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# Πληροφοριακό Δελτίο της Ελληνικής Αρχαιομετρικής Εταιρείας

**- Νοέμβριος 2002 -**

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**- November 2002 -**

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## ΣΥΝΕΔΡΙΑ - CONFERENCES

# 6<sup>th</sup> INQUA CONGRESS RENO, Nevada, USA, 23-31 July, 2003

## *CALL FOR PAPERS*

**Symposium on : "New Developments in Quaternary Numeric Dating Methods"**

**Conveners:**

Glenn W. Berger (Desert Research Institute, USA, [gwberger@dri.edu](mailto:gwberger@dri.edu)); Rainer Grun (Australian National University, Australia, [rainer.grun@anu.edu.au](mailto:rainer.grun@anu.edu.au)); Marek Zreda (University of Arizona, USA, [marek@hwr.arizona@dri.edu](mailto:marek@hwr.arizona@dri.edu)).

**Invitation:**

We invite active researchers to submit pre-abstracts of proposed presentations directly related to the Symposium on New Developments in Quaternary Numeric Dating Methods. In addition to invited oral keynote presentations, there will be a limited number of volunteered oral slots (15+5 minutes duration each). The remainder of presentations will be included in the poster component of this Symposium. Interested colleagues should send the following information directly to Glenn Berger ([gwberger@dri.edu](mailto:gwberger@dri.edu)):

- 1)--Presentation Title;
- 2)--Author(s) names and affiliations;
- 3)--Preference for Oral, Poster or No-preference presentation;
- 4)--Brief (one paragraph) summary of the main points that will be covered.

Deadline for this "pre-abstract" is 1st January 2003.

Authors of accepted poster/oral presentations will be asked to submit full abstracts via the INQUA website (<http://inqua2003.dri.edu>).

On-line, full-abstract deadline is 31st March.2003.

**Topic:**

Chronometric dating of Quaternary terrestrial deposits is essential for validation of indirectly determined, relative chronologies. Dating of Quaternary deposits requires chronometers with unique capabilities, not only because of the "short" (geologically) time scale, also because most of the archival records of the Quaternary occur in unheated, soft sediments, often containing large quantities of reworked material. The demands of varied time scales and deposits confound any single Quaternary geochronometer for all useful deposits.

Quaternary scientists now have access to a larger variety of geochronometers than ever before. What are the newest dating techniques, approaches, calibrations, applications, and understandings thereof?

We invite abstracts across the spectrum of earth science applications that use, integrate or establish the potential for accurate dating, of any of the following techniques: U-series,  $^{40}\text{Ar}/^{39}\text{Ar}$ ,  $^{14}\text{C}$ , in-situ cosmogenic radionuclides ( $^{14}\text{C}$ ,  $^{10}\text{Be}$ ,  $^{26}\text{Al}$ ,  $^{36}\text{Cl}$ ,  $^3\text{He}$ ,  $^{21}\text{Ne}$ ), fission-track, luminescence, electron-spin-resonance, and (U-Th)/He thermochronology.

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## **NATIONAL PARK SERVICES WORKSHOP** **ON ARCHAEOLOGICAL PROSPECTION**

**May 19-23, 2003, Cahokia Mounds State Historic Site in  
Collinsville, Illinois**

The National Park Services 2003 workshop on archaeological prospection techniques entitled Current Archeological Prospection Advances for Non-Destructive Investigations in the 21st Century will be held at the Cahokia Mounds State Historic Site in Collinsville, Illinois. This will be the thirteenth year of the workshop dedicated to the use of geophysical, aerial photography, and other remote sensing methods as they apply to the identification, evaluation, conservation, and protection of archaeological resources across this Nation. The workshop this year will focus on data processing and interpretation in addition to the more basic topics involving the theory of operation, methodology, and on-hands use of the equipment in the field. There is a tuition charge of \$475.00.

For further information and registration forms, contact:

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# **HEALTH AND ENVIRONMENTAL IMPACTS** **OF ANCIENT INDUSTRY: A THEME** **PROPOSED FOR THE 5<sup>TH</sup> WORLD** **ARCHAEOLOGICAL CONGRESS**

## **Imperial Legacies:**

The health and environmental impacts of ancient industrial activities, from ancient times to the present day.

A theme proposed for WAC5 June 21-26, 2003

<http://www.ehl.flinders.edu.au/wac5/indexhomepage.html>

## **Convenors:**

1. Dr. John Grattan, The Institute of Geography and Earth Sciences, The University of Wales, Aberystwyth, UK. [jpg@aber.ac.uk](mailto:jpg@aber.ac.uk)
2. Dr. Brian Pyatt, The Dept. of Life Sciences, The Nottingham Trent University, Nottingham, UK. [Brian.Pyatt@ntu.ac.uk](mailto:Brian.Pyatt@ntu.ac.uk).
3. Mr. Robert G. Schmidt, Scientist Emeritus, U.S. Geological Survey, [rgschmidt@erols.com](mailto:rgschmidt@erols.com)
4. Dr. Ziad al Saad, The Institute of Archaeology and anthropology, The University of Yarmouk, Irbid, Jordan. [zalsaad@yu.edu.jo](mailto:zalsaad@yu.edu.jo)

## **Session rationale.**

The exploitation of mineral resources and the conversion of ores into metals and finished goods in ancient times was on a sufficient scale that the Greenland ice cores recorded the pollution emitted by ancient industrial activity. This session aims to bring together researchers engaged in the study of ancient industrial activity worldwide. The scope of the session will encompass African, South American, and Near Eastern, Asian and European activities and will range from ancient times to the present day.

This topic is important, as it is increasingly apparent that the legacy of ancient industrial activity remains in many parts of the world in the form of seriously polluted landscapes. These are not always apparent, as local plants and animals may have adapted to the associated environmental stress, but the health impact on the modern world may nonetheless be profound and no less severe than modern industrial processes. Ancient industrial activity may continue to have a severe impact upon the modern environment especially to the people who live on or near these sites and who may utilize the sediments and plants for agricultural purposes.

**Specific themes to be addressed are:**

**ANCIENT WORLD**

- \* Identified industrial processes and pollutant emission: Ore processing, smelting efficiency, flue gas release, water courses and effluents.
- \* Management and awareness of pollution issues in the ancient world: archaeology and architecture, site construction and awareness of pollution issues in waste management.
- \* Health impacts of industrial activity in the ancient world: skeletal chemistry, skeletal pathology, pollution burdens and physiological responses.
- \* Remote records of industrial activity: peatbogs, lake sediments etc.
- \* Environmental impacts of ancient industrial activities: pollen, plant macro fossil, sediment chemistry, bone chemistry.

**MODERN WORLD LEGACIES**

- \* Remnant pollution burden in modern topsoil: Geochemistry, mapping etc.
- \* Bioavailability of ancient pollution: conversion of cations from unavailable to available forms.
- \* Adaptation of plants and animals to heavily polluted environments: partitioning, excretion, tolerance etc.
- \* Contemporary agricultural impacts and management responses: Productivity, yield crop/livestock size.
- \* Pollution burden in the biosphere: plant, animals and their response, what thrives, what does not.
- \* Human and animal health risks: Exposure of modern populations to toxic cations, how great is the burden, how to assess the risk, how to conduct research in a sensitive manner.
- \* Managing and assessing ancient pollution: Once you have found it, what to do about it; effective management, successes and failures.

**RANGE OF PARTICIPANT AND PERSPECTIVES.**

We expect a range of participants from all areas of the world where ancient cultures engaged in industrial activity. Perspectives will range from those of archaeologists, through geographers, geochemists, palynologists, medical practitioners, archaeobotanists, palaeopathologists botanists.

**FORMAT.**

A 3 hour session. Participants will read a short paper to those attending the session. Our aim is to bring together a wide range of experts, stimulate discussion and the exchange of ideas and methods.

Please Send Abstracts to Dr. John Grattan ([jpg@aber.ac.uk](mailto:jpg@aber.ac.uk)).



# **CONFERENCE - EXPLORING MALTA'S PREHISTORIC TEMPLE CULTURE**

**25-27, September 2003, Sliema, Malta**

Conference - Exploring Malta's Prehistoric Temple Culture, 25, 26, 27, September 2003  
at the DePorres Cultural Center in Sliema, Malta

**Website:** <http://www.otsf.org/EMPTC-conference.html>

The organizers are seeking presenters from many fields.

The purpose of the conference is to encourage a broad examination of the megalithic monuments and related artifacts of Malta and Gozo from a variety of fields of research. The goal is to fill some of the gaps in understanding who these amazing prehistoric people were and what happened to them. It is further suggested that relationships between various aspects of the Maltese material and the antiquity of other regions may reveal pattern and association.

The EMPTC conference will provide a meeting place for professionals and scholars from a variety of disciplines including Archaeology and Anthropology, History and Prehistory, the Physical and Social Sciences, Mythology and Folklore, Philosophy and Religion. The intent is to facilitate multi-disciplinary exchange of studies as focused on a common interest: identifying and understanding the Neolithic "Temple Culture" of the Maltese Islands.

"There has been a tendency to assume that the (Neolithic Maltese) islands were completely isolated, apart from the import of a few raw materials. It is high time that a more balanced assessment, under the headings architectural, religious and commercial, should be attempted. " – David Trump

Scheduled EMPTC Speakers Include: Anthony Bonanno, Richard England, Caroline Malone, John Robb, Richard Rudgley, Simon Stoddart, David Trump, Robert H. Tykot.

Sample topics so far proposed:

- Human-induced change in the environment and landscape of Malta in the Neolithic
- Alignments along the main axes at Mnajdra temples: astronomical observatory
- Application of scientific techniques to determine trade connections, chronology, diet and subsistence adaptations
- Prehistoric Maltese Death ritual: lessons from the Brochtorff Circle at Xaghra
- Malta, the Mediterranean and the role of prehistoric art
- Maltese oversea contacts in the Temple Period
- The creative process of involvement of modern man with an ancestral past: Carnac, Stonehenge, Malta

All sessions will be conducted in English. Some sessions will be open for non-participating observers or spectators.

For more information contact the conference organizers at:

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[EMPTC@aol.com](mailto:EMPTC@aol.com)

or The OTS Foundation,  
P.O. Box 17166,  
Sarasota, FL 34276 USA  
PH: 941 918-9215  
FAX: 941 918-0265

In Europe, contact Malta OTSF office: (+356) 21 22 29 10, fax: (+356) 21 23 05 61

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# 1<sup>ο</sup> ΑΡΧΑΙΟΛΟΓΙΚΟ ΕΡΓΟ ΘΕΣΣΑΛΙΑΣ ΚΑΙ ΣΤΕΡΕΑΣ ΕΛΛΑΔΑΣ

Πανεπιστήμιο Θεσσαλίας, Τμήμα ΙΑΚΑ  
ΒΟΛΟΣ 28/2 – 2/3/2003

## 2<sup>η</sup> Εγκύκλιος

Σε συνέχεια της 1<sup>ης</sup> Εγκυκλίου του ΑΕΘΣΕ [ΑΡΧΑΙΟΛΟΓΙΚΟ ΕΡΓΟ ΘΕΣΣΑΛΙΑΣ ΚΑΙ ΣΤΕΡΕΑΣ ΕΛΛΑΔΑΣ] σας αποστέλλουμε τη 2η Εγκύκλιο, που καθορίζει τις τελικές λεπτομέρειες συμμετοχής των ενδιαφερομένων.

Το ΑΕΘΣΕ διοργανώνεται από κοινού από το Τμήμα Ιστορίας, Αρχαιολογίας και Κοινωνικής Ανθρωπολογίας του Πανεπιστημίου Θεσσαλίας και τις Εφορείες Προϊστορικών και Κλασικών Αρχαιοτήτων, Βυζαντινών Αρχαιοτήτων και Νεότερων Μνημείων της Περιφέρειας Θεσσαλίας.

Υπενθυμίζουμε ότι ο χώρος επιστημονικών ενδιαφερόντων και αναφοράς του ΑΕΘΣΕ ορίζεται με βάση τη σημερινή διοικητική διαίρεση της Ελλάδας [βλ. ΔΔΕ 1998, Υπουργείο Εσωτερικών] και περιλαμβάνει τις Περιφέρειες Θεσσαλίας [Νομοί Καρδίτσας, Λάρισας, Μαγνησίας και Τρικάλων] και Στερεάς Ελλάδας [Νομοί Βοιωτίας, Εύβοιας, Ευρυτανίας, Φθιώτιδας και Φωκίδας].

Έχουν κληθεί να συμμετάσχουν οι οικείες Εφορείες, τα Πανεπιστήμια, τα Ερευνητικά Κέντρα, οι Ξένες Αρχαιολογικές Σχολές και οι ερευνητές που δραστηριοποιούνται στις Περιφέρειες Θεσσαλίας και Στερεάς Ελλάδας.

**Οι συνάδελφοι των κατά τόπους Εφορειών, Πανεπιστημίων, Ερευνητικών Κέντρων και Ξένων Αρχαιολογικών Σχολών θα παρουσιάσουν το έργο τους σε ανακοινώσεις των 20 λεπτών. Ειδικότερα για το 1ο ΑΕΘΣΕ θα μπορούσαν να αναφερθούν και στα πεπραγμένα των παρελθόντων ετών. Διευκρινίζεται ότι από τους συμμετέχοντες δεν ζητούμε μόνον ανασκαφικές εκθέσεις και παρουσίαση νέων ευρημάτων, αλλά και εισηγήσεις με θεωρητικό περιεχόμενο και ερμηνευτικές και συνθετικές παρουσιάσεις.**

Το τριήμερο 28.2–2.3.2003 [Παρασκευή–Κυριακή] προβλέπονται έξι συνεδριάσεις, ανά δύο ημερησίως και με ωράριο 9πμ.–2μμ., 5–9μμ., με εμβόλιμα δύο διαλείμματα [11–11.30πμ. και 6.30–7μμ.].

Με τη δεύτερη εγκύκλιο καλείσθε λοιπόν να αποστείλετε τον τίτλο και σύντομη περίληψη της ανακοινώσεώς σας, έως και τις 15.12.02. Παράκληση να χρησιμοποιήσετε το συνημμένο δελτίο συμμετοχής.

Μπορείτε να δηλώσετε τη συμμετοχή σας ηλεκτρονικώς στην κυρία Πόπη Χατζηλαζαρίδου [hatzilaz@uth.gr] ή να την ταχυδρομήσετε στο ΙΑΚΑ [αναγράφοντας στον φάκελο: για το ΑΕΘΣΕ].

Εκ μέρους της Οργανωτικής Επιτροπής

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Αν. Καθηγητής Αλ. Μαζαράκης Αινιάν

Πρόεδρος της Οργανωτικής Επιτροπής

ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ  
ΣΧΟΛΗ ΕΠΙΣΤΗΜΩΝ ΤΟΥ ΑΝΘΡΩΠΟΥ  
ΤΜΗΜΑ ΙΣΤΟΡΙΑΣ, ΑΡΧΑΙΟΛΟΓΙΑΣ ΚΑΙ ΚΟΙΝΩΝΙΚΗΣ ΑΝΘΡΩΠΟΛΟΓΙΑΣ  
Αργοναυτών και Φιλελλήνων  
382 21 ΒΟΛΟΣ  
τηλ. 24210-74795  
Fax. 24210-74781

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**ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ**  
**ΤΜΗΜΑ ΙΣΤΟΡΙΑΣ, ΑΡΧΑΙΟΛΟΓΙΑΣ ΚΑΙ ΚΟΙΝΩΝΙΚΗΣ**  
**ΑΝΘΡΩΠΟΛΟΓΙΑΣ**

**1ο ΑΡΧΑΙΟΛΟΓΙΚΟ ΕΡΓΟ ΘΕΣΣΑΛΙΑΣ ΚΑΙ ΣΤΕΡΕΑΣ ΕΛΛΑΔΑΣ**  
**Πανεπιστήμιο Θεσσαλίας, Τμήμα ΙΑΚΑ** **ΒΟΛΟΣ 28.2 – 2.3.2003**

**ΔΕΛΤΙΟ ΣΥΜΜΕΤΟΧΗΣ**

ΟΝΟΜΑΤΕΠΩΝΥΜΟ [όπως θέλετε να τυπωθεί στο Πρόγραμμα και τα Πρακτικά]

ΙΔΙΟΤΗΤΑ

ΔΙΕΥΘΥΝΣΗ

ΤΗΛΕΦΩΝΟ

ΤΗΛΕΟΜΟΙΟΤΥΠΙΑ

ΗΛΕΚΤΡΟΝΙΚΗ ΔΙΕΥΘΥΝΣΗ

ΤΙΤΛΟΣ ΑΝΑΚΟΙΝΩΣΕΩΣ

ΠΕΡΙΛΗΨΗ [έως μισή σελίδα]

Please visit the site: <http://www.ha.uth.gr/>

## 2<sup>a</sup> SETTIMANA DELL'ARCHEOMETRIA

**Pavia, 12 – 17 Maggio 2003**

Dopo 4 anni, proponiamo ancora Pavia come la sede della seconda Settimana dell'Archeometria: articolata in un Corso (4 giorni), una Giornata di Studi ed un Convegno.

### Articolazione della Settimana dell' Archeometria:

- Il **CORSO** (dal 12 al 15 maggio) è basato sulla partecipazione del Prof. Tiziano Mannoni oltre a quella di altri Docenti. Il corso prevede una sessione poster, nella quale gli studenti possano presentare i risultati delle loro ricerche per interagire attivamente con i docenti. Le tematiche trattate dal Corso saranno le rocce, i geomateriali ed in particolare i prodotti della loro trasformazione (Laterizi, Ceramiche, Vetri, Leganti) utilizzati nell'ambito dei Beni Culturali ed interpretati attraverso le regole della Cultura Materiale, considerando pure gli aspetti relativi al degrado e alla conservazione.

- **“LA CERAMICA TRA TARDO MEDIOEVO E RINASCIMENTO: ASPETTI PRODUTTIVI, STORICI ED ARCHEOMETRICI”**

Giornata di Studi (16 maggio) - Relazioni a invito e poster dei partecipanti

- **“LATERIZI STORICI ED ATTUALI: ASPETTI PRODUTTIVI E DI CONSERVAZIONE”**

Convegno (17 maggio) - Relazioni orali e poster + tavola rotonda

### Iscrizione

Pre-iscrizione entro il 20 dicembre 2002. Iscrizione con la seconda circolare, febbraio 2003

Il Corso è gratis, ma limitato a 80 partecipanti.

-- La Giornata di Studi (16 maggio) ha una quota iscrizione di 30 €

-- Convegno sul laterizio (17 maggio) ha una quota iscrizione 30 €

-- Iscrizione a Giornata di Studi + Convegno 50 €

### Logistica

-- **Il Corso, il Convegno e la Giornata di Studio si svolgeranno presso Aula/ dell' Università di Pavia.**

-- Esiste la possibilità di poter alloggiare in alcuni dei collegi universitari di Pavia. Prima di contattare i collegi, per avere la disponibilità di posti, è necessario conoscere il numero di persone interessate a questa soluzione. Chi è interessato è pregato quindi di rispondere il prima possibile a questa prima circolare. I posti messi a disposizione dai collegi saranno assegnati in base alla data di arrivo della richiesta. Con la seconda circolare sarà inviato un elenco degli hotel di Pavia, in modo che i partecipanti possano provvedere direttamente alla sistemazione in albergo.

### Contatti

-- Bruno Messiga – [messiga@crystal.unipv.it](mailto:messiga@crystal.unipv.it) - tel. 0382 505892 – fax 0382 505890

-- Maria Pia Riccardi – [riccardi@crystal.unipv.it](mailto:riccardi@crystal.unipv.it) - tel. 0382 505719 – fax 0382 505890  
Dipartimento di Scienze della Terra - via Ferrata, 1 – 27100 PAVIA

**Il programma definitivo sarà disponibile entro il 1<sup>a</sup> dicembre 2002, sul sito:**  
<http://manhattan.unipv.it/archeometria.htm>

**PRE-ISCRIZIONE: entro il 20 dicembre 2002**

**2<sup>^</sup> SETTIMANA DELL' ARCHEOMETRIA**  
**Pavia, 12 – 17 Maggio 2003**

SCHEDA DI PRE-ISCRIZIONE (da spedire in posta elettronica o via fax)

**Entro il 20 dicembre 2002**

- |   |         |   |
|---|---------|---|
| <input type="checkbox"/> Corso (partecipazione gratuita)    | SI / NO | poster SI / NO                          |
| <input type="checkbox"/> Giornata di studi (30€)            | SI / NO | poster SI / NO                          |
| <input type="checkbox"/> Convegno (30€)                     | SI / NO | comunicazione SI / NO<br>poster SI / NO |
| <input type="checkbox"/> Giornata di studi + Convegno (50€) | SI / NO |   |

Le quote di iscrizione dovranno essere versate con la seconda circolare.

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**COMMUNITIES AND SETTLEMENTS**  
**FROM THE BRONZE AGE TO THE**  
**EARLY MEDIEVAL PERIOD**  
**6<sup>TH</sup> CONFERENCE OF ITALIAN**  
**ARCHAEOLOGY**

**University of Groningen, the Netherlands,  
April 15 - 17, 2003**

**Welcome**

In 2003, the Conference of Italian Archaeology will for the first time be held in the Netherlands, and the organising committee is looking forward to welcoming a large number of colleagues in Groningen. The 6th Conference of Italian Archaeology is dedicated to the results of recent research in Italian archaeology, covering the period from prehistory to the Middle Ages. The Conference will be organised by the Institute of Archaeology of the University of Groningen (RUG).

**Key dates (put these in your diary)**

- Deadline for submitting Abstracts: 1 December 2002
- Notification of acceptance: January 2003
- Deadline for early registration: 1 February 2003
- Deadline for submission of manuscripts for the Proceedings: 1 August 2003

**Venue**

The conference will be held in Groningen in the Main Building of the University and at the Department of Archaeology. Both venues are located in the centre of the historical town of Groningen. There are good railway connections between Schiphol International Airport (Amsterdam) and Groningen.

**Programme**

The conference will have two plenary sessions and some parallel sessions.

The **first plenary session** is scheduled for Tuesday morning, April 15th.

Dr Simon Stoddart will introduce this session, speaking on 'New Developments in the diachronic Study of Settlement and Society in Italy from Prehistory to the Middle Ages'.

Keynote speakers are:

- Dr A.M. Bietti Sestieri on 'Recent Developments in Italian Protohistory'
- Dr A. Rathje on 'Reconstructing the Orientalizing and Archaic Period'
- Dr N. Terrenato on 'Debates in Classical and Roman Archaeology' and
- Dr A. Augenti on 'Patterns in Late Roman and Medieval Archaeology'



Tuesday evening, April 15th, Prof. R. Ross Holloway will discuss recent developments in settlement archaeology in central and southern Italy. This meeting is partially in honour of Prof. Marianne Kleibrink who for many years has committed herself to the archaeology of Italy and excavated two key sites of Italian protohistory: Satricum in Lazio and Francavilla Marittima in Calabria.

The **second plenary session** is scheduled for Thursday afternoon, April 17th, from 15.00 to 17.00 h. It is an Overview Session in which the various session co-ordinators will review the papers presented.

The **parallel sessions** will concentrate on the following themes (in brackets the names of the co-ordinators):

- New developments in fieldwork:
  - Bronze Age (Dr A. Vanzetti)
  - Iron Age (Prof. A. Guidi)
  - Orientalising and Archaic Period (Dr J.R. Brandt)
  - Roman and later periods (Prof. D.J. Mattingly)
  - Landscape Archaeology and Survey: from the Bronze Age to the early Medieval Period (Dr G.-J. Burgers, Dr P.M. van Leusen) - [abstract](#)
- Chronology; Time versus Tradition (Prof. C.F.E. Pare, Dr M. Pacciarelli)
- Theory and Aims in Italian Archaeology: Archaeologies of community and landscape (Dr P. van Dommelen) - [abstract](#)
- Burials and their Interpretation (drs A.J. Beijer)
- Transformations in Technology and Exchange (Dr C. Giardino)
- Urbanism (Prof. F. d'Andria)
- Domestic Pottery and Food Systems (Dr A. Zifferero)

### **Call for Papers; oral and poster presentations**

Oral presentations are mainly reserved for complete projects of particular interest and review papers on new developments. Posters may present progress reports. The length of oral presentations is 15 minutes plus 5 minutes for discussions. Abstracts are requested for both oral and poster presentations and should be a minimum of 200 words and a maximum of 400 words. The abstract should clearly list the title, author(s) and Institute/affiliation (with e-mail) of the corresponding author. The text should include:

- Archaeological context
- Research objectives
- Methods/Techniques employed
- Results and significance of the study for Italian Archaeology.

References (optional) should be in the format of the journal BABesch. Abstracts need to be submitted before December 1st, 2002 to Albert Nijboer. All abstracts will be reviewed and the acceptance of the oral or poster presentation is scheduled for January 2003. The presentations will only be included in the final programme of the Conference when the registration fee of the speaker has been received. Guidelines for the presentation of posters will be available on the web site.

**Abstract handling and Scientific Programme**

Dr Albert J. Nijboer  
University of Groningen  
Groningen Institute of Archaeology  
Poststraat 6  
9712 ER Groningen  
The Netherlands  
tel.: +31 50 3636045  
fax.: +31 50 3636992  
e-mail: [A.J.Nijboer@let.rug.nl](mailto:A.J.Nijboer@let.rug.nl)

**Organising Committee**

Prof Dr Peter Attema  
Dr Albert Nijboer  
Mrs Mette Bierma

**Scientific Committee**

Prof Graeme Barker  
Dr Anna Maria Bietti Sestieri  
Prof Alessandro Guidi  
Prof John Wilkins  
Prof Douwe Yntema

**Social Programme**

Social events being planned include a reception and a conference banquet as well as an excursion.

Please visit the site: [http://odur.let.rug.nl/ItalianArchaeology/CIA6\\_en.html](http://odur.let.rug.nl/ItalianArchaeology/CIA6_en.html)



**INTERNATIONAL CONFERENCE ON THE  
APPLICATION  
OF RAMAN SPECTROSCOPY IN ART AND  
ARCHAEOLOGY  
GHENT, 3-6 SEPTEMBER 2003**



During the last decades, Raman Spectroscopy became increasingly important as an analytical tool for the investigation of objects of art, antiquities, archaeological remains and other valuables.

Therefore, the [Raman Group of the Laboratory of Analytical Chemistry](#) of the [Ghent University](#) would like to invite you to the

**International Conference on the Application of Raman Spectroscopy in Art and  
Archaeology**

which will be held in Ghent, on 3-6 September 2003.

The International Conference on the Application of Raman Spectroscopy in Art and Archaeology welcomes all contributions on the application of Raman spectroscopy in the fields of art-history, history, archaeology, conservation and restoration, museology. The conference will be divided into different non-parallel sessions. A non-limitative list of some key-topics will be:

- Raman analysis of painted artefacts: pigment identification on manuscripts, paintings, statues,...
- Raman spectroscopy of biological materials in art and archaeology: resins, fibers,...
- Data-handling and interpretation in Raman spectroscopy
- Investigation of gemstones, stones, glass, paper, ink, dyes...
- Raman instrumentation for the non-destructive analysis of art
- Multi-method approaches: Raman spectroscopy combined with other techniques

**Conference Chair:**

L. Moens  
P. Vandenabeele

**Scientific Committee:**

S. Bruni (I)  
L. Burgio (UK)  
C. Coupry (F)  
H.G.M. Edwards (UK)  
D.L.A. De Faria (Br)  
L.F.C. de Oliveira (Br)  
R. Frost (Aus)  
B. Gilbert (B)

J. Jehlicka (Cz)  
L. Kiefert (CH)  
L. Moens (B)  
F. Rull (ES)  
D. Smith (F)  
P. Vandenaabeele (B)  
R. Withnall (UK)

### **How to contact the ArchaeoRaman Secretariat?**

By mail: ArchaeoRaman Secretariat

Peter Vandenaabeele

Proeftuinstraat 86

B-9000 Ghent

(Belgium)

By phone: +32 9 264 66 23

By fax: +32 9 264 66 99

By e-mail: [peter.vandenaabeele@rug.ac.be](mailto:peter.vandenaabeele@rug.ac.be)

**Please visit the site:** <http://allserv.rug.ac.be/~pvdenabe/>

## **UK ARCHAEOLOGICAL SCIENCE 2003**

### **Wednesday 2nd - Saturday 5th April 2003 Research Laboratory for Archaeology and the History of Art, University of Oxford**

#### **SESSION THEMES**

In choosing themes for the sessions at Archaeological Science 2003, the underlying philosophy has been to try to focus on archaeologically relevant questions and to encourage papers that attempt to answer such questions. The following four general sessions are therefore proposed:

1) Geoarchaeology (Convenors: Chris Doherty and Robert Hedges)

To include papers on site formation processes and taphonomy as well as provenance studies with a definite geological input.

2) Human and animal lifeways (Convenors: Robert Hedges and Jessica Pearson)

To include papers, based primarily on chemical and molecular analytical evidence, relating to human and animal movement, subsistence and life history.

3) Technological studies (Convenors: Andrew Shortland and Mike Tite)

To include papers that consider technology within an archaeological context (eg how were new technologies discovered and why were they adopted, what was the mode of production, why a particular technological choice and why technological change?).

4) Future directions in archaeological science (Convenors: Alistair Pike and Marc Walton)

To include papers on new developments in any field of archaeological science (eg chronology, geophysical prospection, bioarchaeology, artefact studies, mathematical modelling).

In addition there will be two sessions devoted to the application of archaeological science to the following three specific archaeological sites:

- Catalhoyik (Convenor: Jessica Pearson).
- Amarna (Convenor: Andrew Shortland).
- Old Scatness (Convenor: Cathy Batt).

#### **SUBMISSION OF ABSTRACTS**

Abstracts (200-400 words) should be submitted electronically (MS Word or Rich Text Format) by 31st December 2002 to < [ukas2003@rlaha.ox.ac.uk](mailto:ukas2003@rlaha.ox.ac.uk) >.

The abstracts should include the title, author(s) and affiliation(s) (with email address of corresponding author). Please indicate whether oral or poster presentation is preferred, and in which session (ie Geoarchaeology, Human and animal life ways, Technological studies, Future directions in archaeological science or Site specific archaeological science) you would like your paper included.

Slide, overhead and digital projectors will be available. Display area for each poster presentation will be 1 m x 2m (portrait).

**For more information contact:**

\*\*\*\*\*

Jane Simcox  
Archaeological Science 2003  
Research Laboratory for Archaeology  
6 Keble Road  
Oxford OX1 3QJ  
UK  
email: [ukas2003@rlaha.ox.ac.uk](mailto:ukas2003@rlaha.ox.ac.uk)  
<http://users.ox.ac.uk/~ukas2003/>

\*\*\*\*\*



# **XVI INTERNATIONAL ASSOCIATION** **FOR QUATERNARY RESEARCH** **(INQUA) CONGRESS**

**Reno, NV July 23-30, 2003**

XVI International Association for Quaternary Research (INQUA) Congress, Reno, NV July 23-30, 2003-Submit Abstracts and Register Now!

I am pleased to let you know about the upcoming INQUA Congress. The Organizing Committee has worked hard to offer a top-flight scientific program as well as a memorable Congress experience for scientists from all over the world. We expect some 1,000 Quaternary scientists to attend the Congress, and hope you can join us for this important gathering.

You are receiving this message because GSA is a sponsor of the INQUA Congress. I look forward to seeing you in Reno this coming July.

## INQUA Congress-Only Every Four Years

The INQUA Congress is the premier gathering of Quaternary scientists from all over the world. Held only every four years, the XVI INQUA Congress will be in Reno, NV July 23-30, 2003.

Registration, Abstract Submission, Lodging All Online Now Congress registration, deadline and discount information, complete abstract submission information and links to hotel reservations are now available online at: <<http://www.inqua2003.dri.edu>>.

## Excellent Scientific Program

Symposia, poster sessions, plenary lectures and a public forum make up the scientific program. Posters will be the main mode for conveying scientific research and there will be over 40 volunteered poster sessions. Thirty timely and interesting symposia featuring both invited and volunteered oral presentations as well as linked poster sessions are scheduled. Seven plenary sessions featuring provocative and stimulating invited presentations by premier quaternary scientists have been arranged. The full program is available online at: <<http://www.inqua2003.dri.edu>>.

## Quality Field Trips Especially for Quaternary Scientists

A wide variety of pre- and post- Congress field trips, mostly in the western United States are scheduled for Quaternary scientists. In addition, several one-day, mid-Congress excursions to places of interest in the Reno-Lake Tahoe area are offered. Detailed descriptions of the field trips are online at: <<http://www.inqua2003.dri.edu>>.

## Reno, Nevada-A Great Place to Meet

Reno is tucked in a valley of the Truckee River, at an elevation of about 1500 m, at the foot of the partly forested eastern slopes of the Sierra Nevada. Reno has direct flights to

many major U.S. west coast cities and other U.S. cities. The weather in late July should be dry and sunny, with maximum temperatures in the 30° C range and cool nights, 10-15° C.

Nick Lancaster, XVI INQUA Congress Secretary General

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***ΝΕΕΣ ΕΚΔΟΣΕΙΣ – NEW PUBLICATIONS***

**ARCHAEOLOGIA BULGARICA**  
**ISSUE 6, 2002/3**

Issue 6, 2002/3 the 18th one) of Archaeologia Bulgarica has been printed. Its contents:

Marinova, E./ Tchakalova, E./ Stoyanova, D./ Grozeva, S./ Dočeva, E.: Ergebnisse archäobotanischer Untersuchungen aus dem Neolithikum und Chalkolithikum in Südwestbulgarien.....

Preshlenov, H.: Urban Spaces in Odessus (6th C BC – 7th C AD).....

Sharankov, N./ Cherneva-Tilkiyan, S.: The Life of Ancient Philippopolis in Lucian's Dialogue "Runaways".....

Kouzov, C.: Lead Roman Mirrors in Varna Archaeological Museum.....

Kuleff, I./ Djingova, R.: Glass Production during Roman and Medieval Times on the Territory of Bulgaria.....

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

Editorial Advisory Board: László BARTOSIEWICZ PhD DSc (Budapest, Hungary); Florin CURTA PhD (Gainesville, Florida, USA); Prof. Haskel J. GREENFIELD PhD (Winnipeg, Manitoba, Canada); Jean-Luc GUADELLI PhD (Bordeaux, France); Prof. Bernhard HÄNSEL PhD (Berlin, Germany); Ulla Lund HANSEN PhD (Copenhagen, Denmark); Boris MAGOMEDOV PhD (Kyiv, Ukraine); Prof. J.V.S. MEGAW MA DLitt (Adelaide, Australia); Aristotle MENTZOS PhD (Thessaloniki, Greece); Prof. Marcel OTTE PhD (Liège, Belgium); Prof. Giorgio RAVEGNANI PhD (Venice, Italy); Nikolay SHARANKOV MA (Sofia, Bulgaria); Prof. Alexandru SUCEVEANU PhD (Bucharest, Rumania); Rastko VASIĆ PhD (Belgrade, Yugoslavia); Prof. John WILKES (London, Great Britain); Prof. Jak YAKAR PhD (Tel Aviv, Israel).

Language Editors: Sven CONRAD PhD (German), Frankfurt a/M, Germany; Lyubina DAMYANOVA MA (English), Sofia, Bulgaria; Jean-Luc GUADELLI PhD (French), Bordeaux, France; Kathleen HAWTHORNE (English), London, Great Britain; Diana Gilliland WRIGHT PhD (English), New York, USA.

All articles in Archaeologia Bulgarica are submitted to peer review.

L.F. Vagalinski  
Editor  
Sofia

<http://www.techno-link.com/clients/lvagalini/index.html> (ArchBulg)

## **AEGLAUM 23 - JUST PUBLISHED**

Monuments of Minos: Rethinking the Minoan Palaces.

Proceedings of the International Workshop <sup>3</sup>Crete of the hundred Palaces?<sup>2</sup> held at the Université Catholique de Louvain, Louvain-la-Neuve, 14-15 December 2001

Edited by Jan Driessen, Ilse Schoep and Robert Laffineur, 1 volume, 248 p., 61 pl. hors texte.

Foreword, Monuments of Minos: Rethinking the Minoan Palaces

Introduction

List of abbreviations

Jan DRIESSEN,  $\text{\textcircled{E}}$ The King Must Die.<sup>1</sup> Some Observations on the Use of Minoan Court Compounds

Ilse SCHOEP, The State of the Minoan Palaces or the Minoan Palace-State?

Colin F. MACDONALD, The Neopalatial Palaces of Knossos

Giorgos RETHEMIOTAKIS, Evidence on Social and Economic Changes at Galatas and Pediada in the New-Palace Period

Vincenzo LA ROSA, Pour une révision préliminaire du second palais de Phaistos

Joseph SHAW, The Minoan Palatial Establishment at Kommos. An Anatomy of its History, Function, and Interconnections

Olivier PELON, Contribution du palais de Malia à l'étude et à l'interprétation des <sup>3</sup>palais<sup>2</sup> minoens

Jeffrey S. SOLES, A Central Court at Gournia

Metaxia TSIPOPOULOU, Petras, Siteia: The Palace, the Town, the Hinterland and the Protopalatial Background

Lefteris PLATON, The Political and Cultural Influence of the Zakros Palace on Nearby Sites and in a Wider Context

Maria ANDREADAKI-VLASAKI, Are We Approaching the Minoan Palace of Khania?

Clairy PALYVOU, Central Courts: The Supremacy of the Void

Yannis HAMILAKIS, Too Many Chiefs?: Factional Competition in Neopalatial Crete

Peter M. WARREN, Political Structure in Neopalatial Crete

Philip P. BETANCOURT, Who was in charge of the Palaces?

J. Alexander MACGILLIVRAY, Memories of a Minotaur

Peter M. DAY and Maria RELAKI, Past Factions and Present Fictions: Palaces in the Study of Minoan Crete

Klaas VANSTEENHUYSE, Minoan Courts and Ritual Competition

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ΥΠΟΥΡΓΕΙΟ ΠΟΛΙΤΙΣΜΟΥ  
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ΚΑΙ ΔΗΜΟΣΙΕΥΜΑΤΩΝ  
Οδός Αγίων Ασωμάτων 11,  
10553 Αθήνα  
Τηλ. 210 8201520

### ΑΝΑΚΟΙΝΩΣΗ

Από την Διεύθυνση Αρχείου Μνημείων και Δημοσιευμάτων του Υπουργείου Πολιτισμού εκδόθηκε το βιβλίο

*Π.Α.Πάντος, Κωδικοποίηση νομοθεσίας για την πολιτισμική κληρονομιά κατά θέματα. Α' Ελληνική νομοθεσία, Αθήνα 2001, σ.450 [ ISBN 960-214-051-6 ]*

Το βιβλίο περιέχει ως ένθετο και τον νέο νόμο 3028/2002 για την προστασία των αρχαιοτήτων και εν γένει της πολιτιστικής κληρονομιάς.

Κεντρική διάθεση:  
Ταμείο Αρχαιολογικών Πόρων και Απαλλοτριώσεων,  
οδός Πανεπιστημίου 47,  
10564 Αθήνα

Τηλ. 210 3253901-6, 210 3240406  
Fax: 210 3242254, 210 3242684  
Email: [protocol@tapa.culture.gr](mailto:protocol@tapa.culture.gr)

## ΘΕΣΕΙΣ ΕΡΓΑΣΙΑΣ/ΥΠΟΤΡΟΦΙΕΣ – JOB VACANCIES/FELLOWSHIPS



### **ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΙΓΑΙΟΥ** **ΣΧΟΛΗ ΕΛΛΗΝΙΚΩΝ ΚΑΙ** **ΜΕΣΟΓΕΙΑΚΩΝ ΣΠΟΥΔΩΝ**

**ΤΜΗΜΑ ΜΕΣΟΓΕΙΑΚΩΝ ΣΠΟΥΔΩΝ**  
**ΕΡΓΑΣΤΗΡΙΟ ΑΡΧΑΙΟΜΕΤΡΙΑΣ (ΕΡΓ.Α)**

ΔΗΜΟΚΡΑΤΙΑΣ 1, ΡΟΔΟΣ 85100

Τηλ. & Τηλεομοιοτυπία: 22410-99320, 99385-6

E-mail: [liritzis@rhodes.aegean.gr](mailto:liritzis@rhodes.aegean.gr)

Διευθυντής: Καθηγητής Ιωάννης Λυριτζής

### **ΕΚΔΗΛΩΣΗ ΕΝΔΙΑΦΕΡΟΝΤΟΣ**

Το Εργαστήριο Αρχαιομετρίας (ΕΡΓ.Α) ενδιαφέρεται για την συνεργασία με ερευνητή Φυσικών επιστημών με ειδίκευση στην Αρχαιομετρία και έμφαση στις χρονολογήσεις και/ή αναλύσεις οργανικών και ανοργάνων υλικών, πυρηνικές αναλύσεις, καταρχήν με την ένταξη σε ερευνητικά Προγράμματα του Εργαστηρίου, και με την προοπτική στο άμεσο μέλλον στο επίπεδο της μεταδιδακτορικής έρευνας και με καθήκοντα διδασκαλίας.

Οι ενδιαφερόμενοι να καταθέσουν πλήρες βιογραφικό σημείωμα στη Γραμματεία του ΕΡΓ.Α.

Πληροφορίες

Καθ. Ιωάννης Λυριτζής

Διευθυντής

## **FELLOWSHIP AT VIENNA UNIVERSITY OF TECHNOLOGY**

At the Institute for Chemical Technologies and Analytics at the Vienna University of Technology the position of a chemist or conservation scientist is available:

Within a project funded by the Austrian Science Fund (FWF), analytical investigations will be carried out dealing with the chemical ageing processes of natural organic binding media in works of art. Techniques employed will be GC, GC/MS and FTIR microscopy.

The position includes a full time employment and enables the attainment of a PhD degree. The applicant should have a master degree in organic chemistry, preferably analytical chemistry, and should ideally have some experience in the field of organic analysis of historic binding media in works of art. Experience in GC, GC-MS, Py-GC-MS and FTIR is also desirable.

Duration: January 2003 - December 2005 (or shorter)

Salary: 1.512 Euro/month (gross)

Applicants should send their CV and list of publications until November 22, 2002 to:

\*\*\*\*\*

Dr. Robert Linke  
Institute for Humanities, Sciences and Technologies in Art Academy of Fine Arts  
Schillerplatz 3  
A-1010 Vienna  
Austria  
E-mail: [robert.linke@fch.akbild.ac.at](mailto:robert.linke@fch.akbild.ac.at)

\*\*\*\*\*

## **POSITION AT THE NATIONAL ARCHIVES OF SCOTLAND**

**The National Archives of Scotland – Edinburgh  
18,926 - 25,011 pounds sterling**

The National Archives of Scotland (NAS) is a Government Department, which has responsibility for selecting, preserving and making available the public records of Scotland. You must have a qualification/degree in book or archive and paper conservation, together with a minimum of two years recent relevant practical experience. Registration from the Society of Archivists and/or Accredited status would be desirable and we will support staff to progress towards this status.

You should be an innovative and versatile conservator who can demonstrate a wide knowledge of traditional and modern conservation techniques and an in-depth knowledge of preservation issues. Ability to undertake responsibilities away from the "bench" are specifically required. Effective communication and presentation skills, enthusiasm and flexibility are essential.

This appointment is permanent and pensionable. Applications from candidates who wish to work part-time or on a job-share basis will be considered. Salary will be in the range 18,926- 25,011 pounds sterling. Starting salary is dependent on experience and skills evident in the selection process. Pay is performance related, offering quick progression to high achievers. Full details and an application form are available online at [www.scotland.gov.uk/government/careers](http://www.scotland.gov.uk/government/careers). Alternatively, please write to the Scottish Executive Recruitment Unit, Unit TSPUR (CON), Saughton House, Broomhouse Drive, EDINBURGH EH11 3XD or email [elaine.campbell@scotland.gsi.gov.uk](mailto:elaine.campbell@scotland.gsi.gov.uk). Completed applications must be returned by Tuesday 26th November 2002.

## ΛΟΓΙΣΜΙΚΟ – SOFTWARE

# CALPAL - RADIOCARBON CALIBRATION 6<sup>TH</sup> MANAGEMENT UPDATE

Dear Colleagues,

We have recently upgraded the CalPal program (Cologne Radiocarbon Calibration & Paleoclimate Research Package), which can be downloaded as scientific freeware from our website <http://www.calpal.de>. The upgrade includes a number of new radiocarbon analysis routines & dialogs, as well as some recently integrated climate proxies & archaeological 14C-databases:

### PALAEOCLIMATOLOGY

- Total N=78 climate proxies.

[www.calpal.de/calpal/proxies.htm](http://www.calpal.de/calpal/proxies.htm)

Most recent proxies are:

- Dust and 18O from Kilimanjaro and Huascarán Ice Cores.

[www.ngdc.noaa.gov/paleo/pubs/Thompson2002/Thompson.html](http://www.ngdc.noaa.gov/paleo/pubs/Thompson2002/Thompson.html).

### PREHISTORIC ARCHAEOLOGY

- Integration of Stage Three Project Palaeolithic 14C-Database.

[www.esc.cam.ac.uk/oistage3/Details/Homepage.html](http://www.esc.cam.ac.uk/oistage3/Details/Homepage.html)

- Integration of Radon European Neolithic & Bronze Age Database.

[www.jungsteinsite.de/radon/radon.html](http://www.jungsteinsite.de/radon/radon.html)

### GENERAL RADIOCARBON ANALYSIS

- Completion of Dialogs for RealTime 14C-Calibration.

- First Edition CalCurveComparer.

- Historical CalDataSets INTCAL93, INTCAL86, SUESS.

[www.calpal.de/calpal/composer.htm](http://www.calpal.de/calpal/composer.htm)

### PROGRAM MANAGEMENT

- Correction of WindowRaise bugs (mainly WIN98).

- Inclusion of missing PlotConvertHelp file.

We continuously acknowledge the support of many colleagues, institutions, and data centers, whose scientific results are redistributed in CalPal for the purpose of additional research in palaeoclimatology and prehistoric archaeology.

Best regards

Uwe Danzeglocke



\*\*\*\*\*

Institut für Vor- und Frühgeschichte  
Radiocarbon Laboratory  
Universität zu Köln  
Weyertal 125  
50923 Köln  
Germany

Tel. (+) 0221 470 2880  
Fax. (+) 0221 470 4892  
E-mail: <http://www.calpal.de>

\*\*\*\*\*



## **ΤΡΑΠΕΖΕΣ ΔΕΔΟΜΕΝΩΝ – DATA BANKS**

### **CSA-AIA ARCHAEOLOGICAL SURVEY**

Request for participation in CSA-AIA Archaeological Project Survey

It is approaching the fourth anniversary of the CSA-AIA Archaeological Project Database on the web. This internet resource provides a list of current archaeological projects, along with brief descriptions of the projects and contact information. There are currently nearly 100 projects included in the survey, from China to the Mediterranean basin and from a dendrochronological survey in the Aegean to excavations, surveys, and field schools.

In October, 2002, there were nearly 1500 hits on the project Web pages. In October, 1999, the Scout Report for the Social Sciences and Humanities selected the CSA-AIA Survey for inclusion; this acknowledgment by librarians and content specialists at the University of Wisconsin-Madison, is based on such criteria as quality of content, easy of access, overall design, and maintenance of data.

We are using the anniversary to ask those of you who have not yet participated to take the time to do so. A description of the survey and an on-line form to submit projects are available at . If you have questions or comments, please address them to Nick Eiteljorg <[nicke@csanet.org](mailto:nicke@csanet.org)> or Susan Jones <[scjones@csanet.org](mailto:scjones@csanet.org)>, or use surface mail to CSA, P.O. Box 60, Bryn Mawr, PA 19010.