie of textile archaeological experiments carried out by the Experimental Archaeological centre at Lejre

NAME	
AFFILIATION	
EMAIL ADDRESS	
BACKGROUND (for example archaeologist, historian, conservator, textile handicraft experience)	
I AM INTERESTED IN THIS /THESE APPROACHES	
I WOULD LIKE TO JOIN THIS GROUP WITH A NEW PROJECT (please add TITEL and a SHORT DESCRIPTION)	
I HAVE DONE AN EXPERIMENT THAT I WOULD LIKE TO PUBLISH (please add a TITLE and SHORT DESCRIPTION)	
COMMENTS, IDEAS, QUESTIONS, SUGGESTIONS	

APPENDIX D

Clothing and Identities. New Perspectives on Textiles in the Roman Empire (DressID)

2nd GENERAL MEETING

COPENHAGEN

18-20 May 2008

ORGANIZER(S)

Dr. Marie Louise Nosch (nosch@hum.ku.dk)

(Director, The Danish National Research Foundation's Centre for Textile Research, Copenhagen)

CONTACT

Dr. Anne Marie Carstens (carstens@hum.ku.dk)

Judit Pászótkai-Szeőke (judit@hum.ku.dk)

(The Danish National Research Foundation's Centre for Textile Research, Copenhagen)

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Program

Sunday, May 18, 2008

During the day arrival of the participants

9.30-15.00 In collaboration with the Xth NESAT conference we offer the participation in an excursion to Lejre research centre (fee 250,- kr). Please register by filling out the attached form. Departure from CTR/ Metro Station Islands Brygge.
Late-comers may participate in an afternoon excursion, please contact Anne Marie Carstens on carstens@hum.ku.dk for this possibility.

Monday, May 19, 2008

Venue: University of Copenhagen,

Lecture hall: to be announced

2300 Copenhagen S

Chair: Marie-Louise Nosch

8.30-9.00 Registration and payment of conference fee to Anne Marie Carstens

9.00-9.15 Official opening (by Michael Tellenbach & Marie Louise Nosch)

- 9.15-9.45** Presentation and introduction of the DressID.eu webpage, including the blog and file-sharing functions (by Annette Paetz gen. Schieck, Anne Marie Carstens, and the IT-students, Stian Brattland & Janus D. Rose)
- 9.45-10.15** Status of study group 5, Exhibition (by Anton Kern and Karina Grömer, *to be confirmed*)
- 10.15-10.30** Coffee break at CTR/ the SAXO-Institute
(Registration and payment of conference fee to Anne Marie Carstens)
- 10.30-12.30** Team-work in study groups (SAXO project rooms & CTR)
- 12.30-13.30** Lunch (KUA-cantina)
The Steering committee (=the Mannheim management and the country representatives) will convene at the Carlsberg Akademi, Gammel Carlsbergvej 15, for a lunch meeting
- 13.30-15.00** Team-work in study groups (SAXO project rooms & CTR)
- 15.00-16.00** Summing-up and discussion of the whole day's work at the CTR by all the spokespersons. Moderator: Anne Marie Carstens
- 17.30-19.00** Reception at the *Carlsberg Akademi* via Gammel Carlsbergvej 15, 2500 Valby
- 19.00-23.00** Gala Dinner, Carlsberg Akademi, the Pompeji Hall. This event is organized in collaboration with the Military and Textile Conference. Dress code: formal

Registration for the Conference Military and Textile is open at the Carlsberg Akademi from 16.00

Tuesday 20 May 2008

Venue: University of Copenhagen,
Lecture Hall 23.0.50
Emil Homs Kanal, 2300 Copenhagen S
Chair: Marie-Louise Nosch

In collaboration with the conference Military and Textile this second day of the 2nd General Meeting focus on the multiple relations between Military and Textile in the Roman World

9.00 Official Opening:

Convenor, Dr. Kjeld Galster, Royal Danish Defence College
Convenor, Director Marie-Louise Nosch, the Danish National Research Foundation's Centre for Textile Research

9.30-12.00 *Roman Textiles and Military: the early historical contexts I.*

- *Purchase orders of military garments from papyri of Roman Egypt* by Kerstin Dross, University of Marburg
- *Ancient Greek linen corselet* by Eero Jarva, University of Oulu, Finland
- *Linen Corselets in Etruscan Culture* by Margarita Gleba, CTR

10.30-10.45 *Coffee-break*

- *The Iberian's linothorakes* by Carmen Alfaro Giner, University of Valencia

- *Covering the vitals: the use of textiles as part of the defence armour in the Roman army* by Jorit Wintjes, Universität Würzburg
- *Military Textiles at Masada: fragments of linen armour and fragments of Roman legionary cloaks* by Hero Granger Taylor

11.45-12.15 **Discussion**

12.15-13.00 **Lunch (KUA-cantina)**

13.00-19.00 **Roman Textiles and Military: the early historical contexts II.**

Chair: Judit Pásztókai-Szeőke

- *Roman soldiers' garments* by Lise Bender Jørgensen, NTNU Norway
- *Roman soldiers' garments in Didymoi* by Dominique Cardon, CNRS, Lyon
- *Scandinavian warrior costume in the Iron Age weapon deposits* by Susan Möller-Wiering, CTR

14.20-14.40 **Discussion**

14.40-14.55 **Coffee-break**

- *Roman military tunics as shown on the grave stones in Mainz* by Astrid Böhme-Schönberger
- *Dressed for the occasion. Clothes and context in the Roman army* by Michael Speidel, MAVORS, Basel
- *Roman army foot wear* by Carol van Driel, Amsterdam

15.55-16.25 **Discussion**

16.25-16.40 **Coffee-break**

- *Il miles di Herculaneum* by Umberto Pappalardo, Università «Suor orsola Benincasa», Napoli
- *Clothing Fleets: The Production and Movement of Sails in Ancient Fleets* by Vincent Gabrielsen, University of Copenhagen



Education and Culture DG

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days with focus on Mediaval and later
 CTR-website: www.ctr.hum.ku.dk