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**ΔΙΟΙΚΗΤΙΚΟ
ΣΥΜΒΟΥΛΙΟ:**

Γ. Φακορέλλης, Ν. Ζαχαριάς,
Κ. Πολυκρέτη, Θ. Βάκουλης,
Γ. Μπασιάκος, Ε. Αλούπη, Ε.
Κυριατζή

Πληροφορίες:

Γ. Φακορέλλης ΕΚΕΦΕ
"Δημόκριτος", 153 10 Αγ.
Παρασκευή Αττικής,
Τηλ. 210-6503958-9
FAX: 210-6519430

E-mail:

yfacorellis@ims.demokritos.gr

Scientific Association, Year
of Establishment 1982,
Headquarters: Kaniggos 27,
106 82 Athens (Association
of Greek Chemists)

BOARD: Y. Facorellis, N.
Zacharias, K. Polikreti, T.
Vakoulis, I. Bassiakos, E.
Aloupi, E. Kiriati

Information: Y. Facorellis,
NCSR "Demokritos", 153
10 Ag. Paraskevi Attikis,
Greece

Tel. (+3210) 6503958-9

Fax: (+3210) 6519430

E-mail:

yfacorellis@ims.demokritos.gr

Πληροφοριακό Δελτίο της Ελληνικής Αρχαιομετρικής Εταιρείας

- Μάρτιος 2003 -

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- March 2003 -

Nr. 25

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ΣΥΝΕΔΡΙΑ - CONFERENCES/WORKSHOPS

CANADIAN INSTITUTE SPRING
LECTURE PROGRAMME

The Canadian Archaeological Institute at Athens

invites you to its lecture programme for spring 2003

Dr. Mark Lawall
(Assistant Professor, Department of Classics, University of Manitoba)

**“Modifying the paradigm:
Regionalism in studies of Aegean transport amphoras”**
Wednesday, 26 February

Dr. Shelley Wachsmann
(Meadows Associate Professor of Biblical Archaeology,
Nautical Archaeology Program, Texas A&M University)
**“Some went down to the Sea in Ships (Psalms 107: 23):
Mediterranean Seafaring in the Bronze Age (3000-1200 BC)”**
Monday, 17 March

Dr. Lea M. Stirling
(Associate Professor, Department of Classics, University of Manitoba;
Canada Research Council Chair in Roman Archaeology)
“Was there decorative statuary in Late Antiquity?”
Wednesday, 16 April

lectures will take place in the library of the Canadian Institute
Dionysiou Aiginitou 7, Ilisia (3rd floor)

Time: 7.30 pm

refreshments

CANADIAN ARCHAEOLOGICAL INSTITUTE AT ATHENS
INSTITUT CANADIEN D' ARCHEOLOGIE A ATHENES
Dionysiou Aiginitou 7
GR-11528 Athens/Athenes
Greece/Grece

Telephone: +30-210-7223201
Fax/Telec.: +30-210-7257968
E-mail/Adr. elect.: caia-icaa@caia-icaa.gr
URL: <http://www.caia-icaa.gr>

Director/Directrice: Dr. Stefanie A. H. Kennell
Assistant Director/Directeur Adjoint: Dr. Jonathan E. Tomlinson

Office Hours: Monday to Friday, 9.00 - 1.00
Heures de Bureau: de lundi a vendredi, 9h a 13h



THE R. E. TAYLOR STUDENT POSTER **AWARD**

The Society for Archaeological Sciences (www.socarchsci.org) is offering a prize for the best student archaeometric poster presented at the 2003 Meeting of the Society for American Archaeology in Milwaukee, Wisconsin. The prize is a one-year membership in the SAS, including the quarterly Bulletin and the monthly Journal of Archaeological Science. The student should be the first author and the presenter of the poster. Criteria for the award are significance of the archaeological problem, appropriateness of the archaeometric methods used, soundness of conclusions, quality of the poster display, and oral presentation of the poster. To apply, send a copy of the poster abstract (indicating the student author), a correspondence address, and the name and date of the session in which the poster will be presented.

Submit by April 1, 2003 to:

Christian Wells
Cultural Resource Management Program
Gila River Indian Community
P.O. Box 2140
Sacaton, AZ 85247
tel. 520/562.6738; fax 520/562.3268
e-mail: christian.wells@asu.edu.



PALEOANTHROPOLOGY SOCIETY **ANNUAL MEETING & DUES** **INFORMATION**

Annual Meeting Information

The annual Paleoanthropology Society meeting will be held Tuesday and Wednesday, April 22 and 23, 2003 at the Tempe Mission Palms Hotel, Tempe, Arizona in conjunction with the American Association of Physical Anthropology (AAPA). It will begin at 9:00 AM in the "Palm AD" room. The preliminary program may be viewed on the Society's web site <http://www.paleoanthro.org>. Abstracts will also be available on this site. For reservations at the Tempe Mission Palms call 800-547-8705 or 480-894-1400. Be sure to note that you are with the AAPA group to obtain reduced rates (rate code ANTHR). Reservation and other useful information can be obtained from the AAPA web site <http://www.physanth.org>.

Meeting Registration

The registration fee is \$15.00 and should be paid now by mail. Please send a check payable to "Paleoanthropology Society" to John Yellen, 810 E Street SE, Washington DC 20003. For those unable to send a check by mail, limited registration will be possible at the Palm AD room entrance from 8:00 to 9:00 AM. However, to reduce congestion, mail registration would be greatly appreciated.

The Society Journal (A message from the editors) We are delighted to announce that the new on-line journal, PaleoAnthropology is up and running. The University of Pennsylvania press is handling the "publishing" of the journal which will be accessible through the society's web page. The abstracts and first issue will be available before our spring meeting. We hope that you will consider it for your next manuscript! More information about the journal is available on our web page at: <http://www.paleoanthro.org/journal.htm>

Beginning in January, 2004, the subscription price for the journal will be \$30 for individuals and will be included as part of your Society dues. However, for the rest of the calendar year 2003, the journal will be available free-of-charge, and therefore the Society dues will remain at \$10. If you have any questions, please contact co-editors Harold Dibble (hdibble@sas.upenn.edu) or Karen Rosenberg (krr@udel.edu) or Book Review Editor Deborah Olszewski (deboraho@sas.upenn.edu).

We all look forward to seeing you in Tempe! Eric Delson, Paleoanthropology Society Secretary <eedlc@cunyvm.cuny.edu> Please notify me if you need to modify the email address at which this was received.

INTERNATIONAL MEETING ON EXPERIMENTAL METALLURGY

Italy, September 19th - 21st, 2003

Dear colleagues,

I would like to inform you on the activities of one of the EXARC members, the Centre for Experimental Archaeology 'Antiquitates' in Italy. Director Angelo Bartoli hosts a convention on experimental metallurgy (with 'Etruscs' and 'Celts' as theme, but more broadly operated) near Rome. This follows the successful meeting which was held last September in Aubechies, Belgium.

It will be a good opportunity to perform activities of experimental archaeology on metallurgy in collaboration with museums, educational centres and experimental archaeologists as well as getting in contact with Northern and Southern European colleagues. The Tuscia University of Viterbo has already fixed a cycle of lectures about ancient metallurgy. The costs are set at a very minimum.

More information, including the complete text of the invitation and maps and posters are to be found on the EXARC website at www.exarc.org (under calendar).

Contact for more information Angelo Bartoli of Antiquitates: archeosperimentale@antiquitates.it

best

Roeland Paardekooper
secretary EXARC

34TH INTERNATIONAL SYMPOSIUM ON ARCHAEOLOGY (34TH ISA)

4th-8th, May, 2003 Hefei, CHINA

THIRD CIRCULAR

**Organized by:
University of Science & Technology of China, PRC**

**Instructed by:
National Committee of Natural Science Foundation
Chinese Academy of Sciences
National Bureau of Cultural Relics
University of Science & Technology of China**

February, 2003

Sessions:

The Symposium has seven sessions (no parallel sessions). Six of them are regular, while a seventh is selected by the local organizing committee.

The title of the regular sessions are as follows:

1. Field archaeology (remote sensing and prospection) and environmental archaeology
2. Dating (organic and inorganic materials)
3. Biomaterials(including agricultural archaeology)
4. Technology and provenance (stone, plaster and pigments)
5. Technology and provenance (ceramics and glass)
6. Technology and provenance (metals)
7. Special reports (achievements and perspectives on Chinese archaeology)

In addition to traditional sessions, we will especially welcome to any research on Chinese archaeology.

Organization:

Standing Committee:

PRESIDENT:

M.J.Aitken, Oxford

CHAIRMEN

M.S.Tite, Oxford

MEMBERS:

J.P.Arantegui, Zaragoza

L.Barba, Mexico City

K.T.Biro, Budapest

R.M.farquahar, Toronto

H.Kars, Amsterdam
Y.Maniatis, Athens
P.Meyers, Los Angeles
A.M.Ozer, Ankara
G.A.Wagner, Heidelberg
Changsui Wang, Hefei
S.U.Wisseman, Urbana

Local Organizing Committee:

CHAIRMAN:

Changsui Wang, Hefei

MEMBERS:

Fei Xu, Min Feng, Ying Qin, Yaowu Hu, Wulan Zhao, Zhongsheng Wang, (All from Hefei)

SECTERARY :

Yaowu Hu, Hefei

SCHEDULE(DRAFT)

May 4th (Sun.)—May 8th (Thu.)

	Morning (8:00-12:30)	Afternoon	Evening
May,3	Registration	Registration	
May,4	Sessions	Sessions	Welcome Banquet
May,5	Sessions	Sessions	
May,6	Sessions	Sessions	Performance
May,7	Hefei tour (including Anhui Museum, Baogong Temple, campus)		
May,8	Sessions	Sessions	Banquet
May,9	Departure /Academic Travel		

Official Language:
English

Registration:

- Registration fees(including visit, banquet, meals, performance, gifts, meeting room and so on)
 - ✓ Symposium participants: \$300
 - ✓ Students: \$150 (please take the evidence with you to show your student identity)
 - ✓ Accompanying person: \$225
- Some people only supplied the abstract to us without registration form. Please include everyone who will attend this meeting so that we can sum up the participants' numbers and arrange everything in the future. Hurry up to fill in the registration form, please.

Venue and Accommodation:

- **Important:** The venue will be changed from **Daoxianglou Hotel and adjacent Luyang Hotel** to **Grand Hotel Overseas Traders Club (four-star hotel)** . Excuse for the inconvenience we took to you.
- The price per room per night is \$25, \$ 35 depending on your choice.
- Telephone number of the hotel is 86-551-5318888.
- We will arrange the vehicles in the airport and train station to meet the participants on May, 3rd, 2003. So please tell us your schedule in form B to know when you will come to Hefei.
- Please fill the form B (**MS Word file**) for hotel reservation and send it to Yaowu Hu by mail, E-mail or fax before **15th, April, 2003**.

Abstracts

We are very grateful that a lot of people have sent their abstracts to us. But if you still want to participate this conference and present your paper, you still have chance to do that. Please send your abstract with registration form (**both should be made in the format of Word or text**) to Yaowu Hu by mail, Email or fax before **28th, February, 2002**. We will have no time to review your paper after this date. Please hurry up. We will process it and give your answer as soon as we get it.

The presentation is divided into two kinds: oral or poster. The time for the oral presentation is 20 minutes: 15 minutes for speaker and 5 minutes for questions. The length and width of poster presentation are 75 cm and 50 cm respectively. Please prepare your paper in advance.

To ensure you will get the visa to China, please send us your information, including your name, accompanying person, how long you will stay in China, and so on. We will send the formal invitation letter issued by CAS to you as soon as we get it.

Academic Travel

- After the Symposium, the local organizing committee will prepare three routes for academic travel.
 - A. Hefei—Xi'an—Luoyang—Zhengzhou—Beijing (five days), \$430;
 - B. Hefei—Tongling—Huangshan—Shanghai(four days), \$325;
 - C. Hefei—Nanjing—Suzhou—Shanghai four days, \$160.More details are available in the website.
- Please show your choice in the form C and send it to Yaowu Hu by mail or E-mail or fax before **15th. April 2003**.

Martin Aitken Prizes for best student posters

- To encourage the active participation of students in the Archaeometry Symposia, the Standing Committee offers two prizes each \$ 100, for the best posters representing the work of students enrolled in programs leading to degrees in science or archaeological science.
- Students must attend the Symposium to claim their prizes. If you wish to apply, please fill in the form D (**MS word file**) before **15th, April, 2003**.

Key Dates:

- **28th, February, 2003:** Deadline for abstracts;

- **15th. April 2003** Deadline of hotel reservation, academic travel, and Martin Aitken Prizes;
- **3th. May 2003**: Registration.

Communication:

Dr. Yaowu Hu
Department of Scientific History & Archaeometry,
University of Science and Technology of China,
No. 96 Jinzhai Rd., Hefei, Anhui, P.R. China, 230026
Tel: +86-551-3603914
Fax: +86-551-3603576
Cell Phone: 13855141592
E-mail: ywhu@ustc.edu.cn
Website: www.archaeometry.ustc.edu.cn

Notes:

1. all forms can be downloaded from the website www.archaeometry.ustc.edu.cn .
2. all the fees for registration, hotel, and academic travel will be paid in cash of US dollar during the registration.
3. the website will be updated regularly and contains all information relevant to participants and others who are interested in the Symposium. Please keep concern on the update of website.
4. some changes have occurred in third circular compared to second circular, especially in accommodation and abstract.

Appendix

Form A: Registration

First Name		Middle Name		Last Name	
Gender		Student (y/n)			
Institution					
Address					
Code/city		Country			
Email					
Telephone		Fax			
Abstract title					
Sessions	<ol style="list-style-type: none"> 1. Field archaeology (remote sensing and prospection) and environmental archaeology 2. Dating (organic and inorganic materials) 3. Biomaterials (including agricultural archaeology) 4. Technology and provenanceI(stone, plaster and pigments) 5. Technology and provenanceII (ceramics and glass) 6. Technology and provenanceIII (metals) 7. Special Reports (achievement and perspective on Chinese archaeometry) 				
Remark					

Form B: Hotel Reservation

First Name		Middle Name		Last Name	
Gender		Student (y/n)			
Institution					
Address					
E-mail					
Telephone		Fax			
Accompanying person					
Room choice	1. \$25	2. \$35			
Arriving date in Hefei		Flight number		Staying days in Hefei	
Remark					

Form C: Choice of Academic Travel

First Name		Middle Name		Last Name	
Institution				Gender	
Address					
Email					
Telephone			Fax		
Choice	A. Hefei—Xi'an—Luoyang—Zhengzhou—Beijing (five days), \$430; B. Hefei—Tongling—Huangshang—Shanghai (four days), \$325; C. Hefei—Nanjing—Suzhou—Shanghai (four days), \$160.				
Remark					

Form D: Application for Martin Aitken Prizes

First Name		Middle Name		Last Name	
Institution				Gender	
Address					
Code/city				Country	
Email					
Telephone			Fax		
Abstract title					
Remark					

PIXE 2004 First Hello!

Dear colleagues,

After [9th PIXE Conference](#) in Guelph, organized so nicely in June 2001 by John (Iain) L. Campbell and his excellent staff, it is a big pleasure for us to host the next conference in this series. Please, find therefore this letter as an introductory information about the **PIXE 2004**.

After Lund ('76), Lund ('80), Heidelberg ('83), Tallahassee ('86), Amsterdam ('89), Tokio ('92), Padua ('95), Lund ('98), and Guelph ('01), the 10th (jubilee) PIXE Conference will be held in [Ljubljana, Slovenia](#) from June 4th to 8th, 2004. Slovenia is a young country, becoming independent in 1991, and Ljubljana is its capital. The Conference will be organized by [Jozef Stefan Institute](#), the main Slovenian scientific institution, where physics represent an important part of its activity. It will be co-hosted by the [University of Ljubljana, FMF, Department of Physics](#) and Society of Mathematicians, Physicists and Astronomers of Slovenia. The Conference will be followed by the two-day Workshop on "**Archeometry with IBA and related methods**". The established scheme of the PIXE conferences is going to be followed with preserving the balance between the development of the method and its interdisciplinary applications. More emphasis will be given to support the use of more recent physical data, and to improve procedures to achieve the QA/QC of the PIXE use.

The final look of the **PIXE 2004 web site** is under preparation still, but can be accessed already at the URL address <http://pixe2004.ijs.si/>. The site serves the interested scientific community with the information about the conference scope, program, venue, abstract submission, deadlines, contacts, etc.

On behalf of the Local Organizing Committee I am looking forward to seeing you at the 10th PIXE Conference - [PIXE 2004](#) in Ljubljana.

Milos Budnar

Correspondence:

PIXE 2004

Jozef Stefan Institute

p.p. 3000

SI-1001 Ljubljana

SLOVENIA

phone: +386 1 588 5266

fax: +386 1 561 2335

e-mail: pixe2004@ijs.si

URL: <http://pixe2004.ijs.si>

EMSLIBS II

1st announcement

Dear friends/colleagues,

On behalf of the organizers I am sending you the 1st Announcement for the 2nd Euro-Mediterranean Symposium on Laser-Induced Breakdown Spectroscopy (EMSLIBS II), scheduled to take place in Crete, Greece from September 30 to October 3, 2003. Additional information can be found on the conference web site (www.iesl.forth.gr/emslibs2) which will be constantly updated with the latest information available.

I look forward to seeing you in Crete.

With best regards

Demetrios Anglos, EMSLIBS II Co-chair
Institute of Electronic Structure and Laser
Foundation for Research and Technology-Hellas (FO.R.T.H.)
P.O. Box 1527
71110 Heraklion, Crete
Greece

tel. +30-2810-391154, 1315
fax +30-2810-391318, 1305
e-mail: anglos@iesl.forth.gr
URL: www.iesl.forth.gr

EMSLIBS II

2nd Euro-Mediterranean Symposium on Laser Induced Breakdown Spectroscopy

30 September – 3 October 2003

Hersonissos, Crete, Greece

The conference will focus on fundamental issues, applications and technological / instrumentation advances in Laser Induced Breakdown Spectroscopy (LIBS).

Special emphasis will be placed on field portable LIBS chemical sensors for analytical applications.

EMSLIBS-II will be organized by FORTH-IESL at the Creta Maris Hotel. The symposium venue is attractively located by the beach of the resort town Hersonissos, 25 km east of Heraklion, the main city on the island of Crete.

Conference topics

- **Basic Physics of LIBS** (Plasma dynamics and modeling)
- **LIBS Applications** (Environmental, Industrial, Materials analysis)
- **Field portable chemical sensors** (Measurement issues and applications)
- **Commercial Instruments**

Field portable LIBS chemical sensors

Contact information

web page: www.iesl.forth.gr/emslibs2/

e-mail : emslibs2@iesl.forth.gr

Supported by the U.S. Army Research Laboratory – European Research Office

ENVIRONMENTAL MONITORING OF OUR CULTURAL HERITAGE: SUSTAINABLE CONSERVATION SOLUTIONS

Edinburgh, Scotland, November 13-14, 2003

Call for papers

Environmental Monitoring of our Cultural Heritage: Sustainable Conservation Solutions
Royal Museum Lecture Theatre
Edinburgh, Scotland, November 13-14, 2003

Call for papers:

Deadline for abstracts: April 30, 2003

Deadline for text for final papers: June 30, 2003

The aim of the conference is to explore the key role played by environmental monitoring in developing sustainable conservation of historic buildings, structures, contents, finishes and fixtures. The conference will address the issues of environmental monitoring in libraries, archives, museums and galleries, historic houses, castles, abbeys and medieval wall paintings.

A major objective is to examine the relationship between organisms, materials, environments and our cultural heritage. Particular emphasis will be laid on understanding environmental monitoring and control and deterioration to our Museums, Galleries, Archives, Libraries and Historic Monuments.

The conference will assist in the development of multidisciplinary sustainable solutions to deal with the problems caused by deterioration in the built environment and on historical artefacts.

The conference will focus on developing a better knowledge base for practitioners in conservation. This will be achieved by bringing together experts in the conservation of a range of different types of heritage artefact and buildings all of which are susceptible to the threats posed by biological, chemical and environmental pollution.

Key note topics: The programme includes presentations from keynote speakers, poster presentations, and exhibition, followed by general discussions. Main topics will include:

- Understanding the Historic and Cultural Environment
- Environmental Monitoring
- Historic Artefacts and Fixtures
- Libraries and Archives
- Instrumentation and Technologies
- Diagnosis and Control
- Non-destructive Inspection

Conservation Science
Historic Wall Painting and Frescoes
Indoor Air Quality and Health
Museums and Galleries
Sustainable Conservation Solutions
Case Studies
Exhibition
Poster Session

Abstracts not more than 250 words should be submitted by April 30, 2003 with an indication of the preference for oral or poster presentation. The organising committee reserves the right to designate papers as oral or poster. Notice of acceptance will be sent by 30th May 2003.

Abstracts may be sent as printed text, email attachment or on disc to:

Dr Jagjit Singh,
EBS, 30 Kirby Road
Dunstable LU6 3JH
jagjitsingh@ebssurvey.co.uk

Papers not more than 10,000 to 15,000 words with relevant photographs and tables should be submitted by 30th June 2003. The organising committee reserves the right to reject papers if they were not suitable for publication.

Publication: The conference proceedings will be edited by Dr Jagjit Singh and Dr Barry Knight. Papers should be submitted by e mail or on disc with one paper copy to the organising committee. Instructions for authors can be obtained from the organising committee on request.

Conference Organising Committee

Dr Barry Knight, English Heritage
Ms Linda Kosciwicz-Fleming, Historic Scotland
Mrs Hazel Von Hof, The National Archives of Scotland
Mr Rab Jackson, The National Library of Scotland
Ms Helen Spencer, National Museums of Scotland
Dr George Leslie, ISBE
Mr Ingal Maxwell, Historic Scotland
Dr Jagjit Singh, Environmental Building Solutions Ltd

Forename
Surname
Title
Initials
Qualifications
Position
Organisation
Address
Postcode

Telephone number
E-Mail Address
I enclose payment
Please Invoice

Payment should be made by cheque, crossed and made payable to Contact Property Training Ltd. All applications will receive a confirmation letter, map and VAT receipt/invoice.

Substitute delegates may attend at no additional cost. Refunds in respect of cancellations can only be made if cancellations are received in writing at least ten days before the event; and will be subject to a 25% +VAT administrative charge. The organisers reserve the right to alter the venue, the programme and/or the speakers at any time and without prior notice, and also reserve the right to cancel an event, in which case all fees will be refunded.

Signed
Dated

November 13-14, 2003, Edinburgh
UKP275 + VAT = UKP323.13
(includes: conference attendance, course documentation, lunches and refreshments)

Conference Organisers

CPT Events
54 London St, Reading, RG1 4SQ
+44 118 959 1590
Fax: +44 118 957 2476
enquiries@cptevents.co.uk
<[URL:http://www.cptevents.co.uk](http://www.cptevents.co.uk)>

If you require hotel accommodation, please contact the:
Edinburgh and Lothians Tourist Board.
<[URL:http://www.edinburgh.org/](http://www.edinburgh.org/)>
+44 845 2255 121 or
+44 1506 832 121 (Outside UK)

Mr R Jackson
Head of Preservation
National Library of Scotland
+44 131 226 4531 ext.2405
Fax: +44 131 622 4803

ARCHAEOLOGY AT THE 2003 EASTERN ANALYTICAL SYMPOSIUM

Direct request for presentations on Conservation Science / Archaeology for the 2003 Eastern Analytical Symposium

At the 10th Conservation Science Annual, in the 2003 Eastern Analytical Symposium (November 2003, Somerset, NJ USA) there will be two days of morning-afternoon archaeology and conservation science sessions, comprising four sessions in all on Monday and Tuesday the 18th and 19th of November. You may review last year's EAS Conservation Science Annual program at <<http://www.NYCF.org/eas.html>> and you may look over information on the complete 2002 EAS at <http://www.EAS.org>

A full day in two three hour sessions of 20-40 minute talks on applications of Xray based analytical methods for study of cultural heritage materials, is being organized by Drs Matija Strlic and Jana Kolar of Ljubljana, Slovenia. Seven European researchers will be speaking, and the organizers have asked for help in identifying North American contributors.

Cultural heritage and archaeological conservation scientist Dr. Gerhard Eggert of Stuttgart is organizing one three hour session on the deterioration of inorganic materials. Two European researchers will be speaking, and Dr. Eggert has asked for help in identifying North American contributors.

A session on dyes and colorants has been organized by Dr. Jennifer Giaccari of the science department at the Smithsonian Institution's Freer and Sackler Galleries.

Invited EAS speakers submit abstracts electronically in June via EAS office (not by April 15 via the EAS website as for "contributed" abstracts) but are not required to submit papers. Abstracts are published in the meeting's Program. Small travel subsidies funded by EAS or by the New York Conservation Foundation may be available through the session chair.

Please consider offering EAS a talk on your own current or very recent work, and please also mention the 2003 sessions to your colleagues. If interested, please contact Dr. Strlic, Kolar or Eggert via email with a provisional title and a few lines abstracting your presentation, within the next week.

Dr. Matija Strlic
Faculty of Chemistry and Chemical Technology
University of Ljubljana, Slovenia
E-mail: Matija.strlic@uni-lj.si
URL: <http://rcul.uni-lj.si/kem>

Dr. Jana Kolar
Head, National Centre for Preservation of Library Materials
Ljubljana, Slovenia

email: jana.kolar@nuk.uni-lj.si
URL: <http://infosrvr.nuk.uni-lj.si/jana/preservation.html>
URL: <http://www.infosrvr.nuk.uni-lj.si/jana/stran.html>

Dr Gerhard Eggert
Faculty of Cultural Heritage Conservation
Staatliche Akademie der Bildenden Kuenste, Stuttgart
E-mail: Gerhard.Eggert@t-online.de

Thank you!

John Scott

EAS Governing Board
EAS Conservation Science Coordinator
New York Conservation Foundation
New York, USA
E-mail: NYConsnFdn@aol.com
URL: www.NYCF.org



EMAC'03, 7TH EUROPEAN MEETING ON ANCIENT CERAMICS

Lisbon, Portugal, 27 - 31 October 2003

Second Circular

Dear colleagues,

Please find attached the 2nd circular and the registration form of EMAC03. Please look also at the updated web page <http://www.itn.pt/EMAC03>.

EMAC'03

INSTITUTO TECNOLÓGICO E NUCLEAR

Estrada Nacional 10, 2686-953 Sacavém, Portugal

General Telephone: + 351 21 9946000

Direct Telephones: + 351 21 9946222 (6223, 6202, 6220)

Fax: 351 21 9941455

mail to: emac03lisbon@itn.pt

Visit our web page at <http://www.itn.pt/>

and the URL for the next European Meeting on Ancient Ceramics

in Lisbon: <http://www.itn.pt/EMAC03>

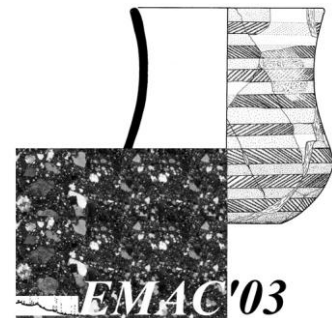
EMAC'03

7th European Meeting on Ancient Ceramics

Lisbon, Portugal

27 - 31 October 2003

SECOND CIRCULAR



Organized by

Cultural Heritage and Sciences Group

Grupo “*Património Cultural e Ciências*”

Instituto Tecnológico e Nuclear

Understanding

*People
through their pottery*

Organizing Committee

- **Doctor M. I. Prudêncio**, ITN (Portugal)
- **Doctor M. I. Dias**, ITN (Portugal)
- **Doctor J. C. Waerenborgh**, ITN (Portugal)

Scientific Committee

- **Appolonia, L.**, S. B. A. Culturali, Italy
- **Chapoulie, R.**, Michel de Montaigne University, CRPAA, Bordeaux, France
- **Day, P.M.**, University of Sheffield, U.K.
- **Maggetti, M.**, University of Fribourg, Switzerland
- **Maniatis, Y.**, Lab. Archaeometry, NCSR Demokritos, Greece
- **Perez-Arantegui, J.**, University of Zaragoza, Spain
- **Rocha, F.**, University of Aveiro, Portugal
- **Schneider, G.**, FU Berlin, Germany
- **Sequeira-Braga, M. A.**, University of Minho, Portugal
- **Tite, M. S.**, Oxford University, U.K.
- **Vendrell-Saz, M.**, University of Barcelona, Spain

GENERAL

The European Meeting of Ancient Ceramics (EMAC) will be held for the first time in Portugal. Our local Organizing Committee is looking forward to meeting here a large number of colleagues, in the pleasant town of Lisbon with its seven hills, located in the Tagus estuary next to the Atlantic Ocean.

The meeting will be organized by the Cultural Heritage and Sciences Group (CHS) of the Instituto Tecnológico e Nuclear (ITN) at Sacavém (3 Km from Lisbon).

VENUE

The meeting will be held at the Fundação Calouste Gulbenkian, located in the center of Lisbon. Av. de Berna 45 A, Lisbon, Portugal

SESSIONS

- A – Characterization of material culture, technologies and organization of pottery.
- B – Dating Ceramics.
- C – The importance of ceramic materials to metallurgy.
- D – Anthropological approaches for a better understanding of the social rules of ancient potters.

The Conference has no parallel sessions.

Presentation of Oral and Poster Communications

Oral presentations: Oral papers will be approximately 20 minutes duration with 5 minutes discussion. Slide and transparency as well as projection equipment will be available.

In the case of papers with multiple authors, the speaker should be indicated.

Poster presentations: there will also be papers presented in poster sessions. The poster dimensions should be strictly 120 cm (high) x 90 cm (wide).

Oral or poster communications may only be presented if one of the authors at least has paid the registration fee. Only one communication may be presented per registered author.

LANGUAGE

The official Conference language is English.

ABSTRACTS

Each abstract must include: title, authors initials and surnames, affiliations, text (and eventual references). Language: English. Length: not less than 200 and not more than 400 words. Paper size: A4, Portrait (297x210 mm), with 2.5 cm upper and bottom margins and 3 cm left and right margins. Font: Times New Roman 12pt, single spaced, preferred editor Microsoft Word 97/2000. Abstracts should be only text, tables should be included into the text and the abstracts should contain no pictures. More details in EMAC03 web page.

Submit the hard copy (laser or inkjet printer) of the abstract together with the Microsoft Word file in 3.5" floppy disk/CD and as an attachment to the e-mail of the Organizing Committee, emac03lisbon@itn.mces.pt, by **April 15, 2003**.

All abstracts will be reviewed by a session convenor, who will recommend whether to accept a paper and whether the paper should be in an oral or in a poster session.

PROCEEDINGS

All papers presented may be submitted for publication in the Conference Proceedings by the end of November 2003. Papers should be written in English. All papers will be peer reviewed by the members of the International Scientific Committee. Instructions on the paper format will be given on the 3rd Circular. The Conference Proceedings will be published either in an independent volume or in a relevant scientific Journal.

EXCURSION

A day break with an excursion is planned during the Conference including visits to the main historical remains of old Lisbon. For details see EMAC03 web page.

REGISTRATION FEES

All attendees must register for the conference, including organizers, chairpersons, members of the scientific committee and authors presenting communications.

Fees in Euro to be paid before April 15th, 2003 (early), or until October 27th, 2003 (late). Regular Fees cover the Conference folder with all relevant material (including Book of Abstracts), coffee/tea breaks, 4 simple lunches at FCG, the official dinner, the Conference excursion and excursion lunch.

Regular Fees 220 € (early) 240 € (late)

Accompanying Person Fees..... 100 € (early) 120 € (late)

(Includes official dinner, Conference excursion and excursion lunch)

Student Fees..... 140 € (early) 200 € (late)

(Does not include official dinner. Proof of student status is required. Preferably an official letter from the Institution of study).

Payment instructions are announced in the EMAC03 web site and in the Registration Forms.

For your prompt registration and payment details please consult the EMAC03 web page, download the Registration Form, fill in and send it via e-mail to emac03lisbon@itn.mces.pt, or by regular mail to

ITN/EMAC03

Instituto Tecnológico e Nuclear, Chemistry Department

Estrada Nacional 10

2686-953 Sacavém

PORTUGAL

Cancellation Policy

Cancellations must be submitted in writing to the organizing committee. A refund will be issued, less a 50 € processing fee, if the cancellation is received at least one month before the conference (September 26th, 2003). No refunds will be issued for cancellations received after September 26th, 2003.

For further information on the Conference do not hesitate to contact the Organizing Committee.

7th European Meeting on Ancient Ceramics

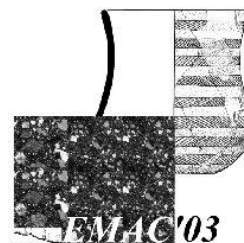
Cultural Heritage and Sciences Group - Instituto

Tecnológico e Nuclear

Lisbon, Portugal – 27 - 31 October, 2003

Registration Form

(Send before April 15th, 2003)



Registration Type: ___ Regular ___ Student ___ Accompanying Person

Poster Presentation: Oral Presentation:

IDENTIFICATION

Name: _____
first middle initial last

Accompanying Person: _____

Scientific Topic: **A** **B** **C** **D** (see web site for details)

Institution: _____

Mailing Address: _____

Telephone number: _____

Fax number: _____
country area number

e-mail: _____

All attendees must register for the conference, including organizers, chairpersons, members of the scientific committee and authors presenting communications.

Please check amount included in your payment:

Fees (EURO)	Early (until April 15th)	Late (until October 27th)
<input type="checkbox"/> Regular fee:	220 €	240 €
<input type="checkbox"/> Student Registration* (does not include Official Dinner):	140 €	200 €
<input type="checkbox"/> Accompanying Person (includes Official Dinner, Conference excursion and Excursion Lunch):	100 €	120 €
TOTAL AMOUNT:	_____ EURO	

(* Proof of student status is required by official letter.

Method of payment:

A bank cheque for the above **FEE** amount in **EURO** is enclosed, payable to: **ITN/EMAC03** and forwarded to the address below (We recommend using registered airmail). Personal Cheques are not accepted.

Bank Transfer to Caixa Geral de Depósitos: Account no. National - NIB = 0035 0703 00010564330 71

Bank Transfer to Caixa Geral de Depósitos: Account no. International - IBAN = 50035 0703 00010564330 71

Swift Code: CGDIPTL Reference: ITN/EMAC03 ITN Vat Registration no. 503 327 123

Bank transfers to be paid by participants. Please send a copy of the bank receipt to the address below.

Cash accepted at the registration desk (late fee payment)

NOTE: • All payments must be made in EURO. Personal Cheques are not accepted.
• Please identify clearly your name on the bank transfer, as well as, the EMAC03 Reference

Date: _____ Signature: _____

Mail this form with payment to:

ITN/EMAC03

emac03lisbon@itn.mces.pt

ITN - Chemistry Department

Estrada Nacional 10, 2686-953 Sacavém, Portugal

e-mail:

Fax: 351-21-994 14 55

Phone: 351-21-994 62

22/6223/6220/6202

ESC - EUROPEAN SEISMOLOGICAL COMMISSION, SC-A SEISMICITY OF THE EUROPEAN-MEDITERRANEAN AREA, WORKING GROUP 5 - ARCHAEOSEISMOLOGY

Why a WG "Archaeoseismology"?

Investigation on the seismicity of Antiquity and the Middle Ages (for which written sources are scarce or lacking) has led to an increasing use of archaeological data. Evidence of damage related to old earthquakes has been reported in mainly archaeological publications since the 19th century. Since some decades the word "archaeoseismology" is used to define the investigations related to the seismic effects on ancient structures, usually uncovered by means of archaeological excavations. In the last years the interest for archaeoseismic studies has strongly increased and this is reflected in the publication of special volumes and of articles in seismological and geological journals. Although its methodological aspects have been investigated in a number of publications, this interdisciplinary branch of the seismological science has not had a development comparable to that of other related disciplines (e.g. historical seismology and paleoseismology). This is due to a number of factors:

- the absence of continuous, systematic and combined efforts for the refinement and extension of the methodological background of this field of research
- the absence of a forum for exchange of ideas and results and for bringing together scientists and archaeologists/historians was critical in the slow development of Archaeoseismology
- the widespread belief that the regions in which preserved archaeological remains which can provide reliable evidence of past earthquakes are very few
- the necessity to involve, in most cases, a wide range of experts (archaeologists and historians specialized in specific fields, periods and areas, geologists, engineers)
- the wide range of topics usually included in the archaeoseismological research (e.g. archaeological remains may testify to fault activity or to the mechanical response of ancient structures to earthquake shaking)
- the problem that what may usually be regarded as signs of an earthquake (widespread collapses, sudden abandonment of settlements, restorations, ...) may have causes other than earthquakes. Or inversely, that various natural processes (landslides, floods, soil settlement, ..) or even human activities (wars, revolutions, ...) may have results similar to those of earthquakes. For this reason, the identification of the most probable cause for the damage and repair in a standing building or the destruction layer identified through the archaeological stratigraphy of an excavated site may require detailed *in situ* analyses (mainly archaeological, geological-geomorphological, geotechnical, structural and historical).

These particularities of the archaeoseismological research made the formation of a WG on this subject necessary.

Goals of the WG

The main goals of the WG are 1) the development of the methodological approaches for the identification, analysis, interpretation and exploitation of the archaeoseismic information through discussions among experts with a different cultural background in both workshops and field excursions and 2) the development and dissemination of archaeoseismology as an independent discipline which has the same value with Historical Seismology and Paleoseismology in the investigation of the past earthquakes.

More explicitly, among the aims of the WG is to contribute (1) in the development of methods for a reliable identification of archaeo-earthquakes, (2) in the compilation of data bases of archaeoseismologic data in various regions, (3) in the study of cases of deformation or collapse of ancient constructions which may testify to strong earthquake accelerations ("fossil strong motion records"), and (4) in the estimation of parameters of earthquakes based entirely or partly on archaeological data (correlation of archaeoseismologic data).

We are well aware of the fact that estimation of the parameters of archaeo-earthquakes presents difficulties depending on the seismological characteristics of the investigated region. In areas affected by frequent destructive earthquakes, such as central Crete, the Gulf of Corinth, the Umbria Apennines, the definition of earthquake parameters based on archaeoseismologic data is very difficult, since the archaeological chronology cannot discriminate between events which occurred in a short time span. On the contrary, such correlations seem to be much easier in regions affected by sparse seismogenic sources characterised by long recurrence intervals or infrequent earthquake occurrence (e.g. western Crete, SE Peloponnese, the Abruzzi Apennines, the Venetian Southalpine).

Actions of the WG

Our priorities for the period 2002-2004 are

first, to motivate the production of methodological documents on archaeoseismology and to produce an official report of the WG defining an archaeoseismological methodology.

second, to organize specific workshops, conferences and sessions in the framework of other congresses. In particular, it is our intention to organise an annual meeting of the WG which should bring together not only experts on archaeoseismology but also researchers from other related WGs of the ESC (in particular, the WGs "Historical Seismology" and "Seismogenic Sources"). The date and the place for the 1st annual meeting of the WG "Archaeoseismology" will soon be announced.

Invitation to join the WG

Colleagues who have interest in Archaeoseismology, are warmly invited to join our WG and contribute in its activities.

Fabrizio Galadini
Stathis Stiros

Fabrizio Galadini
CNR - IGAG
Istituto di Geologia Ambientale e Geoingegneria

Area di Ricerca di Roma - Tor Vergata
via del Fosso del Cavaliere
00133 - Roma, Italy
phone (39) 06 4993 4479
fax (39) 06 4993 4023
e-mail f.galadini@igag.cnr.it



INQUA COMMISSION FOR TEPHROCHRONOLOGY AND VOLCANISM

Reno, Nevada, USA, 23 and 30 July 2003

Hi Everyone,

The INQUA Commission for Tephrochronology and Volcanism is involved in the INQUA Congress to be held at Reno, Nevada, USA (23 and 30 July 2003) and would welcome abstracts on related topics in the following oral and poster sessions:

Oral

1. Were abrupt climate changes at the last glacial termination globally synchronous? (John Lowe, J.Lowe@rhul.ac.uk; Commission on Palaeoclimate; Commission on Tephrochronology and Volcanism)

Poster

2. Correlation of ice, marine, and terrestrial sequences using tephrochronology (Chris Turney, c.turney@qub.ac.uk; Siwan Davies, siwan.davies@natgeo.su.se; Commission on Tephrochronology and Volcanism)

3. Effects of volcanic eruptions on the atmosphere and climate (Jiaqi Liu, liujq@mail.igcas.ac.cn; Valerie Hall; James Beget; Commission on Tephrochronology and Volcanism)

Details of the Congress can be found at <http://inqua2003.dri.edu/>. The key date is for submissions of abstracts that must be made by 31 March 2003 on the INQUA Congress website.

If you require any further details please do not hesitate to contact me or any of the symposia organisers listed above.

Best wishes,

Chris

Dr. Chris Turney

Secretary to the INQUA Commission for Tephrochronology and Volcanism

Web page: <http://www.qub.ac.uk/arcpal/Tephra/inquatephra/index.html>

Tephra extraction techniques virtual workshop:

<http://www.qub.ac.uk/arcpal/Tephra/Tephtrace/Home.htm>

Deputy Radiocarbon Laboratory Manager

Web page: <http://www.qub.ac.uk/arcpal/c14/c14.htm>

School of Archaeology and Palaeoecology,
Queen's University,
Belfast, BT7 1NN, UK

E-mail: c.turney@qub.ac.uk

Tel.: 00 44 (0)28 9027 3980

Fax.: 00 44 (0)28 9033 5354



3RD WORKSHOP ON NEW TRENDS IN LASER CLEANING

Crete, Greece, October 3-4, 2003

1st Announcement

Dear colleagues,

On behalf of the organizers we are sending you the 1st Announcement for the 3rd Workshop on *New Trends in Laser Cleaning* scheduled to take place in Crete, Greece on October 3-4, 2003.

Additional information will be soon available on our web site that will be constantly updated with the latest information available.

We look forward to seeing you in Crete.

With best regards,

Savas Georgiou & Vassilis Zafirooulos (Co-chairs)

Institute of Electronic Structure and Laser
Foundation for Research and Technology-Hellas (FO.R.T.H.)
Vassilika Vouton, P.O. Box 1527
71110 Heraklion, Crete
Greece

Tel.: +30-2810-391315
FAX: +30-2810-391318, 1305
E-mail: lascleaning3@iesl.forth.gr
<http://www.iesl.forth.gr>

REMINDER: CALL FOR PAPERS **ARCHAEOLOGICAL INSTITUTE OF** **AMERICA 105TH ANNUAL MEETING**

This is a reminder that the deadline for submitting paper proposals for the 105th Annual Meeting of the Archaeological Institute of America is March 20th.

The AIA will hold its 105th Annual Meeting in San Francisco, California, January 2-5, 2004. The program committee invites proposals for individual papers, field reports, poster presentations, and roundtables, as well as for organized sessions such as colloquia and workshops. The Call for Papers is available in HTML and as a downloadable PDF document on the AIA website, www.archaeological.org.

Submitters should note that, in contrast with practice prior to the 2003 meeting, all submissions must be made by means of online submission forms. All online forms will be available on January 20th. Please review the guidelines and supplemental information for online submission as the process is significantly changed from previous years.

CANQUA/CGRG 2003 HALIFAX, NOVA SCOTIA

CANQUA/CGRG 2003 Halifax, Nova Scotia
June 8-12, 2003

Canadian Quaternary Association, Canadian Geomorphology Research Group

The third circular and call for abstracts are out! Deadline April 15, 2003

Check out the conference web page at:

<http://www.gov.ns.ca/natr/meb/canqua/canqua.htm>

Special sessions:

1. Doug Grant memorial session on the glacial geology of Atlantic Canada.
2. 3-d mapping onshore and offshore.
3. Tracing North American meltwater from land to offshore.
4. Drift prospecting: new techniques and advances.
5. Geoarchaeology and applied dating methods.
6. ACID workshop: Atlantic Canada Ice Dynamics.

Field trips: 3-day-3-coast excursion of Maritime Canada, Halifax Harbour cruise

Organizing Committee:

Ralph Stea, Nova Scotia Department of Natural Resources
John Shaw, Geological Survey of Canada
Gordon Fader, Geological Survey of Canada
Ian Spooner, Acadia University
Dave Scott, Dalhousie University
John Gosse, Dalhousie University
Yves Michaud, Geological Survey of Canada, Quebec
Ann Miller, Acadia University

Rudolph R. Stea Ph. D
Mesozoic and Cenozoic Geology
Bus. 902-424-2528
Fax 902-424-0527
1701 Hollis Street
PO BOX 698
Halifax, Nova Scotia, Canada
B3J 2T9
E-Mail rrstea@gov.ns.ca
URL www.gov.ns.ca/natr/meb/field/start.htm

ΝΕΕΣ ΕΚΔΟΣΕΙΣ – NEW PUBLICATIONS

WRITTEN IN STONE: THE MULTIPLE DIMENSIONS OF LITHIC ANALYSIS

Hello all,

I want to inform you about a book that I co-edited that is now published. Below is the pertinent information, including the table of contents. There are several articles that may be of interest to members of this list.

Kardulias, P. Nick, and Richard W. Yerkes

2003 *Written in Stone: The Multiple Dimensions of Lithic Analysis*.
Lexington Books, Lanham, Md.
ISBN: 0-7391-0536-1

Copies can be ordered from:

Lexington Books, 4720 Boston Way, Lanham, Maryland 20706 USA

Phone: 1-800-462-6420

Internet: www.lexingtonbooks.com

The book has eight chapters that discuss stone tools from archaeological sites from various world regions: North America, Mesoamerica, Southeast Europe, the central Mediterranean, and southwest Asia. The authors not only provide basic descriptions and typologies, but also examine what stone tools can tell us about craft specialization, trade, and the nature of both early state and pre-state societies.

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Sincerely,

Nick Kardulias

P. Nick Kardulias
Associate Professor
Department of Sociology and Anthropology and
Chair, Program in Archaeology
Kauke Hall
400 E. University Street
College of Wooster
Wooster, Ohio 44691-2363

Phone: 330-263-2474
Archaeology Lab: 330-263-2654
Fax: 330-263-2614
Email: pkardulias@wooster.edu



ELECTRONIC ANTIQUITY 7.1

The latest issue of Electronic Antiquity is now available. Issue 7.1 can be found at:
<http://scholar.lib.vt.edu/ejournals/EIAnt/V7N1/>

It includes an article by David Whitehead on Greek Oratory and reviews of books on Odysseus, Sparta, Greek art and archaeology, Egypt, and late antiquity

TLP & ASB

Dr. Terry L. Papillon
Co-Editor, Electronic Antiquity: <http://scholar.lib.vt.edu/ejournals/EIAnt/>
Associate Professor of Classics
Coordinator, Classical Studies Program

Dr. Andrew Sprague Becker (andrew.becker@vt.edu)
Co-editor and Book Review Editor, Electronic Antiquity
Ancient Greek, Latin, & Classical Studies
Chair-elect, Dept. of Foreign Langs. and Lits.

Department of Foreign Languages & Literatures, Virginia Tech
Blacksburg, VA 24061-0225
540-231-8319 (phone and voice mail), 540-231-5361 (secretary)
540-231-4812 (fax)
Electronic.Antiquity@vt.edu (e-mail)

John G. Younger, Professor
Department of Classics, and Program in Humanities
and Western Civilization
2110 Wescoe Hall
1445 Jayhawk Blvd.
University of Kansas
Lawrence, KS 66045-7590
T (JGY's office): 785-864-3263
T (Classics): 785-864-3153
F (Classics): 785-864-5566
E: jyounger@ku.edu
W: <http://www.people.ku.edu/~jyounger/>

ARCHAEOLOGIA BULGARICA

ISSUE VII, 2003, 1 (19TH)

Issue VII, 2003, 1 (19th) of **Archaeologia Bulgarica** has just been printed.

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All articles in *Archaeologia Bulgarica* are submitted to peer review.

Best,

L.F. Vagalinski
Editor-in-Chief
Sofia

BG ISSUES

Perhaps You will be interested in the following titles:

Title: BURNISHED POTTERY FROM THE FIRST CENTURY TO THE BEGINNING OF THE SEVENTH CENTURY AD FROM THE REGION SOUTH OF THE LOWER DANUBE (Bulgaria)

ISBN 954-90387-5-X

Author: Lyudmil F. Vagalinski

Publication date: August 2002

Price: USD 23, incl. postage (surface)

Annotation: first attempt in SE Europe to systematize this kind of controversial pottery whose ethnic affiliation is still “the apple of discord” in European archaeology; bilingual – English and Bulgarian; 20 X 28 cm, paperback, 200 pp. incl. 1 map and 49 tables

Title: URBANISIERUNG IN DEN INNEREN GEBIETEN THRAKIENS UND ILLYRIENS IM 6.-1. JHD. V. CHR.

ISBN 954-90387-4-2

Author: Christo Popov

Publication date: July 2002

Price: USD 22, incl. postage (surface)

Annotation: Bulgarian, 28 pp summary in German; 16,2 X 23,6 cm, paperback, 378 pp. incl. 14 maps, 91 photos and plans

Title: THE ROMAN AND LATE ROMAN CITY. (The International Conference, Veliko Turnovo 26-30 July 2000).

ISBN 954-430-845-8

Author: Lyudmila Ruseva-Slokoska/ Rumen Ivanov/ Ventsislav Dinchev (eds.)

Publication date: May 2002

Price: USD 33, incl. postage (surface)

Annotation: 69 papers in English (mostly), German, French and Bulgarian of scholars from Bulgaria, Germany, Great Britain, Greece, Macedonia, Poland, Ukraine, Yugoslavia; 22 X 29 cm, hardback, 438 pp. Contents:

1. 1. L. Slokoska/ A. Poulter: International Scientific Conference “The Roman and Late Roman City”. 100 Years of Excavations in Nicopolis ad Istrum
2. 2. L. Slokoska: A Century of Archaeological Excavations in Nicopolis ad Istrum
3. 3. A. Poulter: >From City to Fortress and from Town to Country: 15 Years of Anglo-Bulgarian Collaboration
4. 4. P. Vladkova: The Earliest Nicopolis ad Istrum
5. 5. I. Turov: The Western Aqueduct of Nicopolis ad Istrum – 70 Years Later (in Bulgarian with English summary)
6. 6. V. Dinchev: About The History of Nicopolis ad Istrum and Its Territory in The Second Half of The 5th Century (in Bulgarian with English summary)
7. 7. A. Hammon: The Mammal and Bird Bones from Dichin (Gradishteto): Assessment and Potential
8. 8. T. Popova: Palaeoethnobotanical and Anthracological Analysis from Roman Town Nicopolis ad Istrum and Dichin Hillfort (Roman aqueduct), North Bulgaria

9. 9. P. Grinter: Palaeobotanical Research at Gradishte: A Unique Insight into The Economy of A Late Roman, Early Byzantine Defended Site
10. 10. A. Kamenarov: Methodes geodesique d'analyse du plan urbain de la ville antique de Nicopolis ad Istrum (in Bulgarian with French summary)
11. 11. Z. Goceva: Kaiserkult in Nicopolis ad Istrum
12. 12. R. Ivanov: Ehreninschriften aus Nicopolis ad Istrum (Regierungszeit der Severen)
13. 13. V. Gerassimova: Life and Death in Nicopolis ad Istrum According to Its AD 2.-3-. Centuries Epigraphic Monuments (in Bulgarian with English summary)
14. 14. P. Loungarova: Les cultes du territoire de Nicopolis ad Istrum (in Bulgarian with French summary)
15. 15. Z. Dimitrov: Ionic Capitals from Nicopolis ad Istrum
16. 16. S. Conrad: Die Grabdenkmaeler aus dem Territorium von Nicopolis ad Istrum
17. 17. H. Haritonov: Kuenstlerische Gesichtspunkte der Portraetsgestaltung von Gordian III an den Muenzen von Nicopolis ad Istrum (in Bulgarian with German summary)
18. 18. V. Vassilev: Datierung und Herstellungsort des Bronzekopfes Gordian III. Aus Nicopolis ad Istrum
19. 19. R. Gushterakliev: Coins of Nicopolis ad Istrum in The Malinovo Hoard and in Hoards from Northern Bulgaria (in Bulgarian with English summary)
20. 20. M. Minkova: Some Remarks on The Circulation and The Coinage of Nicopolis ad Istrum in Light of Specimens from The Historical Museum in Stara Zagora
21. 21. P. Ilieva: An Exception – A Silver Figurine of Hermes-Mercury from Nicopolis ad Istrum
22. 22. G. Mavrov: Additional Conservation of A Roman Statue in Nicopolis ad Istrum (in Bulgarian)
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24. 24. N. Elenski: Prehistoric Settlements Along The Medium Course of The River Yantra (Results of terrain surveys in the seasons 1999/2000 of the British-Bulgarian expedition) (in Bulgarian, English summary)
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29. 29. S. Boyadjiev: La destination initiale de la porte occidentale d'Oescus
30. 30. K. Koycheva: Church and Necropolis of Fortified Settlement by Gabrovo (in Bulgarian)
31. 31. Z. Kalinowski: Between The West and The East: Some Aspects of The Architecture of The Episcopal Basilica at Novae
32. 32. A. Biernacki/ E. Klenina: Some Remarks on The Episcopal Residence from the 5th-6th C AD in Novae
33. 33. P. Dyczek: A late Roman Settlement on The Site of The Valetudinarium at Novae
34. 34. A. Biernacki/ J. Skoczylas: The Classification of Rock Material in Juxtaposition With The Typology of The Inscribed Pedestals in Novae
35. 35. D. Makowiecki/ M. Makowiecka: Animal Remains from The 1989, 1990, 1993 Excavations of Novae (Bulgaria)

36. 36. I. Dontcheva: La forteresse antique “Kovatchevsko kale” (in Bulgarian with French summary)
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41. 41. S. Torbatov: Aphrodisias-Aphrodeision-Aphrodision
42. 42. I. Staykova: Urbanization of Pautalia (in Bulgarian)
43. 43. L. Staykova-Alexandrova: Necropolises of Pautalia and Its Hinterland II-IV C AD (in Bulgarian)
44. 44. I. Topalilov: Manche Notizen zur “Geographia” von Claudius Ptolemaeus ueber die Staedte in der roemischen Provinz Thrakien
45. 45. L. Vagalinski: Arenas of Roman Thrace
46. 46. I. Lozanov: Philippopolis and The Strategies in Roman Thrace
47. 47. M. Tatcheva: Donnees inedites sur le sejour de l’empereur Marc Aurele a Philippopolis en 176
48. 48. M. Martinova: New Data on Urbanization of Philippopolis (in Bulgarian)
49. 49. M. Bospatchieva: New Facts About The Eastern Thermae of Philippopolis
50. 50. H. Buyukliev: Roman Epigraphic Data in Augusta Traina (in Bulgarian)
51. 51. A. Dimitrova-Milceva: Nicopolis ad Nestum waehrend der spaetantiken und der fruehbyzantinischen Epoche
52. 52. L. Jovanova: The Disposition of Scupi (Colonia Flavia Scupinorum) in Relation to The Necropolises from 1st-3rd C AD
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60. 60. B. Bojkova: Architectural Monuments Represented on The Coins of Serdica (in Bulgarian with English summary)
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66. 66. A. Belivanova/ B. Spasov: New Data on Metal-Working During Late Antiquity (in Bulgarian)
67. 67. E. Klenina: Earthenware of The II-III Centuries AD from Excavations of Legionary Bath Canal in Novae (Moesia inferior)
68. 68. B. Stawoska-Jundzill: Relief Decoration on The Lamps from Novae

69.69. S. Cherneva-Tilkiyan: Imitations of Athic Lamps of III-IV C Found in Philippopolis (in Bulgarian)

Title: DER LIMES AN DER UNTEREN DONAU VON DIOKLETIAN BIS HERAKLIOS

(Vortraege der Internationalen Konferenz Svistov, Bulgaria, 1.-5.9.1998)

ISBN 954-90387-2-6

Author: Gerda von Buelow, Alexandra Milceva (Eds.)

Publication date: November 1999

Price: USD 25,00 incl. postage (surface)

Annotation: This volume includes 37 papers in English, German and French of scholars from Bulgaria, Germany, Great Britain, Poland, Romania, Ukraine, Yugoslavia. 20 X 28 cm; colored paper back; 310 pp incl. 158 ills. Contents:

1. 1. M. Zahariade: The Tetrarchic Building Activity at the Lower Danube: I. Quadriburgia
2. 2. M. Mirkovic: Eine Schiffslaende des spaeten 6. Jahrhunderts bei Viminacium?
3. 3. M. Vasic: Transdrobeta (Pontes) in the Late Antiquity
4. 4. K. Dimitrov: Monnaies et instruments de pesage antiques de Castra Martis
5. 5. G. Kabakieva: Das spaetroemische Oescus. Ein Gebaeude mit Podium und Kanalhypokaustenanlage auf dem Forum
6. 6. T. Sarnowski: Die Principia von Novae im spaeten 4. und fruehen 5. Jh.
7. 7. Z. Kalinowski: The Temple Complex at the Episcopal Residence in Novae
8. 8. A. Biernacki: A Marble Sigma-shaped Mensa from Novae
9. 9. E. Klenina: Table and Cooking Pottery of the 4th-6th c. AD from the Excavations of the Episcopal Residence in Novae
10. 10. E. Genceva: la production dans le camp militaire romain Novae pendant la Basse Antiquite (a l'instar du scamnum tribunorum)
11. 11. P. Dyczek: A Glass Atelier from Sector IV in Novae
12. 12. M. Cicikova: Lampes paleobyzantines de Novae
13. 13. A. Milceva: Eine Glasschale mit eingeschliffenem Dekor aus Novae
14. 14. R. Ivanov: Eine neue lateinische Inschrift aus Novae
15. 15. V. Naydenova: Le culte de Mithra a Novae (Mesie Inferieure)
16. 16. M. Tatcheva: Les inscriptions greques de Novae (Moesia Inferior)
17. 17. J. Skoczylas: Das Gestein aus dem Steinbruch von Hotnica und die architektonischen Elemente in den roemischen Bauwerken von Niedermoesien
18. 18. D. Makowiecki: Animal Economy in the Microregion of Novae in the Light of its Archaeozoological Data
19. 19. B. Doehle: Beobachtungen zur Bebauung und Bauabfolge im Westabschnitt von Iatrus (Perioden A bis D)
20. 20. D. Stancev: Das Praetorium des Kastells Iatrus. Vorlaeufiger Bericht
21. 21. G.v. Buelow: Die Bebauung an der Nordseite der via praetoria in Iatrus
22. 22. V. Dintchev: Sur la caracteristique d'Iatrus (deuxieme moitie du Ive-debut du Ve s.)
23. 23. S. Conrad: Zu Typologie und Funktionsbestimmung der Amphoren aus dem Kastell Iatrus
24. 24. G. Gomolka-Fuchs: Eine fruehvoelkerwanderungszeitliche Nephritschnalle aus dem spaetroemischen Limeskastell Iatrus in Nordbulgarien
25. 25. K. Wachtel: Fragment einer Bauinschrift aus den Jahren 340/350, gefunden im spaetantiken Kastell Iatrus
26. 26. D. Stancev: Eine Befestigung beim Dorf Batin (Gebiet Ruse)

27. 27. A. Poulter: “Gradishte” near Dichin: a New Late Roman Fortress on the Lower Danube
28. 28. L. Vagalinski: Die spaetroemische noerdliche Festungsmauer von Transmarisca
29. 29. E. Petkov: Le role de Transmarisca dans le limes des Bas-Danube
30. 30. G. Milosevic/P. Donevski: The Late Antique Tombs at Silistra (Durostorum)
31. 31. I Bogdan Cataniciu: Changements du projet de la citadelle des Tropaeenses a l’epoque constantinienne
32. 32. S. Torbatov: A Note on Dinogetia
33. 33. I. Opris: Decoration Techniques and Motifs of the Late Roman and Early Byzantine Ceramics. Fine Wares in Scythia Minor (4th-6th c.AD)
34. 34. L. Ruseva-Slokoska: On Some Aspects of the Late Roman Jewellery along the Right Bank of the Lower Danube Limes
35. 35. P. Vladkova: Amulets Made of Bone and Horn from Lower Moesia
36. 36. Z. Goceva: Eine interessante Aeusserung des Silvanus-Kultes im Gebiet des unteren Donanulimes
37. 37. A. Barnea: Le Bas Danube entre paganisme et christianisme

Title: TERRA SIGILLATA UND DUENNWANDIGE KERAMIK AUS MOESIA INFERIOR (Nordbulgarien)

ISBN 954-90387-3-4

Author: Alexandra Dimitrova-Milceva Ph.D.

Publication date: June 2000.

Price: USD 21,00 incl. postage (surface)

Annotation: The first general research on Roman import pottery in province Moesia inferior.

20 x 28 cm, paper back, 120 pp incl. 6 ill., 8 tables and 30 plates.

Title: LOWER MOESIA AND THRACE IN THE ROMAN IMPERIAL SYSTEM (AD 193-217/218)

ISBN 954-07-0711-0

Author: Dilyana Boteva Ph.D.

Publication date: 1997

Price: USD 19,00 incl. postage (surface)

Annotation: The author offers a thorough study of all available sources on the development of Lower Moesia and Thrace in the Roman Imperial system under the Early Severi. The author argues a new research method, based on a historical approach towards the provincial coinage combined with the evidence of the synchronous epigraphic material and the ancient authors. This enables her to clarify the chronology of the legati Augusti and to reconstruct some unknown features of the Imperial development: Trans-Danubian (Getic?) invasions in Lower Moesia at the end of the 2nd/beginning of the 3rd c. AD and proclamations of co-rulers provoked by these invasions - a practice, which found its final stage of development about a century later with the establishment of the Tetrarchy.

16,3 x 23,3 cm; paper back; in Bulgarian, 377 pp, including 37 pp summary in English

Title: THRACIAN CULT ARCHITECTURE

ISBN 954615072-X

Author: Malvina Rousseva Ph.D.

Publication date: May 2000

Price: USD 29,00 incl. postage (surface)

Annotation: This is the first publication of its kind written by an architect. The author works as an expert at the Ministry of Culture at Sofia.

22,5 x 29,5 cm; hard cover; bilingual – English and Bulgarian; 201 pp, incl. 22 colour and 88 black and white ill.

Title: ARCHAEOLOGIA BULGARICA

ISSN 1310-9537

Publication date: since 1997 nineteen issues have been struck off. The last one is VII 2003/1.

Editor-in-Chief: Lyudmil F. VAGALINSKI PhD (Sofia, Bulgaria)

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Price: Annual subscription price payable in advance till December 31st: USD 54.

Annual price for back issues: USD 59.

Single fascicles (current and back numbers): USD 21.

All prices include postage (surface).

Annotation: Archaeologia Bulgarica is a new Bulgarian archaeological review, the only such publication in a foreign language - English (mostly), German and French. It is published every four months (thrice a year; 20 x 28 cm; 100 pages and ca. 60 illustrations per a number; colored cover) and provides a publishing forum for research in archaeology in the broadest sense of the term. There are no restrictions as to time and territory but the emphasis is on Southeastern Europe.

All articles in Archaeologia Bulgarica are submitted to peer review.

<http://www.techno-link.com/clients/lvagalin/index.html>

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Sincerely,

Lyudmil F. Vagalinski Ph.D.
archaeologist & publisher

ΘΕΣΕΙΣ ΕΡΓΑΣΙΑΣ/ΥΠΟΤΡΟΦΙΕΣ –
JOB VACANCIES/FELLOWSHIPS

RESEARCH STUDENTSHIP
OPPORTUNITIES
UNIVERSITY OF PLYMOUTH, UK

DEPARTMENT OF GEOGRAPHY
QUATERNARY ENVIRONMENTS RESEARCH GROUP
RESEARCH STUDENTSHIPS 2003

Applications are welcome for the following PhD studentship topics, to be funded by University of Plymouth, NERC and/or Leverhulme Trust.

1. Development of chironomid-based quantitative temperature reconstruction from Late Pleistocene sequences in New Zealand, Dr Rewi Newnham (rnewnham@plymouth.ac.uk Tel: +44 1752 233078)
2. Late Quaternary fire histories in the East Mediterranean region, Prof. Neil Roberts (cnroberts@plymouth.ac.uk, Tel: +44 1752 233065)
3. The response of peatlands to climate change during the past two hundred years using high resolution testate amoebae analysis, Dr Dan Charman (dcharman@plymouth.ac.uk, Tel: +44 1752-233058)
4. Development of a European transfer function for quantitative palaeohydrological reconstruction from peatland testate amoebae, Dr Dan Charman (dcharman@plymouth.ac.uk, Tel: +44 1752-233058)
5. Late Holocene sea-level changes in Denmark, Dr Roland Gehrels and Dr Dan Charman (contact: dcharman@plymouth.ac.uk, Tel: +44 1752-233058)
6. The impact of sea-level rise on coastal transport infrastructure, Dr Paul Russell and Dr Roland Gehrels (contact prussell@plymouth.ac.uk)
7. Multiple geohazard risk assessment, Dr Jim Griffiths, Dr Anne Mather and Dr Martin Stokes (contact j1griffiths@plymouth.ac.uk, Tel +44 1752 23101)

Initial enquiries/applications should be made to the Department or the named contact by March 10, 2003. Department of Geography, University of Plymouth, Plymouth, Devon, PL4 8AA, UK. Tel: +44 1752 233053, Fax: +44 1752 233054.

Further details of the Quaternary Environments Research Group can be found on <http://www.geog.plym.ac.uk/research/quatern/quat.htm>. Further details of individual projects can be obtained from named contacts.

Dr Dan Charman
Dept Geographical Sciences

School of Geography and Geology
University of Plymouth
Plymouth, Devon, PL4 8AA,
United Kingdom

Tel: +44 1752 233058

Fax: +44 1752 233054

Email: dcharman@plymouth.ac.uk



ESF-HOLIVAR WORKSHOP - PHD & POSTDOC PLACES AVAILABLE

ESF-HOLIVAR WORKSHOP : "Holocene dating, chronologies, and age modelling"

Date: 24-27 April 2003

Organiser: Prof. Andri F. Lotter, University of Utrecht, The Netherlands

Location: Conference Centre Woudschoten, Zeist in the vicinity of Utrecht, The Netherlands

APPLICATION PROCEDURE FOR THE WORKSHOP

Participation in the workshop is by invitation only. However, at a recent HOLIVAR Steering Committee meeting it was agreed that some places should be offered to selected Postdoctoral and PhD students. All European nationals and those affiliated with European institutions are invited to apply.

Application closing date: 1st March 2003 (completed application forms should be sent to Prof. Andri F. Lotter).

For successful applicants: travel, workshop and accommodation costs will be covered.

For further information on the WORKSHOP visit the following website:

<http://www.geog.ucl.ac.uk/ecrc/holivar>

Application forms and further details can be downloaded from a link on this site, alternatively contact Heather Binney directly (contact details below).

For further information on the ESF-HOLIVAR programme visit the website on:

<http://www.esf.org/holivar>

Heather Binney
Environmental Change Research Centre
University College London
26 Bedford Way, London WC1H 0AP
Tel: (+44) (0) 207 679 5562

Email: h.binney@ucl.ac.uk

FUNDING OPPORTUNITY VIA THE CLAUDE C. ALBRITTON, JR. AWARD

The Albritton Award Fund of the Archaeological Geology Division of the Geological Society of America provides scholarships and fellowships for graduate students in the earth sciences or archaeology for research. Recipients of the award are students who:

- (1) are working toward a postgrad (M.A./M.S. or D.Phil/Ph.D. degree in earth sciences or archaeology;
- (2) demonstrate an interest in applying earth science methods to archaeological research; and
- (3) express interest in a career in teaching and academic research.

Awards in the amount of \$650 are given in support of thesis or dissertation research, with emphasis on the field and/or laboratory aspects of the research.

Further information about these scholarships and links to the applications may be found at <http://rock.geosociety.org/arch/>.

The deadline for receipt of applications is March 1.

Kathleen Nicoll

University of Oxford
School of Geography & Environment
Mansfield Road
Oxford OX1 3TB UK
01 865 271 929 (fax)
01 865 271 903 (office)
kathleen.nicoll@geography.ox.ac.uk



GEOARCHAEOLOGY Reviewers

Qualified reviewers needed for the following titles received by GEOARCHAEOLOGY.

Clovis Blade Technology: A Comparative Study of the Keven Davis Cache, Texas. Michael B. Collins, (2002) University of Texas Press, Austin, Texas. (paper)

Before the Volcano Erupted: The Ancient Cerén Village in Central America. Payson Sheets (ed.) (2002) University of Texas Press, Austin, Texas. (hardcover)

Droughts, Food and Culture: Ecological Change and Food Security in Africa's Later Prehistory. Fekri A. Hassan (ed.), (2002) Kluwer Academic/Plenum Publishers, New York. (hardcover)

Landscapes of Transition: Landform Assemblages and Transformations in Cold Regions. Kenneth Hewitt, (2002) Kluwer Academic/Plenum Publishers, New York. (hardcover)

Salado Archaeology of the Upper Gila, New Mexico. Stephen H. Lekson, (2002) University of Arizona Press, Tucson. (paper)

Neanderthal Burials: Excavations of the Dederiyeh Cave Afrin, Syria. Takeru Akazawaw and Sultan Muhesen (eds) (2002) International Research Center of Japanese Studies, Kyoto, University of Tokyo Press Production Center, Tokyo, Japan. (hardcover)

Applied Geomorphology: Theory and Practice. R.J. Allison (ed.) (2002) John Wiley Publisher. (hardcover)

Mediterranean Desertification: A Mosaic of Processes and Responses. N.A. Geeson, C.J. Brandt, and J.B. Thornes (eds.) (2002) John Wiley Publisher. (hardcover)

Prehistory of the Rustler Hills: Granado Cave. Donny L. Hamilton, (2001) University of Texas Press, Austin, Texas. (hardcover)

Peatlands and Environmental Change. D. Charman (2002) John Wiley Publisher. (hardcover)

Islanders & Mainlanders: Prehistoric Context for the Southern California Bight. Jeffery H. Altschul and Donn R. Grenda (eds.) (2002) SRI Press, Tucson, Arizona. (paper)

Indian Archaeology in Retrospect: Archaeology and Interactive Disciplines (Volume III) S. Settar and Ravi Korisetar (eds.) (2002) Indian Council of Historical Research Manohar Publishers and Distributors, New Delhi. (hardcover)

This is part of a 4 volume set. Volume III is the most applicable to Geoarchaeology. The remaining volumes: Prehistory: Archaeology of South Asia (Vol. 1), Protohistory: Archaeology of the Harappan Civilization (vol. II) and Archaeology and Historiography: History, Theory and Method (Vol IV) - please focus on Vol III but comment briefly on all.

A GEOARCHAEOLOGY book review should be 1200-1500 words and include the following: a statement of the book's purpose, its scope, the intended audience, a description of the book's content by listing and summarizing each chapter, and finally your general impressions of the book: What is the book's contribution to geoarchaeology? Does the book serve its stated purpose? Are there problems of accuracy, lucidity, or prevalent editorial/technical errors? Reasonable and objective personal reactions to the book may be included here, although such comments may also be appropriate elsewhere in the review. The review must be returned to the book review editor within 8 weeks of receipt of the volume. Late reviews may delay the production of the journal. In addition, we have an obligation to the author, publisher, and reader to provide a timely review. Please consider this time line carefully before committing to write a review.

Potential reviewers should contact Sarah C. Sherwood, Book Review Editor, directly (please do not reply to this email).

Thank you,

Sarah C. Sherwood
Research Assistant Professor

Archaeological Research Laboratory
Department of Anthropology
University of Tennessee, Knoxville, TN 37996
phone: (865)974-9645 fax: (865)974-2686
Email: scs@utk.edu
URL: <http://arl.as.utk.edu>



PHD TOPICS 2003/04 – CENTRE FOR MARITIME ARCHAEOLOGY, UNIVERSITY OF ULSTER

Dear List Members,

The Centre for Maritime Archaeology, University of Ulster (Coleraine) currently have a number of PhD topics for consideration to begin in October 2003.

Topics for research projects include:

Modelling wreck-site formation processes on off-shore banks
Geophysical investigation of the evolution of Belfast Lough
The historical archaeology of the eastern seaboard of Down
The archaeology of whaling in Ireland
Integrated maritime archaeological investigations of the Swahili coast

For details on the PhD projects, the Centre and the relevant contacts, please visit:
<http://www.ulst.ac.uk/faculty/science/crg/cma.htm>

Alternatively, contact Colin Breen (CP.Breen@ulster.ac.uk) or Rory Quinn (RJ.Quinn@ulster.ac.uk).

Regards,
Rory

Rory Quinn
Centre for Maritime Archaeology
Coastal Research Group
School of Environmental Studies
University of Ulster, Coleraine
BT52 1SA, Co. Derry, Northern Ireland
Tel: (028)70-324884
Fax: (028)70-324030

Centre for Maritime Archaeology
<http://www.ulst.ac.uk/faculty/science/crg/cma.htm>
Marine Geophysics at UUC
<http://www.ulst.ac.uk/faculty/science/crg/marine.htm>
Lecture Material
<http://www.geocities.com/seafloormapping>
Network for Underwater Archaeology
<http://www.ulst.ac.uk/faculty/science/crg/nua/nua.htm>

ENVIRONMENTAL ARCHAEOLOGY

PH.D. STUDENTSHIP - UK

Characterising Waterlogged Burial Environments

Wetland Archaeology & Environments Research Centre

Applications are invited for a three-year, fully funded, PhD studentship at the University of Hull. The project is jointly funded by English Heritage, The Countryside Agency and the University of Hull, and the student will be located in the university's Wetland Archaeology & Environments Research Centre.

Supervisors: Dr M.C. Lillie (WAERC, University of Hull) and Dr S. Ellis (Department of Geography, University of Hull), with additional supervision provided by the Department of Biology, University of Hull.

Background: Recent research funded by English Heritage, The Countryside Agency and the University of Hull has sought to advance our understanding and characterisation of waterlogged burial environments with the aim of ensuring effective *in situ* preservation of the archaeological resource. Given the continued degradation of wetland areas, and the preservation *in situ* as the preferred approach to such burial environments, further research into the modelling and characterisation of these environments is an important research priority for many regional and national agencies. A selection of contrasting sites will form the basis of the current study, which will examine parameters such as watertable dynamics, soil components, microbiology and groundwater quality.

Objectives: Developing from two recent PhD projects on watertable dynamics and the preservation of oak wood in a variety of burial environments, this research will seek to define the key parameters that impact on the buried resource. From this platform, methods will be developed for the quantification and recording of the buried resource, and techniques for promoting *in situ* preservation will be assessed. The research will provide the student with expertise in field and laboratory analytical techniques involved in studying burial environments and watertable dynamics, and their integration with other datasets, and the skills obtained will be relevant to a range of careers in archaeological and environmental sciences.

Application information: The studentship will start before 28 July 2003. Applicants should have (or expect to gain) a good Upper Second or First Class Honours degree, or a Masters degree, in a relevant discipline (e.g. archaeological sciences, geohydrology, or related aspects of environmental science) and be normally resident in the UK.

The closing date for applications is 28 April 2003.

Application is by letter and a CV, giving the names and contact details of three academic referees, which should be submitted to **Dr. M.C.Lillie** by the above closing date. Further details are available at <http://www.hull.ac.uk/wetlands> or <http://www.hull.ac.uk/geog/> or by contacting Dr Malcolm Lillie, Wetland Archaeology & Environments Research Centre, University of Hull, Hull HU6 7RX (Tel: 01482 465325, Email:

m.c.lillie@hull.ac.uk.

Dr. Eleni Asouti
Research Fellow
Institute of Archaeology
University College London
31-34 Gordon Square
London WC1H 0PY
UK

Tel (direct line): 020 7679 4723
Overseas: 44 20 7679 4723
Institute of Archaeology Fax: 020 7383 2572
Email: e.asouti@ucl.ac.uk
<http://www.ucl.ac.uk/archaeology/staff/profiles/asouti.htm>

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CONSERVATION SCIENTIST JOB AT **BRITISH MUSEUM**

Subject: Position at British Museum
Conservation Scientist
The British Museum
Salary: UKP22,000-24,000

The British Museum is one of the four great museums of the world, and the premier museum in the UK. Its collection contains objects from the prehistoric period to the present day.

You will join the Department of Conservation, Documentation and Science, working in the long established Conservation Science team. Your primary role will be in preventive conservation, running environmental monitoring, pest control, materials testing and developing response and control strategies to facilitate collection care. You will also carryout investigations into the alteration of objects in the collection and undertake analysis to facilitate conservation.

In particular you will develop an expertise in the operation of the scanning electron microscope. You will be expected to share your work with the wider museum and conservation community through lecturing and publication.

For further information regarding this post and an application form please visit [URL:http://www.thebritishmuseum.ac.uk/jobs/index.html](http://www.thebritishmuseum.ac.uk/jobs/index.html) or contact:

The Department of Human Resources
The British Museum
Great Russell Street
London WC1B 3DG
Quoting (Ref 2002/64)

Closing Date for completed applications is March 20, 2003. We regret that we are not able to notify unsuccessful candidates. The British Museum is an Equal Opportunities Employer.

Susan Bradley
Head of Conservation Research Group
Department of Conservation
British Museum
London WC1B 3DG
Tel. +44 20 7323 8679
Fax: +44 20 7323 8636

ARCHAEOLOGICAL FIELDSCHOOL IN GREECE

Dear friends and colleagues,

we are seeking students and volunteers for a two-week archaeological fieldschool at Iklaina (near Pylos), Greece. The fieldschool is offered as a credit course (6 cr. h.) through the University of Missouri-St. Louis department of Anthropology and includes: a) training in archaeological and geophysical survey; b) evening lectures on Greek history, archaeology, literature, art, and philosophy; and c) travel and on-site lectures at Mycenae, Olympia, the 'Palace of Nestor', and visits to local museums. All the pertinent information can be found on our website, www.iklaina.org

If you happen to have students who might be interested or know of possible volunteers, I would be obliged if you passed the information on to them and asked them to contact me.

With many thanks and best wishes,

Michael Cosmopoulos

Michael B. Cosmopoulos, Ph.D.
Hellenic Government-Karakas Foundation Professor of Greek Studies and
Professor of Archaeology
Department of Anthropology
University of Missouri
St. Louis, MO. 63121, U.S.A.
Tel. (314) 516-6241
Fax (314) 516-7235
<http://www.umsl.edu/divisions/artscience/anthro/FacultyBiosCosmopoulos.htm>



INTERNET SITES

EUROPREART - PROJECT SECOND PHASE 2002/2003

"MEMORIES LOOKING INTO THE FUTURE. SIGNS AND SPACES"

Dear Colleagues

We are in the final part of the second phase of the EuroPreArt project. We invite you to visit our web page <http://www.euopreart.net>

We would be grateful if you send us your comments, criticisms and if possible what you would like to see added or changed.

If you agree, we will publish your review in the EuroPreArt site or Tracce, the online rock-art bulletin (see <http://www.rupestre.net/tracce>).

A CD-Rom with the same data was produce to be distributed among universities, research centers and other organization. If you would like to receive one, apply directly to us.

All the information should be post by e-mail directly to me or sent by post to my address below.

EuroPreArt is a project financed by the European Commission - Framework Programme "Culture 2000". We hope to establish a lasting database of European prehistoric art, launch the base of an European Institutional network devoted to this domain, contribute to the awareness of the diversity and richness of the European Prehistoric Art and mainly to promote the dialogue with a larger set of scientific colleagues and the general public.

Thank you for your attention

Best Regards
Mila Simoes de Abreu

The EurpPreArt Project coordinator is Prof. Dr. Luiz Oosterbeek (IPTomar). Its **team** is formed by Mila Simões de Abreu (UTAD - Vila Real, Portugal), Andrea Arcà (Orme dell'Uomo - Valcamonica, Italia), María Cruz Berrocal (CSIC - Madrid, España), Göran Burenhult (Gotland University - Visby, Sweden), Daniela Cardoso (IPT - Tomar, Portugal), Hipólito Collado Giraldo - Antonio Criado Vadillo (Asociación Cultural Colectivo Barbaón - Extremadura, España), Marica De Simone (CUEBC - Ravello, Italia), Alexandra Figueiredo (IPT - Tomar, Portugal), Angelo Fossati (Orme dell'Uomo -

Valcamonica, Italia), Artur Jaime Duarte - Ana Catarina Freire (IPT - Tomar, Portugal), Juan Vicent Garcia (CSIC - Madrid, España), Milagros Fernández Algaba - Fernando Fuentes - Montserrat Girón Abumalham - Fernando Grande Turégano (Asociación Cultural Colectivo Barbaón - Extremadura, España), Ludwig Jaffe (Is-It-Art - Vila Real , Portugal), Claude Livadie (CUEBC - Ravello, Italia), Elena Marchi (Orme dell'Uomo - Valcamonica, Italia), Blaze O'Connor (Dublin University, Ireland), Muiris O'Sullivan (Dublin University, Ireland), Joanjo Pulido Royo (Asociación Cultural Colectivo Barbaón - Extremadura, España), Laurence Remacle (Liège University, Belgium), Dario Seglie (CeSMAP - Pinerolo, Italia), Gonçalo Velho (IPT - Tomar, Portugal), Li Winter (Gotland University - Visby, Sweden).

Mila Simoes de Abreu
Departamento de Geologia - Unidade de Arqueologia
Universidade de Trás-os-Montes e Alto Douro
Apartado 1013
5000 Vila Real
Portugal

Ph: +351 259 350186
Fax: +351 259350480

e-mail: msabreu@utad.pt

URL: <http://www.utad.pt/actividades/IRAC>
<http://www.utad.pt/~origins>
<http://www.geira.pt>
(The last two www pages are mainly in Portuguese)

SAS BULLETIN AVAILABLE ON-LINE

The latest issue of the S.A.S. Bulletin Volume 25 #3/4 (Winter 2002) is now available on-line as a .pdf file: <http://www.socarchsci.org/sasb.htm>

SOFTWARE

CALPAL – UPDATE

Dear Colleagues,

A new edition of CalPal (Cologne Radiocarbon Calibration & Paleoclimate Research Package) can be downloaded from our website <http://www.calpal.de>. Along with a number of refinements in graphic output, there are two main new features in the new edition, both supporting archaeological and palaeoclimate research in the Holocene and Glacial periods.

First, the CalCurveComparer is completed. This is a twin-window dialog with easy-to-use functions (e.g. Add & Remove files) to study the properties of all ^{14}C data sets and climate proxies that may be of interest in refinement and Glacial extension of the ^{14}C -age calibration curve. A climate box supports the synchronisation and visual fine-tuning of climate proxy age models (e.g. ice-cores) and corresponding (e.g. marine, lacustrine) ^{14}C -data sets.

Second, beginning with this edition of CalPal, all calibration programs are equipped with a slider, by which we have fingertip control over the shape of the calibration spline. This feature will be useful when studying the influence of the calcurve shape on radiocarbon age models.

Additional details can be taken from the update-log:
<http://www.calpal.de/calpal/update.htm>

Best regards

Bernhard Weninger & Olaf Jöris & Uwe Danzeglocke

(b.weninger@uni-koeln.de & joeris.monrepos@rz-online.de & uwe@danzeglocke.de)

Universität zu Köln
Institut für Ur- und Frühgeschichte
Radiocarbon Laboratory
URL: <http://www.calpal.de>
E-mail: info@calpal.de
