

ΠΙΝΑΚΑΣ ΠΕΡΙΕΧΟΜΕΝΩΝ – TABLE OF CONTENTS

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WORKSHOP
“NEW TECHNOLOGIES FOR THE
PRESERVATION OF CULTURAL HERITAGE”

(16-19 December 2001,
Monastery “Kloster Bronnbach” near Wertheim, Germany)

Workshop organized within the framework of the bilateral Greek-German on Research and Technology.

PROGRAM

Sunday, 16. December 2001

Tauberhotel Kette, Lindenstraße 14, 97877 Wertheim

20:00 **Welcome dinner**

Monday, 17. December 2001

Monastery “Kloster Bronnbach, Bernhardsaal“, Bronnbach / Wertheim

09:00 – 09:15 **Opening – Introductory remarks**
Hannelore Römich

09:15 – 09:50 Laser technology for the preservation of cultural heritage: a critical overview
Costas Fotakis

09:50 – 10:10 Electronic Speckle Pattern Interferometry – a versatile tool in the preservation of cultural heritage
Klaus Hinsch

10:10 – 10:30 The application of science to modern conservation; specific examples from the conservation project of Aiani Museum
Marina Lykiardopoulou-Petrou

10:30 – 10:50 Physico-chemical principles of marble deterioration. Tools and methods to develop materials and processes for marble remediation
Petros C. Koutsoukos

10:50 – 11:10 Coffee Break

11:10 – 11:30 Aspects of marble conservation in Germany; the case study at Sanssouci, Potsdam
W. Jbach

11:30 – 11:50 Transfer of results from scientific investigations of marble into conservation practice
Robert Sobott

11:50 – 12:10 Innovative technologies for characterization and cleaning encrustation on marble
Pagona Maravelaki-Kalaitzaki

- 12:10 – 12:30 Glasses for people and gods in the Hellenistic world
George Kordas
- 12:30 – 12:50 Challenges for the characterisation and conservation of archaeological glasses
Hannelore Römich
- 12:50 – 14:00 Lunch
- 14:00 – 14:20 The potentials and possibilities of virtual and augmented reality technologies for cultural heritage
Christian Knoepfle
- 14:20 – 14:40 Fast and realistic 3D-reconstruction of buildings using Photogrammetry
Georgios Sakas
- 14:40 – 15:00 Archaeological science applications in the private sector
Eleni Aloupi
- 15:00 – 15:20 Poster presentation
- 15:20 – 16:00 Coffee Break
- 16:00 – 16:45 **Round table and discussion: common interests**
Chairmann: Georgios Sakas
- 16:45 – 17:30 **Guided tour to the laboratory of the Fraunhofer-Institut, Bronnbach Branch**
- 20:00 Gala-dinner in the Monastery “Kloster Bronnbach“

Tuesday, 18. December 2001

Monastery “Kloster Bronnbach, Bernhardsaal“, Bronnbach / Wertheim

- 09:00 – 9:20 Laser cleaning of artworks – examples of research and application
Günter Wiedemann
- 09:20 – 09:40 Laser divestment applications: Operative mechanisms and optimization of laser parameters
Vassilis Zafiropulos
- 09:40 – 10:00 Infrared spectroscopy in the study of wall paintings: the case of two Xth century churches
Konstadinos Paraskevopoulos
- 10:00 – 10:20 Raman spectroscopy: a novel tool for characterization and monitoring chemical changes on monuments
Christos Kontoyannis
- 10:20 – 10:40 Look into the past – computed tomography in the field of archaeology
Ingo Bauscher
- 10:40 – 11:00 Geophysical prospection in archaeology around the mediterranean
Cornelius Meyer
- 11:00 – 11:20 **Coffee Break**
- 11:20 – 11:40 Combined techniques for characterization and damage assessment of archaeological materials and works of art used at the laboratory of archaeometry, NSCR „Demokritos“

- Yannis Maniatis**
11:40 – 12:00 Investigation of damage of stones using ultrasonic techniques
- Basile Christaras**
12:00 – 12:20 Application of weathering simulation and non-destructive inspection methods on the preservation of monuments
- Johann W. Herlyn**
12:20 – 12:40 Repair mortars for the earthquake protection of Hagia Sophia
- Antonia Moropoulou**
12:40 – 13:00 Analysis of biological damage and biocide treatments of Acropolis Monuments, Athens, Greece
- Wolfgang Elisabeth Krumbein**
13:00 – 14:00 Lunch
- 14:00 – 14:20* A holistic method of designing and applying repair mortars for consolidation and restoration of monuments and historic buildings
- Ioanna Papayianni**
14:20 – 14:40 New technologies for the preservation of painted artworks
- Yannis Chryssoulakis**
14:40 – 15:00 Outdoor weathered glazed ceramics: degradation and conservation
- Peter Mottner**
15:00 – 15:20 The hellenic society of archaeometry since 1982: profile, members and activities
- Yorgos Facorellis**
15:00 – 15:20 Activities of the directorate of antiquities in Greece
- Bethleem Heliadou**
15:20 – 15:40 **Poster presentation**
- 15:40 – 16:00* Coffee break
- 16:00 – 16:50* **Round table and discussion: future activities**
Chairmann: Hannelore Römich
- 19:00* Wine-tasting
Grafschaftsmuseum, Wertheim

Wednesday, 19. December 2001

- 09:00 – 10:00* **Visit of the „Glasmuseum Wertheim“**
Meeting point: Tauberhotel Kette
- 10:00 – 11:00* **Departure by bus to Würzburg**
Meeting point: Tauberhotel Kette
- 11:00 – 12:00* **Visit of the „Residence“ in Würzburg**
- 12:00 – 16:00* **Visit of Würzburg and the Christmas Market**
- 16:00* **Departure by bus to Wertheim**
- 19:00* **Farewell dinner**

PAST SOCIETIES AND MATERIALS: ARCHAEOLOGICAL INFORMATION AND WRITTEN SOURCES

Institute of Archaeology (University College London) CALL FOR PAPERS

The Research Group on Complex Societies and the Research Group on Material Culture and Technology are organizing a joint One-Day Conference under the topic:

PAST SOCIETIES AND MATERIALS: ARCHAEOLOGICAL INFORMATION AND WRITTEN SOURCES

There are several studies on the correspondence and non-correspondence between historical and material sources in literate societies. However, few have explicitly addressed issues such as the perception of materials and technological developments. For this conference we are soliciting papers on the combination/confrontation between archaeology and literary sources with regards to the study of ancient materials. Questions we would like to ask include: To what extent are archaeology and archaeometry necessary in the study of aspects historic periods where written sources are available? Can one source of knowledge be assumed to be more accurate than others? How do written descriptions of techniques or recipes compare with modern experimental data? How might we combine archaeological and literary evidence to study past categorization and perception of different materials?

We welcome contributions on any area and from any source (i.e. archaeology, archaeometry and, of course, history), although we would like to focus on case studies where conflicting or complementary pieces of evidence have been identified.

The One-Day Conference will be held at the Institute of Archaeology (University College London) during the second half of May, on a date still to be confirmed. For further queries or suggestions, or if you have a contribution that you consider that could fit into this framework, please address your emails and/or abstracts to Marcos Martín-Torres <m.martinon-torres@ucl.ac.uk>, preferably before the end of the current term.

Marcos Martín-Torres
Institute of Archaeology
University College London
31-34 Gordon Square
London WC1H 0PY
United Kingdom

INTERNATIONAL CONFERENCE ON THE PARTHENON AND ITS SCULPTURES

UNIVERSITY OF MISSOURI-ST. LOUIS, APRIL 2002

CALL FOR PAPERS

The University of Missouri-St. Louis is organizing an international conference on the Parthenon and its sculptures in April 2002. Deadline for submission of papers is February 15, 2002. More information can be found on the conference website at www.parthenonconference.org

With best wishes,
MBC

Michael B. Cosmopoulos, Ph.D.
Hellenic Government-Karakas Foundation Professor of Greek Archaeology
Department of Anthropology
University of Missouri
St. Louis, MO. 63121, U.S.A.
Tel. (314) 516-6241
Fax (314) 516-6757

**7TH INTERNATIONAL CONFERENCE ON NON-
DESTRUCTIVE TESTING
AND MICROANALYSIS FOR THE DIAGNOSTICS AND
CONSERVATION OF THE CULTURAL
AND ENVIRONMENTAL HERITAGE (ART 2002)**

Details of the 7th International Conference on Non-destructive Testing and Microanalysis for the Diagnostics and Conservation of the Cultural and Environmental Heritage (ART 2002) are now available at <http://chem-www.uia.ac.be/art2002/>

Chris Salter

JXA-8800 Superprobe, Electron Microscopy Facility
Department of Materials,
Begbroke Business and Science Park,
Sandy Lane,
Yarnton,
Oxford OX5 1PF,
Tel. Office 01865 283722
 Probe 01865 283741
Fax. 01865 848790
Mobile. 0777 6031608
E-mail chris.salter@materials.ox.ac.uk

POSITION AT THE ASSISTANT PROFESSOR
LEVEL AT THE DEPARTMENT OF
GEOGRAPHY - UNIVERSITY OF
LETHBRIDGE - GEOARCHAEOLOGY

The Department of Geography at the University of Lethbridge invites applications for a probationary (tenure track) position at the Assistant Professor level beginning 1 July 2002, subject to budgetary approval. A Ph.D. at or near completion is required with specialization in Geoarchaeology or related field. The successful applicant will teach Introductory Archaeology, and advanced courses in Geoarchaeology, New World Archaeology, Prehistoric Archaeology, Archaeological Techniques, and Archaeological Theory. The ability to teach other courses in the Department of Geography will be an asset.

The successful applicant will be expected to pursue an active research program, and to seek external research funding; opportunities exist for supervision of graduate students. New faculty are eligible for funding in support of research and scholarly activities. The University aspires to hire individuals who have demonstrated considerable potential for excellence in teaching, research and scholarship, and especially those who have well-established research programs.

The University is an equal opportunity employer and offers a non-smoking environment. Located in southern Alberta, within sight of the Rocky Mountains, Lethbridge offers a sunny, dry climate that is surprisingly mild for the prairies, excellent cultural and recreational amenities and attractive economic conditions. Founded in 1967, the University has an enrolment of approximately 7,000 students. Our focus on the liberal arts, selected professional programs, smaller classes, coop placements and involvement of students in faculty research provides the very best education available. The University has recently formed the School of Graduate Studies, building on our very successful Master's degree program, and adding a special-case Ph.D. program. For more information about the University, please visit our web site at <http://www.uleth.ca> or the Department's web site at <http://home.uleth.ca/geo>

In accordance with Canadian Immigration Regulations, this advertisement is directed to Canadian citizens and permanent residents of Canada. Applications should include a curriculum vitae, transcripts, teaching evaluations, publication offprints, a statement of teaching philosophy and research interests, and names and contact information of at least three referees who are scholars in the field. Send this material and arrange for the letters of reference to be mailed directly to:

Dr. Ian MacLachlan, Chair
Department of Geography
The University of Lethbridge
4401 University Drive
Lethbridge, Alberta, T1K 3M4
Canada

Telephone: (403) 329-2076
Fax: (403) 329-2016
E-mail: geography.chair@uleth.ca.

The closing date for applications is January 31, 2002.

NEW POSITION AT THE NATIONAL MUSEUM OF COPENHAGEN

The National Museum seeks candidates for the post of head of its Environmental Archaeology unit (NNU) which is part of the National Museum's Research Department. Closing date 8th January 2002. The post is available from 2nd March 2001 or as soon as possible after this date. The post is permanent.

Further details can be found on the Association for Environmental Archaeology website <http://www.envarch.net/> under "job vacancies"

Best wishes

David Robinson

David Earle Robinson, Senior researcher
Environmental Archaeology Unit
Research Department
The National Museum
Ny Vestergade 11
DK-1471 Copenhagen K
DENMARK

SOCIETY FOR AMERICAN ARCHAEOLOGY STUDENT AWARD

The year 2000 marked the first time that the Society for American Archaeology honoured an excellent student conference paper with an award. This newly established award recognizes original student research as a growing component of the annual meeting, and is a way to highlight outstanding contributions. All student members of SAA are eligible to participate. The papers will be evaluated anonymously by committee members on both the quality of the arguments and data presented, and the paper's contribution to our understanding of a particular area or topic in archaeology.

Special requirements:

A student must be the primary author of the paper and be the presenter at the Annual Meeting.

Six copies of the conference paper and relevant figures and tables must be submitted (please submit these copies without a name so that they may be reviewed anonymously).

The paper should be double-spaced, with standard margins, and 12-pt font. The submitted paper should include any relevant figures, tables, and references cited. An average 15-minute paper is approximately 10-12 pages in length (double-spaced, not including references cited, figures, and tables).

The award winner will receive a citation from the SAA president, a piece of official SAA merchandise, a \$250 cash prize, as well as over \$700 worth of books/journals from the following sponsors:

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Mayfield Publishing Company
The University of New Mexico Press
University of Nebraska Press
Thames and Hudson
Prentice Hall
University of Utah Press
Westview Press/Perseus Books

Deadline for submission: January 5, 2002

Please pass along this great opportunity to your students!

Thanks,

Christian Wells

SAA Student Affairs Committee

Contact: Caryn M. Berg, Chair
SAA Student Paper Award Committee
Department of Anthropology
University of Denver
Denver, Colorado 80208
Email: bergcm@ucsub.colorado.edu



EULIMENE, THE NEW JOURNAL ON THE ANCIENT GREEK WORLD

EULIMENE

Studies in Classical Archaeology, Numismatics, Epigraphy and Papyrology

Publisher:

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ANNOUNCEMENT

EULIMENE is an academic periodical, which contains Studies in Classical Archaeology, Epigraphy, Numismatics, and Papyrology, with particular interest in the Greek and Roman Mediterranean world. The time span covered by EULIMENE runs from the Late Minoan/Sub Minoan/ Mycenaean period (12th/11th cent. BC) through to the late Antiquity (5th/6th cent. AD.). EULIMENE also welcomes studies on anthropology, maritime and underwater archaeology, palaiodemography, palaioenvironmental, botanical and faunal archaeology, the ancient economy and the history of science, so long as they conform to the geographical and chronological boundaries noted. Broader studies on Classics or Ancient History will be welcome, though they should be strictly linked with one or more of the areas mentioned above.

EULIMENE volume 2/2001 is now available. For details please visit:

EULIMENE web site at www.phl.uoc.gr/eulimene

CALL FOR PAPERS

EULIMENE is seeking contributions for its future annual issues. Deadline for the third volume (EULIMENE 3/2002), due in summer 2002, is January 15, 2002.

It will be very much appreciated if contributors consider the following guidelines:

1. Contributions should be in either of the following languages: Greek, English, German, French or Italian. Each paper should be accompanied by a summary of about 250 words in one of the above languages, other than that of the paper.
2. Footnotes (not endnotes) should be typed in numbered sequence at the bottom of the text in each page.
3. Accepted abbreviations are those of American Journal of Archaeology, Numismatic Literature, J.F. Oates et al., Checklist of Editions of Greek and Latin Papyri, Ostraca and Tablets, ASP.
4. Illustrations should be kept to the absolutely necessary minimum. Line drawings should be in black ink on good quality paper with clear lettering, suitable for reduction. Photographs should be glossy black-and-white prints. All Illustrations should be numbered in a single sequence.
5. Please send two hard copies of your text and one version on computer disc.

Ten offprints of each paper and a volume of the journal will be provided to the contributors free of charge. Additional offprints may be purchased. It is the author's responsibility to obtain written permission to quote or reproduce material, which has appeared in another publication or is still unpublished.

Subscriptions-Contributions-Information:

Mediterranean Archaeological Society, P. Manousaki 5 -V. Chali 8, 741 00 Rethymno, tel./fax 0831 51680 (MedArchSoc@mail.com).

Dr. Manolis I. Stefanakis, Kalives -Apokoronou, Chania, GR-730 03 (kydon@mail.com).

Dr. Nikos Litinas, University of Crete, Dep. of Philology, Rethymno, GR-741 00 (litinas@phl.uoc.gr).

On behalf of the editors,

Dr. Manolis I. Stefanakis,
University of Thessaly

**TRAINING ANNOUNCEMENT FOR THE
NATIONAL PARK SERVICE'S RECENT
ARCHAEOLOGICAL PROSPECTION
ADVANCES FOR NON-DESTRUCTIVE
INVESTIGATIONS IN THE 21ST CENTURY**

Colleagues

I would like to inform you of the next archaeological prospection workshop to be offered by the National Park Service. The workshop is designed to provide a practical application of geophysical equipment and aerial photographic techniques available for the identification, evaluation, and ultimately, the conservation and protection of cultural resources. Field exercises associated with the course will concentrate on the application of these techniques to archaeological investigations. The enrolment is open to all professional archaeologists, university graduate and undergraduate students, cultural resource managers, and others interested in the application of non-destructive techniques to archaeological investigations. For more information and the announcement, please contact me at [steve de vore@nps.gov](mailto:steve_de_vore@nps.gov).

TITLE: Recent Archaeological Prospection Advances for Non-destructive Investigations in the 21st Century

LOCATION: Fort Vancouver National Historic Site, Vancouver, Washington.

DATES: May 13-17, 2002

TUITION: \$475.00 (U.S. dollars)

CONTACT: Steven DeVore

National Park Service
100 Centennial Mall North, Room 474
Lincoln, Nebraska, 68508-3873
Phone: (402) 437-5392, ext. 141
Fax: (402) 437-5098
Email: [steve de vore@nps.gov](mailto:steve_de_vore@nps.gov)

Thank you.

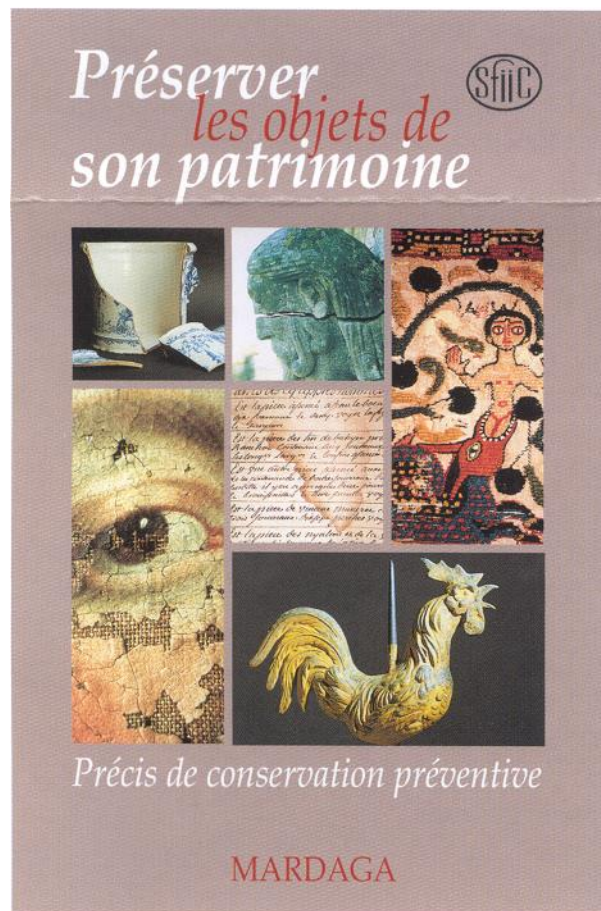
Steven DeVore, Archaeologist
Midwest Archaeological Center

PRÉSERVER LES OBJETS DE SON PATRIMOINE

Collectif -SFIIC (Section Française de l'Institut International de Conservation)

Pierre Mardaga éditeur

Hayen, 11 -B-4140 Sprimont (Belgique)
Tel. : +32 (0)4 368 42 42 -Fax : +32 (0)4 368 42 40



Précis de conservation préventive

Le patrimoine, ce n'est pas seulement ce qu'on va admirer dans les musées et les monuments historiques; la conservation, ce n'est pas seulement l'affaire des conservateurs. Le patrimoine est fait de tous ~ objets auxquels on tient, que l'on voudrait voir se détériorer le moins possible et que l'on pense devoir transmettre à ses héritiers tels qu'on les a reçus de ses aïeux.

L'objet de ce livre est de communiquer à ceux qui possèdent des objets d'un certain prix, ou qui en ont l'usage et la garde, les notions élémentaires qui permettent, comme on dit, d'avoir l'oeil sur leurs trésors. Ecrit par une équipe de restaurateurs, de scientifiques et de conservateurs qui tous sont des spécialistes éprouvés du patrimoine, il explique les

déliçats problèmes de la conservation préventive dans un langage simple et clair, avec d'abondantes illustrations.

Un volume broche 264 pages

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Pierre Mardaga éditeur sa
Hayen, 11
B-4140 Sprimont (Belgique)
