



Επιστημονικό Σωματείο,
Έτος Ίδρυσης 1982, έδρα:
Κάνιγγος 27, 106 82 Αθήνα
(Ένωση Ελλήνων Χημικών)

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Πληροφοριακό Δελτίο της Ελληνικής Αρχαιομετρικής Εταιρείας

- Οκτώβριος 2003 -

Newsletter of the Hellenic Society of Archaeometry

- October 2003 -

Nr. 32

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ΣΥΝΕΔΡΙΑ - CONFERENCES/WORKSHOPS

SEA-LEVEL CHANGES IN EASTERN MEDITERRANEAN DURING HOLOCENE. INDICATORS AND HUMAN IMPACTS

**INTERNATIONAL WORKSHOP, IAG
Working Group on Geoarchaeology**

**HAROKOPIO UNIVERSITY, DEPARTMENT OF
GEOGRAPHY, ATHENS
16-17-18 October 2003
Third Circular (July 2003)**

THIRD CIRCULAR

The Working Group on Geoarchaeology of the International Association of Geomorphologists and Harokopio University take great pleasure in extending an invitation to you to attend an international workshop in Athens. The workshop is open to scientists who are interested in sea level fluctuations during the Holocene, recorded in eastern Mediterranean. The workshop wishes to enhance exchange of experience expertise and prospects of cooperation between scientists working on sea level indicators in the broader Mediterranean region.

Workshop Venue

The Workshop will be held at Harokopio University (El.Venizelou 70, str. Kalithea - Athens).

Themes of the Workshop

The general themes of the Workshop are:

- ñ Global sea-level changes
- ñ Sea level indicators
- ñ Human impacts

Language

The official language of the workshop will be English. No simultaneous translations will be available.

Workshop Schedule

Thursday, October 16, 2003

9.00-9.30 Registration

9.30-10.00 Opening Session

Welcome from the Organising Committee

10.00-11.30 First Special Lecture Session

10.00-10.30 Dieter Kellert (Professor, Institute für Geographie, Essen University).

A Holocene sea-level curve for the Eastern Mediterranean from multiple indicators.

10.30-11.00 Helmut Bruckner (Professor, Department of Geography, University of Marburg)

Holocene Shoreline displacements and their consequences for human societies: the examples of Miletos, Priene and Myos in Western Turkey.

11.00-11.30 Christophe Morhange (Doctor, Institut Universitaire de France)

Paleoenvironments of ancient harbors of the Eastern Mediterranean.

11.30-12.00 Coffee break

12.00-13.00 Second Special Lecture Session

12.00-12.30 Andrew Cundy (Lecturer in Environmental Science, School of Chemistry Physics and Environmental Science, University of Sussex).

Recent rapid sea level change in the Eastern Mediterranean and the coastal sedimentary record.

12.30-13.00 Eric Fouache (Chairman of the Working Group on Geoarchaeology, Senior Lecturer in Physical Geography, University of Paris, Sorbonne).

Using beachrocks as sea-level indicators: Problems and methodology, the example of Mykonos, Rhenea and Delos Islands (Cyclades, Greece)

13.00-15.00 Lunch break

15.00-17.00 Third Special Lecture Session

15.00-15.30 Myriam-Bar Matthews (Doctor, Geological Survey of Israel)

Evidence from speleothem isotopic records for abrupt climatic changes during the Holocene and their impact on human settlements in the Eastern Mediterranean region

16.00-16.30 David Blackman (Senior Research Fellow, Centre for the study of Ancient Documents)

Archaeological evidence for sea level changes

16.30-17.00 Paolo Pirazzoli (Doctor, CNRS-Laboratoire de Géographie Physique).

Marine erosion features and bio-constructions as indicators of tectonic movements, with special attention to the eastern Mediterranean area

Friday, October 17, 2003

9.30-11.00 Fourth Special Lecture Session

9.30-10.00 Stathis Stiros (Assistant Professor, University of Patras).

Impact of episodic sea level changes on ancient (prehistoric to Roman) coastal sites.

10.00-10.30 Nils-Axel-Morner (President of SLC and CE).

Sea Level changes in the Past, at Present and in near-future. Global aspects and special Mediterranean characteristics.

10.30-11.00 Michael Tsimplis (Lecturer, Institute of Maritime Law, University of Southampton)

Global sea-level rise. A useful predictor for the Mediterranean sea

11.00-12.00 Coffee

9.00-17.00 Poster Session

During the second day of the Workshop the following posters are going to be presented:

- Athanassas, C.: Observations on the Geomorphology of the Coastal line of the SE part of Pylia Province, Messinia, SW Peloponnese, Greece, and its Correlation with the ancient monuments area.
- Bay, B., Schröder, B. & U. Yalcin : Provenance of building stone and sea transport as markers of the Latmian Gulf coastal line (lower course of B. Menderes River, W-Anatolia).
- Carozza J-M., Métaillé J-P., Galop D and the archaeological team « La Joyanca »: Landscape, land use and agro-cultural activities in the Mayan Lowlands: The case of "La Joyanca" (Petén, Guatemala).
- Devillers, B., Morhange, C., Buffière De L'Air, M., Provansal, M., Elmaleh, A., Bourcier, M. & P. E. Mathe : Fluvial activity and Holocene coastal landscape evolution in eastern Mediterranean: the Gialias watershed, Cyprus.
- Fjeldskaar, W.: Hydro-isostasy – an important effect of eustatic changes..
- Fytrolakis, N., Peterek, A., & B. Schröder : Initial geoarchaeologic investigation on the Holocene coastal configuration near Phaistos / Agia Triada (Messara plain, central Crete/Greece).
- Goiran, J.P.: Relative sea level variation and coast line evolution in the archaeological site of Alexandria, Egypt.
- Katupotha, K.N.J.: Beachrocks in the west coast of Sri Lanka.
- Loveson, V.J.: Late Holocene sea level changes on ancient settlements along southeast Indian coast.
- Lykoysis, V., Kapsimalis, V., Karageorgis, A.P. & G.T. Chronis: Paleogeographical reconstruction of the NW Aegean shelf (Greece) since the last glacial maximum, Greece.
- Poursoulis, G., Peterson, L., Lancellotti, L. & J. Peterson: Re-examination of the demise on Minoan settlement at Palaikastro.
- Poulos, S.E., Kapsimalis, V. & C. Tziavos : Sea-level stands in the semi-enclosed embayment of Amvrakikos gulf (western Greece) during Holocene.
- Selivanov, A.: Holocene sea-level changes in the Black Sea and the sea of Azov.
- Sivan, D., Toueg, R., Raban, A., Porath, Y., Shirman, B. & K. Lambeck : Sea level changes during the last 2000 years based on ancient coastal wells of Caesarea Maritima, Israel.
- Vouvalidis, K., Syrides, G. & K. Albanakis : Holocene morphology of the Thessaloniki gulf. Impact of sea level rise.
- Shaw, A.G.P. & M.N. Tsimplis : Estimation of sea-level variability and revised trends from regional sea level indices.

17.00 Closing of the Workshop

Saturday, October 18, 2003

Post Workshop field trip: Sea-level changes and tectonic movements of the broader area of Corinth in northeastern Peloponnese. The Organizing Committee is organizing the detailed program of the field trip.

Poster Presentation policy

For each poster, individual freestanding display boards will be allocated. The size of the submitted posters must be 1.10 m high and 0.9 m width. A selection of pins will be available by the organizers.

Posters have to be put up at 9.00 am on Friday 17th October and left for the duration of the workshop.

Registration

The registration fee is € 200. Deposit at: National Bank of Greece

Branch office: Harokopou (PC 17671) Beneficiary: Research

Committee Account No: 053/296003-64

The registration fee covers the cost of the abstracts volume as well as reception party attendance and beverages served during the breaks of the workshop.

Field trip fees (€ 50) include transportation, lunch and a field trip guide).

Accommodation

Participants are reminded that they need to organize their own accommodation. For any information about hotels, traveling tickets, and prices please contact:

Manolis Trigkakis

Hellenic Vision Travel,

26 Lembesis and Kalirois Street, 11773 Athens Greece.

Tel : +302109218543

Fax : +302109218666

e-mail : helvision@otenet.gr

Weather Conditions

The average air temperature in Athens is +18°C in October. Mean monthly precipitation is 47.7 mm with an average of 9 rainy days during the month. Air moisture has a mean value of 66%.

Additional Information

For any additional information, please contact:

Mail address : International Workshop "Sea-level changes in Eastern Mediterranean during Holocene. Indicators and human impacts" Kosmas Pavlopoulos, Harokopio University, Department of Geography, 70 El. Venizelou, Str., 17671 Athens, Greece.

Website : www.hua.gr/workshop/default.htm

e-mail : yvinga@hua.gr

Tel : +30 210 9549151

Fax : +302109514759

Scientific Committee

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Honored Scientific Committee

C. Baeteman, J. J. Defaure, M. Dermitzakis, G. Livaditis, I. Mariolakos, A. Papapetrou-Zamani.

Organizing Committee

Co-ordinator : K. Pavlopoulos

Secretariat : Y. Vringa, Ch. Chalkias, K. Gaki-Papanastassiou, E. Karymbalis, H. Maroukian, Ch. Sophianopoulou, M. Triantaphyllou.

REGISTRATION FORM

Sea-level changes in Eastern Mediterranean during Holocene. Indicators and human impacts

16-17-18 October 2003

HAROKOPIO UNIVERSITY

DEPARTMENT OF GEOGRAPHY

ATHENS

Personal Particulars

Surname:.....

Name:.....

Title:.....

Business address:.....

Residence address:.....

e-mail:..... Fax:.....

Tel.No:.....

Registration € 200

Post Workshop Field Trip

Field trip charge:€ 50

(Includes field trip guide,travel,lunch)

Attending field trip

Not attending field trip

HAROKOPIO UNIVERSITY

INTERNATIONAL ASSOCIATION OF GEOMORPHOLOGISTS

WORKING GROUP ON GEOARCHAEOLOGY

GEOTECHNICAL CHAMBER OF GREECE

NATIONAL AND KAPODISTRIAN

UNIVERSITY OF ATHENS

ECOLE FRANCAISE D ATHENES

NATIONAL CENTER FOR MARINE RESEARCH

GEOLOGICAL SOCIETY OF GREECE

HELLENIC GEOGRAPHICAL SOCIETY



NURT 2003 DEADLINE EXTENSION AND ACCEPTED CONTRIBUTIONS SO FAR

The 4th International Symposium on Nuclear and Related Techniques (NURT 2003) is pleased to inform you that accepted contributions have been posted in our web site. You may access them by clicking on Accepted Contributions link, visible on our web site <http://www.ceaden.cu/nurt2003/index.asp>

Due to some problems with mail service, NURT Organizing Committee have extended full paper and abstract submission until SEPTEMBER 28th.

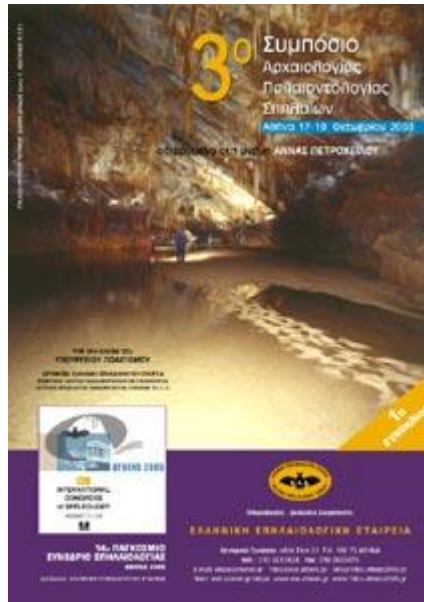
Best regards,

Arian Abrahantes
NURT 2003 OC

3ο ΣΥΜΠΟΣΙΟ ΑΡΧΑΙΟΛΟΓΙΑΣ, ΓΕΩΛΟΓΙΑΣ & ΠΑΛΑΙΟΝΤΟΛΟΓΙΑΣ ΣΠΗΛΑΙΩΝ

Αθήνα, Ελλάδα

Προσεγγίσεις και προοπτικές της αρχαιολογικής, γεωλογικής
και παλαιοντολογικής έρευνας των σπηλαίων



Αφιερωμένο στη μνήμη ΑΝΝΑΣ ΠΕΤΡΟΧΕΙΛΟΥ
Χαροκόπειο Πανεπιστήμιο, 17 έως 19 Οκτωβρίου 2003

ΥΠΟ ΤΗΝ ΑΙΓΙΑ ΤΟΥ ΥΠΟΥΡΓΕΙΟΥ ΠΟΛΙΤΙΣΜΟΥ
ΟΡΓΑΝΩΣΗ: ΕΛΛΗΝΙΚΗ ΣΠΗΛΑΙΟΛΟΓΙΚΗ ΕΤΑΙΡΕΙΑ
ΣΥΝΔΙΟΡΓΑΝΩΣΗ: ΣΠΗΛΑΙΟΛΟΓΙΚΗ ΟΜΟΣΠΟΝΔΙΑ ΕΛΛΑΔΟΣ
σε συνεργασία με
ΕΦΟΡΕΙΑ ΠΑΛΑΙΟΑΝΘΡΩΠΟΛΟΓΙΑΣ - ΣΠΗΛΑΙΟΛΟΓΙΑΣ
ΕΠΙΤΡΟΠΗ ΑΡΧΑΙΟΛΟΓΙΑΣ - ΠΑΛΑΙΟΝΤΟΛΟΓΙΑΣ ΣΠΗΛΑΙΩΝ
ΤΗΣ ΔΙΕΘΝΟΥΣ ΕΝΩΣΕΩΣ ΣΠΗΛΑΙΟΛΟΓΙΑΣ (U.I.S.)

Αγαπητοί φίλοι, συνάδελφοι και σπηλαιολόγοι,

Η Ελληνική Σπηλαιολογική Εταιρεία (Ε.Σ.Ε.) και η Σπηλαιολογική Ομοσπονδία Ελλάδος (Σ.Ο.Ε.), σε συνεργασία με την Εφορεία Παλαιοανθρωπολογίας - Σπηλαιολογίας και την Επιτροπή Αρχαιολογίας & Παλαιοντολογίας Σπηλαίων της U.I.S. σας προσκαλεί να συμμετάσχετε στο 3ο Συμπόσιο Αρχαιολογίας & Παλαιοντολογίας Σπηλαίων, που έχουν αναλάβει οι Έλληνες Σπηλαιολόγοι για την πραγματοποίηση του 14ου Παγκοσμίου Συνεδρίου Σπηλαιολογίας που θα γίνει από 21 έως 28 Αυγούστου 2005, στην Αθήνα.

Το Συμπόσιο θα πραγματοποιηθεί από τις 17 έως τις 19 Οκτωβρίου 2003, στο κεντρικό αμφιθέατρο του Χαροκόπειου Πανεπιστημίου, ενώ τις εργασίες του θα παρακολουθήσουν και τα μέλη του Γραφείου της Διεθνούς Ενώσεως Σπηλαιολογίας

(U.I.S.). Στο Συμπόσιο προσκαλούνται επιστήμονες διεθνούς κύρους που εργάζονται σε θέματα αρχαιολογίας και παλαιοντολογίας σπηλαίων. Δίδεται έτσι η δυνατότητα ανταλλαγής απόψεων και προβληματισμών των ερευνητών, οι οποίοι ενώ προέρχονται από διαφορετικούς επιστημονικούς κλάδους και χώρες, εργάζονται στο άκρως ενδιαφέρον περιβάλλον των σπηλαίων.

Τα σπήλαια, αυτά τα πολύτιμα αρχεία της φύσης, που συνήθως ανακαλύπτουν και επισκέπτονται για πρώτη φορά οι σπηλαιολόγοι, αποτελούν χώρο πολύτιμων πληροφοριών για τον άνθρωπο, αλλά και για την πανίδα του παρελθόντος. Τα σπήλαια υπήρξαν οι πρώτοι χώροι κατοίκησης του ανθρώπου και δίδουν πολύτιμες πληροφορίες για τις ασχολίες, την τέχνη του, και τον τρόπο ζωής του γενικότερα. Η σχέση του ανθρώπου με τα ζώα σε χρονικές περιόδους που οι αλλαγές στο παγκόσμιο κλίμα έκαναν έντονη την ανάγκη ανεύρεσης τροφής και κατοικίας, μελετάται από την ανάλυση του υλικού των σπηλαιοαποθέσεων.

Θα μας δώσει ιδιαίτερη χαρά να σας δούμε στην Αθήνα τον Οκτώβριο του 2003, να ενημερωθούμε για την πρόοδο των ερευνών σας στην Αρχαιολογία, στη Γεωλογία, στην Παλαιοντολογία και φυσικά στη Σπηλαιολογία.

Η Οργανωτική Επιτροπή ευχαριστεί ιδιαίτερα τους χορηγούς, φορείς του δημοσίου και ιδιωτικού τομέα, η συμβολή των οποίων στη διοργάνωση αυτή είναι σημαντική.

Η ΟΡΓΑΝΩΤΙΚΗ ΕΠΙΤΡΟΠΗ

Σημείωση: Η παρούσα εγκύκλιος από τον Απρίλιο του 2003 είναι στη διάθεση των ενδιαφερομένων από την ιστοσελίδα της Ε.Σ.Ε. Κυκλοφορεί και σε έντυπη μορφή με τις νέες τελικές ημερομηνίες, ύστερα από την έγκριση της Νέας Οργανωτικής Επιτροπής από το Προεδρείο και το Γραφείο της U.I.S. που διενήργησε έλεγχο για την πρόοδο των εργασιών στην Αθήνα 15-18 Ιουλίου 2003.

ΧΟΡΗΓΟΙ (μέχρι 31-12-2002)
ΥΠΟΥΡΓΕΙΟ ΠΟΛΙΤΙΣΜΟΥ ΕΛΛΗΝΙΚΟΣ ΟΡΓΑΝΙΣΜΟΣ ΤΟΥΡΙΣΜΟΥ ΕΘΝΙΚΟ & ΚΑΠΟΔΙΣΤΡΙΑΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ ΧΑΡΟΚΟΠΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ

ΘΕΜΑΤΟΛΟΓΙΑ ΑΡΧΑΙΟΛΟΓΙΑΣ

1. Άνθρωπος και σπήλαιο - μία διαχρονική σχέση
2. Σπηλαιοπεριβάλλον και άνθρωπος
3. Χρήση σπηλαίων: έρευνα και προοπτικές
4. Τα σπήλαια ως χώρος γέννησης και θανάτου
5. Η σπηλαιολογία με το βλέμμα της αρχαιολογίας
6. Σπήλαια και μυθολογία
7. Η τέχνη στα σπήλαια (βραχογραφίες-σπηλαιογραφίες, επιγραφές)
8. Τα λατρευτικά σπήλαια και λατρευτική πρακτική (ανάγλυφα, αναθήματα)
9. Περιηγητές και σπήλαια
10. Σπήλαια και αρχαία μεταλλουργία
11. Νέοι τομείς και μέθοδοι έρευνας

ΘΕΜΑΤΟΛΟΓΙΑ ΓΕΩΛΟΓΙΑΣ ΚΑΙ ΠΑΛΑΙΟΝΤΟΛΟΓΙΑΣ

1. Πλειστοκαινική πανίδα σπηλαίων ηπειρωτικών περιοχών
2. Απολιθωμένα ενδημικά θηλαστικά νησιών του Αιγαίου και περιοχών της Μεσογείου
3. Βιοστρωματογραφία, γεωχρονολογήσεις και παλαιομαγνητικές χρονολογήσεις
4. Υποθαλάσσιες πανίδες σπηλαίων
5. Βιοστρωματογραφία, γεωχρονολογήσεις και παλαιομαγνητικές χρονολογήσεις
6. Παλαιανθρωπολογία – εξέλιξη του ανθρώπου και σπήλαια
7. Παλαιοκλιματολογία των σπηλαίων
8. Παλαιό και νέο καρστ
9. Σπήλαια και γεωγραφική κατανομή τους
10. Σπήλαια και νεοτεκτονικές παραμορφώσεις
11. Σπήλαια και νερό
12. Νέοι τομείς και μέθοδοι έρευνας

Οι ενδιαφερόμενοι για να συμμετάσχουν θα πρέπει να στείλουν στην Οργανωτική Επιτροπή, **το αργότερο μέχρι τις 15 Σεπτεμβρίου 2003 (τελική ημερομηνία)** αίτηση συμμετοχής, συνοδευόμενη από περίληψη της εργασίας τους. Κάθε εργασία θα πρέπει να συμβάλει στην ανάπτυξη και προώθηση της έρευνας.

Πρόγραμμα:

Τρίτη 14 - Πέμπτη 16 Οκτωβρίου 2003: Συνεδριάσεις του Γραφείου της U.I.S.
Αίθουσα Προπυλαίων του Παν/μίου Αθηνών

Παρασκευή, 17 Οκτωβρίου 2003: Άφιξη και εγγραφή των συνέδρων.
Έναρξη συμποσίου, χαιρετιστήριες ομιλίες, δεξίωση.

Σάββατο, 18 Οκτωβρίου 2003: Παρουσίαση εργασιών και αναρτημένων ανακοινώσεων.

Κυριακή, 19 Οκτωβρίου 2003: Παρουσίαση εργασιών και αναρτημένων ανακοινώσεων, σύντομη εκδρομή στα Καλάβρυτα και στο Σπήλαιο Δυρού. Λήξη Συμποσίου.

Δευτέρα 20 - Κυριακή 26 Οκτωβρίου 2003: Πολυήμερες εκδρομές μετά το Συμπόσιο στην Κεντρική και Βόρεια Ελλάδα

Σημαντικές ημερομηνίες:

- Τελευταία ημερομηνία υποβολής περιλήψεων, 15 Σεπτεμβρίου 2003
- Τελευταία ημερομηνία δηλώσεως συμμετοχής στις εκδρομές, 15 Νοεμβρίου 2003
- Οι περιλήψεις των εργασιών θα δοθούν κατά την έναρξη του Συμποσίου
- Όλες οι εργασίες θα δημοσευθούν και θα υπάρξει ειδοποίηση για τον ακριβή χρόνο παράδοσής τους.

Γενικές οδηγίες:

- Γλώσσες Συμποσίου** η Ελληνική και η Αγγλική.
- Η παρουσίαση** δεν θα πρέπει να υπερβαίνει σε χρόνο τα 15 λεπτά, ενώ θα ακολουθεί συζήτηση μέχρι 5 λεπτά. Στους ομιλητές θα παρασχεθούν όλες οι διευκολύνσεις που θα ζητηθούν για παρουσίαση διαφανειών, slides και PowerPoint.
- Οι αφίσες** δεν θα πρέπει να ξεπερνούν σε διαστάσεις τα 70 x 100 εκ.

-Οι περιλήψεις θα πρέπει να είναι γραμμένες σε κειμενογράφο "Word 95" ή μεταγενέστερο και να μην ξεπερνούν τις 200 λέξεις ανά σελίδα A4 (Γραμματοσειρά Arial 11pts, διάστημα 1+½, σε πλάτος 16 εκ. και ύψος 20 εκ.), να συνοδεύονται από αγγλική περίληψη, η οποία δεν θα πρέπει να ξεπερνά τις 200 λέξεις. Η βιβλιογραφία, απαραίτητη στο τέλος του κειμένου, να είναι γραμμένη με τη μορφή που ορίζεται από το Harvard System και το θέμα της κάθε ανακοίνωσης θα πρέπει να είναι γραμμένο στα αγγλικά και γαλλικά.

-Σχέδια και φωτογραφίες : Όλα τα σχέδια και οι φωτογραφίες θα αποσταλούν και σε ηλεκτρονική μορφή (TIFF ή JPEG) σε ανάλυση 300 dpi στο συνηθισμένο μέγεθος εκτύπωσης

(Μέγιστο πλάτος φωτογραφιών 13 εκ. Μέγιστο ύψος φωτογραφιών 19 εκ.)

-Εποπτικά μέσα: Οι ομιλητές θα πρέπει να ενημερώσουν εγκαίρως την Οργανωτική Επιτροπή για τα εποπτικά μέσα που προτίθενται να χρησιμοποιήσουν κατά την παρουσίαση της εργασίας τους. (overhead projector, slide projector ή computer video projector)

Προσοχή : Οι περιλήψεις και οι ανακοινώσεις θα πρέπει να σταλούν σε έντυπη και ηλεκτρονική μορφή. Η εκτυπωμένη μορφή τους που θα συμπεριλαμβάνει και τα σχέδια, διαγράμματα και εικόνες, θα σταλεί σε 4 (τέσσερα) αντίτυπα στη διεύθυνση της Ελληνικής Σπηλαιολογικής Εταιρείας με ένδειξη στο φάκελο "Για το 3ο Συμπόσιο Αρχαιολογίας, Γεωλογίας και Παλαιοντολογίας σπηλαίων". Οι εργασίες θα γίνουν δεκτές για παρουσίαση ή αναρτημένη ανακοίνωση (poster) ύστερα από την κρίση τους από την Επιστημονική Επιτροπή.

Εξοδα συμμετοχής :	Έως τις 15 Σεπτεμβρίου 2003	Μετά τις 15 Σεπτεμβρίου 2003
Σύνεδροι	180€	210€
Συνοδοί (χωρίς πρακτικά)	140€	170€
Φοιτητές	80€	100€
Εκδρομές μετα συνεδριακές	Θα ανακοινωθούν στην ιστοσελίδα μας	

Η συμμετοχή θα πρέπει να κατατίθεται στο λογαριασμό της Ελληνικής Σπηλαιολογικής Εταιρείας 5051 - 006608 - 908 Τράπεζας Πειραιώς.

Το αντίγραφο της κατάθεσης θα πρέπει να σταλεί με συστημένη επιστολή και fax στον Ταμία της Οργανωτικής Επιτροπής, στη διεύθυνση και το Fax (210 32 43 476) της Ελληνικής Σπηλαιολογικής Εταιρείας.

Στην τιμή περιλαμβάνονται :

1. Η συμμετοχή στο συμπόσιο
2. Το αντίτυπο των πρακτικών και σε ηλεκτρονική μορφή.
3. Η συμμετοχή στις δεξιώσεις έναρξης και λήξης του Συμποσίου.
4. Η συμμετοχή στην ξενάγηση της πόλης της Αθήνας.
5. Η βεβαίωση παρακολούθησης του Συμποσίου.
6. Ο καφές και τα αναψυκτικά κατά τα διαλείμματα.

Η εγγραφή θα επιβεβαιωθεί μετά τη λήψη της σχετικής επιστολής και του αντιγράφου πληρωμής της εγγραφής μέσω Τραπεζής. Προσωπικές επιταγές δεν θα γίνουν δεκτές.

Επιβάρυνση ακύρωσης εγγραφής : Έως 25 Σεπτεμβρίου 2003 παρακρατείται το 25%. Μετά την 25 Σεπτεμβρίου 2003, παρακρατείται το 50%.

Ασφάλιση : Για τις εκδρομές και τις επισκέψεις στα σπήλαια μπορούν όσοι από τους συμμετέχοντες επιθυμούν να ασφαλισθούν.

Διαμονή / Ξενοδοχεία : Πληροφορίες σε λίγες μέρες

Προτεινόμενες εκδρομές : (αναλόγως του αριθμού συμμετεχόντων)

1. Επισκέψεις σε σπήλαια της Πελοποννήσου (Δυρού, Λιμνών και άλλα)
2. Επισκέψεις σε σπήλαια της Κεντρικής Ελλάδος (Θεόπετρας Τρικάλων και άλλα)
3. Επισκέψεις σε σπήλαια της Μακεδονίας, (Κιλκίς, Αλιστράτης Σερρών και άλλα)

ΟΡΓΑΝΩΤΙΚΗ ΕΠΙΤΡΟΠΗ 14ΟΥ ΠΑΓΚΟΣΜΙΟΥ ΣΥΝΕΔΡΙΟΥ ΣΠΗΛΑΙΟΛΟΓΙΑΣ	
Πρόεδρος:	Δρ Πέτρος ΘΕΜΕΛΗΣ , Καθηγητής Αρχαιολογίας, Πανεπιστήμιο Κρήτης, Πρώην Δ/ντής Εφορείας Παλαιανθρωπολογίας και Σπηλαιολογίας, Υπουργείο Πολιτισμού. Πρόεδρος Εταιρείας Μεσσηνιακών Σπουδών.
Α Αντιπρόεδρος:	Δρ Ηλίας ΜΑΡΙΟΛΑΚΟΣ , Ομότιμος Καθηγητής Γεωλογίας, Πανεπιστήμιο Αθηνών, Πρόεδρος της Ελληνικής Γεωλογικής Εταιρείας, Μέλος του Κεντρικού Αρχαιολογικού Συμβουλίου, Υπουργείο Πολιτισμού, Αντεπιστ. Μέλος Ρωσικής Ακαδημίας Φυσικών Επιστημών
Β Αντιπρόεδρος:	Δρ Αθηνά ΖΑΜΑΝΗ , Ομότιμη Καθηγήτρια Γεωγραφίας, Πανεπιστήμιο Αθηνών, Πρόεδρος της Ελληνικής Γεωγραφικής Εταιρείας
Γενικός Γραμματέας:	Χρήστος ΠΕΤΡΕΑΣ , Οικονομολόγος, Σύμβουλος Τουριστικής Ανάπτυξης, Καθ. Τουριστικού Σχεδιασμού και Ανάπτυξης, Πανεπιστήμιο Hertfordshire και I.S.T., Αντιπρόεδρος Ελληνικής Σπηλαιολογικής Εταιρείας
Ταμίας:	Ευάγγελος ΤΣΙΜΠΑΝΗΣ , Μαθηματικός, Εκπαιδευτικός, Γεν. Γραμματέας Ελληνικής Σπηλαιολογικής Εταιρείας
Μέλη:	Δρ Γεώργιος ΑΝΤΩΝΟΠΟΥΛΟΣ , Ιατρός, Δ/ντής Γυναικολογικού Τμήματος Ογκολογικού Νοσοκομείου Ι.Κ.Α., Πρόεδρος της Ελληνικής Σπηλαιολογικής Εταιρείας Κωνσταντίνος ΖΟΥΠΗΣ , Πρόεδρος της Σπηλαιολογικής Ομοσπονδίας Ελλάδος, Αντιπρόεδρος της Βαλκανικής Σπηλαιολογικής Ένωσης Ιάκωβος ΚΑΡΑΚΩΣΤΑΝΟΓΛΟΥ , Φυσικός - Εκπαιδευτικός, Ειδικός Γραμματέας της Σπηλαιολογικής Ομοσπονδίας Ελλάδος Δρ Νικόλαος ΣΥΜΕΩΝΙΔΗΣ , Ομότιμος

	Καθηγητής Παλαιοντολογίας, Πανεπιστήμιο Αθηνών, Πρώην Πρόεδρος της Ελληνικής Σπηλαιολογικής Εταιρείας, Πρόεδρος της Επιστημονικής Επιτροπής. Ex officio: Σταυρούλα ΣΑΜΑΡΤΖΙΔΟΥ , Αρχαιολόγος, Διευθύντρια Εφορείας Παλαιοανθρωπολογίας και Σπηλαιολογίας
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ΔΙΕΘΝΗΣ ΕΠΙΤΡΟΠΗ ΤΗΣ U.I.S.
Prof. Dr. Jose Ayrton LABEGALINI (Πρόεδρος U.I.S), Βραζιλία
Prof. Dr. Pavel BOSAK (Γεν.Γραμματέας U.I.S), Τσεχία
Prof. Dr. Arrigo CIGNA (πρώην Πρόεδρος U.I.S), Ιταλία
Prof. Dr. Derek FORD (πρώην Πρόεδρος U.I.S), Καναδάς
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Prof. Dr. David HUBBARD (Πρόεδρος της Επιτροπής Αρχαιολογίας-Παλαιοντολογίας της U.I.S), Η.Π.Α.

ΤΙΜΗΤΙΚΗ ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΠΙΤΡΟΠΗ του 3^{ου} Συμποσίου
Δρ. Βιβή ΒΑΣΙΛΟΠΟΥΛΟΥ*+ (Ελλάδα)
Καθ. Δρ. Μιχαήλ ΔΕΡΜΙΤΖΑΚΗΣ* (Ελλάδα)
Em. Prof. Dr Paul FAURE, France
Prof. T. W. JACOBSEN (Η.Π.Α.)
Δρ. Λάζαρος ΚΟΛΩΝΑΣ (Ελλάδα)
Καθ. Δρ. Νικόλαος ΞΥΡΟΤΥΡΗΣ* (Ελλάδα)
Δρ. Καλούστ ΠΑΡΑΓΚΑΜΙΑΝ* (Ελλάδα)
Prof. Dr. C. PERLES (Γαλλία)
Prof. Dr. G. RABEDER (Αυστρία)
Dr. Robert SEEMANN (Αυστρία)
Prof. Dr. A. SIMMONS (Η.Π.Α.)
Dr. W. SIMOES (Βραζιλία)
Prof. J. M. WICKENS (Η.Π.Α.)

ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΠΙΤΡΟΠΗ ΑΡΧΑΙΟΛΟΓΙΑΣ του 3^{ου} Συμποσίου
Πρόεδρος Καθηγ. Δρ. Πέτρος ΘΕΜΕΛΗΣ
Αικατερίνη ΔΕΛΑΠΟΡΤΑ
Χαρίκλεια ΔΕΛΗΓΙΩΡΓΗ
Νικ.ΒΑΛΑΚΟΥ-ΔΙΒΑΡΗ
Καθ.Δρ. Κωνσταντίνος ΖΑΧΟΣ
Χρυσάνθη ΚΟΝΤΑΞΗ*+
Καθ.Δρ. Γεώργιος ΚΟΡΡΕΣ*
Δρ. Μαργαρίτα ΚΟΥΜΟΥΖΕΛΗ+

Δρ Νίνα ΚΥΠΑΡΙΣΣΗ*
Αν. Καθ. Δρ. Κωνσταντίνος ΚΩΤΣΑΚΗΣ
Καθ.Δρ. Βασίλης ΛΑΜΠΡΙΝΟΥΔΑΚΗΣ
Επ.Καθ.Δρ. Γιάννος ΛΩΛΟΣ
Ομ.Καθ.Δρ. Χρήστος ΝΤΟΥΜΑΣ
Δρ.Ελένη ΠΑΝΑΓΟΠΟΥΛΟΥ+
Δρ.Γεώργιος ΠΑΠΑΘΑΝΑΣΟΠΟΥΛΟΣ
Σταυρούλα ΣΑΜΑΡΤΖΙΔΟΥ+
Μ.Α.. Ελένη ΣΤΡΑΒΟΠΟΔΗ+
Δρ.Αικατερίνη ΤΡΑΝΤΑΛΙΔΟΥ*+
Δρ.Λάζαρος ΧΑΤΖΗΛΑΖΑΡΙΔΗΣ*
Μιράντα ΧΑΤΖΙΩΤΟΥ+
Καθ. Δρ. Γεώργιος ΧΟΥΡΜΟΥΖΙΑΔΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΠΙΤΡΟΠΗ ΓΕΩΛΟΓΙΑΣ ΚΑΙ ΠΑΛΑΙΟΝΤΟΛΟΓΙΑΣ του 3^{ου} Συμποσίου	
Πρόεδρος	Ομότ.Καθηγ. Δρ.Νικόλαος ΣΥΜΕΩΝΙΔΗΣ*
Δρ. Αθανάσιος ΑΘΑΝΑΣΙΟΥ*+	
Δρ. Βασίλειος ΓΙΑΝΝΟΠΟΥΛΟΣ*+	
Καθ. Δρ.Ελευθέριος ΒΑΒΛΙΑΚΗΣ*	
Καθ. Δρ. Ευάγγελος . ΒΕΛΙΤΖΕΛΟΣ*	
Καθ. Δρ. Ευφροσύνη ΓΕΩΡΓΙΑΔΟΥ-ΔΙΚΑΙΟΥΔΙΑ*	
Καθ. Δρ. Αναστασία ΜΑΡΚΟΠΟΥΛΟΥ-ΔΙΑΚΑΝΤΩΝΗ*	
Ομ. Καθ. Δρ Αθηνά ΖΑΜΑΝΗ	
Αν. Καθ. Δρ. Α. ΖΑΜΠΕΤΑΚΗ-ΛΕΚΚΑ	
Ομ. Καθ. Δρ. Κωνσταντίνος ΖΑΦΕΙΡΑΤΟΣ*	
Καθ. Δρ. Γεώργιος ΚΟΥΦΟΣ*	
Ομ. Καθ. Δρ. Ηλίας ΜΑΡΙΟΛΑΚΟΣ*	
Δρ Κωνσταντίνος Μερδενισιάνος	
Επ. Καθ. Δρ. Αντώνιος ΜΠΑΡΤΣΙΩΚΑΣ*	
Ερευν. Β΄ Δρ. Δρ Ιωάννης ΜΠΑΣΙΑΚΟΣ*	
Καθ. Δρ. Σταύρος ΠΑΠΑΜΑΡΙΝΟΠΟΥΛΟΣ*	
Λεκτ .Δρ. Μαρία ΤΡΙΑΝΤΑΦΥΛΛΟΥ*	
Επ. Καθ. Δρ. Ευαγγελία ΤΣΟΥΚΑΛΑ*	

- Με αστερίσκο (*) σημειώνονται όσοι είναι μέλη της Ελληνικής Σπηλαιολογικής Εταιρείας.
- Με σταυρό (+) σημειώνονται τα στελέχη της Εφορείας Παλαιοανθρωπολογίας – Σπηλαιολογίας

Πληροφορίες - Αλληλογραφία
Γραμματεία της Οργανωτικής Επιτροπής
ΕΛΛΗΝΙΚΗ ΣΠΗΛΑΙΟΛΟΓΙΚΗ ΕΤΑΙΡΕΙΑ,
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3^ο ΣΥΜΠΟΣΙΟ ΑΡΧΑΙΟΛΟΓΙΑΣ & ΠΑΛΑΙΟΝΤΟΛΟΓΙΑΣ ΣΠΗΛΑΙΩΝ

Αθήνα, 17 – 19 Οκτωβρίου 2003

ΑΙΤΗΣΗ ΕΓΓΡΑΦΗΣ				
Επώνυμο:		Όνομα:		
Τίτλος:		Άρρεν	Θήλυ	
Οργανισμός:				
Ιστοσελίδα Οργανισμού μου:				
Διεύθυνση:		Πόλη:	Ταχ.Κωδ.:	
Χώρα:	Τηλ.	Φαξ:		
Ηλεκ/νική Δ/νση:				
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Θα ήθελα να παρουσιάσω μία εργασία με τίτλο:</div>				
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Θα ήθελα να παρουσιάσω μία αναρτημένη ανακοίνωση με τίτλο:</div>				
Δεν έχω αντίρρηση εάν κρατήσετε τα παραπάνω προσωπικά στοιχεία στο αρχείο δεδομένων του Συμποσίου		Υπογραφή:		
		Ημ/νία:		

MEETING OF THE SOCIETY FOR THE HISTORY OF ALCHEMY AND CHEMISTRY AND THE SOCIETY FOR THE HISTORY OF MEDIEVAL TECHNOLOGY AND SCIENCE

**11 October 2003, The Science Museum Library
South Kensington, London**

On 11 October 2003 at 10.45, A joint meeting of the Society for the History of Alchemy and Chemistry and the Society for the History of Medieval Technology and Science will be held on **Early Metallurgy**, in the Conference Room, The Science Museum Library; South Kensington, London.

The entrance to the Library is in Imperial College Road, off Exhibition Road. The nearest underground stations are South Kensington and Gloucester Road.

The conference fee is £10. The registration form can be found on:

www.open.ac.uk/ambix/1110-register.htm

10.45 Coffee and Introduction

11.00 Dr Paul Craddock (Department of Scientific Research, British Museum): 'Metal Distillation in the Medieval Period, an Early Application of Science to Industry.'

12.00 Dr Barrie Cook (Curator of Late Medieval, Early Modern and Modern Coins (to 1800) British Museum): 'Crime Against Currency in 12th and 13th Century England. Counterfeiting of the Coinage.'

1.00 Lunch

2.30 Dr Alan Williams (University of Reading): 'The Creation of the Suit of Armour in Italy in the 14th Century.'

3.30 Tru Helms (Independent Researcher): 'Document Based Speculations on Italian Bronze Casting Technology.'

The meeting will close at 4.30pm.

A special (optional) conference lunch has been organised by the Society for the History of Medieval Technology and Science at the Polish Hearth Club, 55 Exhibition Road, which is opposite the main entrance to Imperial College. The cost of the two course lunch is £10 per person, including service. Drinks are extra and can be purchased on the day. If you wish to attend the lunch please send a cheque payable to SHMTS and return it to G. M. Helms, 26 Maida Avenue, London W2 1ST before 3 October 2003. A vegetarian option is also available on request.

CANADIAN INSTITUTE AUTUMN LECTURE PROGRAMME

The Canadian Archaeological Institute at Athens invites you to its lecture programme for autumn 2003

Dr. Malcolm B. Wallace
(Associate Professor, Department of Classics, University of Toronto)
“Euboian Revolt and Athenian Response, 446 BCE”
Wednesday, 15 October

Dr. Judith Fletcher
(Associate Professor, Department of Archaeology and Classical Studies,
Wilfrid Laurier University)
“Women’s Oaths in Aristophanes”
Wednesday, 5 November

Dr. Nigel M. Kennell
(Former Director, CAIA)
“The Ephebate and the Origins of Athenian Democracy”
Wednesday, 26 November

lectures will take place in the library of the Canadian Institute Dionysiou Aiginou 7,
Ilisia (3rd floor). Time: 7.30 pm

refreshments

CANADIAN ARCHAEOLOGICAL INSTITUTE AT ATHENS
INSTITUT CANADIEN D' ARCHEOLOGIE A ATHENES

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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

12TH INTERNATIONAL MEETING ON **SOIL MICROMORPHOLOGY**

Dear Colleagues,

Please find below the homepage of the 12th International Meeting on Soil Micromorphology organised by the Departments of Archaeometry, Ceramics, Soil Sciences and Geological Engineering of the University of Cukurova, to be held in Adana, Turkey, in September 20-26 2004. Hope to have your contributions. Best wishes for the new year.

<http://ziraat.cu.edu.tr/imm/>

Selim Kapur
Secretary of the meeting
Prof. Dr. Selim Kapur
Departments of Soil Science and Archaeometry
University of Cukurova,
Balcali, 01330, Adana -Turkey
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tel. : +90 322 338 60 84-89 / 2220_2692
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GSM: +0 533 644 80 30



PIXE2004

Second Announcement

Dear colleagues,

The 10th International Conference on Particle Induced X-ray Emission and its Analytical Applications (PIXE2004) will take place in Portoroz, Slovenia, June 4 - 8, 2004. Please, find full details about the Conference on its home page: <http://pixe2004.ijs.si/>

Please, take into account the important dates of the PIXE2004 Conference:

- February 6, 2004 : Deadline for abstracts
- March 26, 2004 : Notice of acceptance
- April 30, 2004 : Early registration
- May 7, 2004 : Final Programme
- May 28, 2004 : Conference papers manuscripts
- July 9, 2004 : XRS manuscripts.

Looking forward to meeting you in Slovenia next year,

Yours Sincerely,

Milos Budnar
PIXE2004 Conference Chair

Contact information :
Mr. M. Kavcic, Conference Secretary
Jozef Stefan Institute
p.p. 3000
SI-1001 Ljubljana
SLOVENIA
Phone: + 386 1 588 5266
Fax: + 386 1 561 2276
e-mail: pixe2004@ijs.si



WORKSHOP AIR POLLUTION AND CULTURAL HERITAGE

**December 1-3, 2003, Chapter Hall
Cathedral of Seville, Spain**

**Caramel, EC Project - EVK4-CT-2000-00029
Cabildo - Catedral de Sevilla - Spanish CSIC Network of Cultural Heritage**

Workshop topics

Effect of traffic on monuments
Black crust analysis
Atmospheric soot particles
Soiling rate of monuments
Aesthetic impact of soot deposits
Cleaning of façades

Who should attend

Scientists, engineers, and architects concerned with the effect of air pollution on monuments
Curators, conservators, restorers, heritage managers and urban planners
SMEs, manufacturers and suppliers of products and equipments for monument cleaning

Support

The CAMEL-project (EVK4-CT-2000-00029) is supported by the European Commission under the Fifth Framework Programme, contributing to the implementation of the Key Action “The City of Tomorrow and Cultural Heritage” within the programme “Energy, Environment and Sustainable Development”. Complementary funding is provided by the Spanish CSIC Network of Cultural Heritage (Spanish Scientific Research Council)

Organisation of the Workshop

The Workshop is organised by the Cabildo Catedral, Sevilla, the CAMEL-team: Centre National de la Recherche Scientifique (CNRS-LSCE), Consiglio Nazionale delle Ricerche (CNR-ISAC), Consejo Superior de Investigaciones Científicas (CSIC-IRNAS) and University of East Anglia, and the Spanish CSIC Network of Cultural Heritage

Language

The language of the Workshop is English. Only the Round Table “Effect of traffic on monuments”, scheduled for 3rd December 2003, will have simultaneous Spanish-English translation

Registration

Please, send back the application form to the local organiser before 1st September 2003. Congress participation is limited to 75 delegates, which is the maximum

capacity of the Chapter Hall, a remarkable example of the Spanish Renaissance architecture (1558-1592).

The registration fee is 175 €; it includes the evening activity of 1 December 2003, coffee breaks, the dinner on 2nd December 2003, and workshop documents including abstract book and programme. Although registration should be made well in advance, payment must be made on-site. No bank cheques, bank transfers nor credit cards are accepted, therefore, participants are kindly requested to pay cash. Accompanying persons wishing to attend the social activities on 1st and 2nd December 2003 should pay a registration fee of 75 €.

Accommodation

Information on accommodation will only be sent to participants registered. This will be found in the second circular to be distributed mid October 2003

Publications

The organisation intends to publish the communications (oral and posters) either in a special issue of an international journal or in a book. If a book is printed, it will be distributed to the registered participants free of charge.

Organisation of the workshop

Local organising committee

Prof. Cesareo Saiz-Jimenez

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CARAMEL coordination

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**EUROPEAN COMMISSION WORKSHOP ON AIR POLLUTION AND
CULTURAL HERITAGE**

Seville, 1-3 December 2003
Registration form and call for papers

Name	
Surname	
Address	
City	
Postal Code	
Country	
Telephone	
Fax	
e-mail	
Title of Tentative Communication	

Important dates:

Deadline for preliminary registration: 1 September 2003

Deadline for registration and abstract: 15 October 2003

Deadline for full papers (publication): 1 December 2003

Send this registration form by e-mail to coalition@irnase.csic.es



GOING OVER OLD GROUND: PERSPECTIVES ON ARCHAEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL SURVEY IN SCOTLAND

Glasgow, August 28-30, 2003

Programme

Thursday 28th August

0900-0930: Registration and coffee

0930-0950: Welcome: Bill Hanson

Session 1: Surveys and Results

0950-1010: *The Scottish Geophysical Survey Database Project* Christine Rennie, Department of Archaeology, University of Glasgow

1010-1030: *Recent geophysical surveys at Roman sites in central Scotland* Richard Jones, Department of Archaeology, University of Glasgow; Alan Leslie, Glasgow University Archaeological Research Division; Paul Johnson, Northern Archaeology Associates

1030-1050: *Magnetic Stones - an investigation of the recumbent stone circle at Rothiemay, Banffshire* Arnold Aspinall, Department of Archaeological Sciences, University of Bradford

1050-1110: *Geophysical prospection in the peatlands of Caithness* Louise McAllan, Department of Archaeology, University of Glasgow

1110-1130: *Geophysical Surveys at an Industrial Archaeological site in Fife* Richard Bates, Department of Geosciences, University of St Andrews; M Duff, Dundee University

Coffee and Posters

1145-1205: *Geomagnetic surveys over cropmarks in the environs of Traprain Law, East Lothian* Duncan Hale, Archaeological Services, University of Durham; Colin Haselgrove, Department of Archaeology, University of Durham; Leon Fitts, Department of Classical Studies, Dickinson College, Pennsylvania, USA.

1205-1225: *Geophysical surveys in Scottish waters - and beyond* Martin Dean, Archaeological Diving Unit, University of St Andrews

1225-1245: *M74 survey* Iain Banks, Glasgow University Archaeological Research Division

Lunch

Session 2: Integrated surveys, Geochemical surveys.

- 1400-1420: *Testing multi-spectral airborne remote sensing for detecting archaeological sites in the Hebrides* Sandy Winterbottom, School of Biological and Environmental Sciences, University of Stirling; Tom Dawson, AHRB Research Centre for Environmental History, University of St Andrews
- 1420-1440: *Coastal Evolution: Can GPR and Archaeology help?* A Rennie and J Hanson, Department of Geography and Geomatics, University of Glasgow
- 1440-1500: *Using geostatistics to interpret land-use history in the Hebrides, Scotland, through the multi-elemental analysis of soils.* Jane Entwistle, School of Applied Sciences, Northumbria University, Newcastle upon Tyne; K J W McCaffrey, Department of Geological Sciences, University of Durham; R A Dodgshon, Institute of Geography and Earth Sciences, University of Wales, Aberystwyth.

Tea and Posters

- 1530-1550: *Multi-element soil analysis as an aid to archaeological interpretation* Clare Wilson, School of Biological and Environmental Sciences, University of Stirling; Donald Davidson, School of Biological and Environmental Science, University of Stirling; M S Cresser, Environment Department, University of York
- 1550-1610: *The pollution of Hirta, St Kilda* Andy Meharg, Department of Plant and Soil Science, University of Aberdeen
- 1610-1630: *Digging in the dark? Modelling deep alluvia to guide excavation strategies* David Jordan, Terra Nova Ltd; L Catt, Terra Nova Ltd; M Kilner, S Truss and J West, Department of Earth Sciences, University of Leeds
- 1630-1700: Summary and announcements
- 1900-2100: Civic Reception, the Picture Gallery, Glasgow City Chambers

Friday 29 August

Session 3: Successes and failures; Regional differences

- 0900-0920: *Geophysics in Wigtownshire, South-west Scotland* Tessa Poller, Department of Archaeology, University of Glasgow
- 0920-0950: *The Upper Clyde Valley: Success?* Lorna Sharpe, Department of Archaeology, University of Glasgow
- 0950-1010: *Sinking into Old Ground - GPR survey for Wetland Archaeology* Erica Utsi, Utsi Electronics, Ely, Cambs
- 1010-1030: *Geophysical Survey below peat deposits?* Adrian Challands, Helpston, Cambs

Coffee and Posters

1115-1245: *Round table discussion: The successes and failures of survey* Chair: Arnold Aspinall.

Lunch

Session 4: Databases, archives, end-users.

- 1400-1420: *Beyond pretty pictures: archiving geophysical data for later re-use* Armin Schmidt, Department of Archaeological Sciences, University of Bradford
- 1420-1450: *A preservation strategy for geophysical survey information in Scotland* Peter McKeague, Royal Commission on the Ancient and Historical Monuments of Scotland, Edinburgh
- 1450-1510: *Geophysics: an Archaeological Unit Manager's View* Alan Leslie, Glasgow University Archaeological Research Division
- 1510-1530: *TBC*

Tea and Posters

1615-1730: *Round table discussion: Databases, archives and end users* Chair: Patrick Ashmore, Historic Scotland.

1900 Conference dinner

Saturday 30 August

Session 5: Future directions, work in progress, surveys and results.

- 0930-0950: *Resistivity profiling at Mull of Galloway, Capo (Caithness Broch project)* Tim Neighbour, CFA.
- 0950-1010: *Birsay and Skail: landscape survey 2003* Dr David Griffiths, University of Oxford, with A. E. Johnson.
- 1010-1030: *Inside the mound: resistivity pseudosections of the Scatness Iron-age Broch, Shetland* Armin Schmidt, Tim Sutherland and Steve Dockrill, Department of Archaeological Sciences, University of Bradford

Coffee

- 1100-1120: *Preliminary Results from a Multi-Platform Remote sensing Campaign: Airigh Ghuaidhre, Islay* Dr Gary McKay, Feolin Research Centre, Feolin Ferry House, Isle of Jura, Argyll
- 1120-1140: *A few Scottish soils and sites* David Jordan, Terra Nova Ltd
- 1140-1200: *Geochemical survey and metalworking: a geochemical methodology to understand past metallurgical activity* Christopher Carey, University of Exeter; Ross Dean, Substrata Geophysics
- 1200-1230: *Conference close, thanks and summary.*
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Poster Presentations:

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| GSB Prospection & Orkney
Archaeological Trust | <i>Geophysical Survey at the Orkney World Heritage
Site</i>
<i>Mine Howe - Geophysics and Excavation</i> |
| Roger Walker, Geoscan Research
Ltd | <i>Prospection with the new FM256 Fluxgate
Gradiometer System</i> |
| Dan Kellogg, Glasgow University
Archaeology Department | <i>Geophysical Survey at Dunkeld, Perthshire</i> |
| David Connolly, Addyman
Associates; Lorna Sharpe, Glasgow
University Archaeology Department | <i>Topographic and Geophysical Survey at Kerrera,
Argyll</i> |
| Adrian Challands; Richard Jones,
Glasgow University Archaeology
Department | <i>Geophysical and geochemical survey at
Crossiecrown Neolithic settlement, Orkney</i> |
| Iain Banks, Glasgow University
Archaeological Research Division;
Effie Photos-Jones, Scottish
Analytical Services for Art &
Archaeology; John Atkinson ,
Glasgow University Archaeological
Research Division | Investigating the bloomery mounds of the
Scottish Highlands: the role of geophysics |
| Kirsty Millikan, Glasgow University
Archaeology Department | Geophysical survey at the Medieval pottery
production site of Colstoun, E Lothian |
| Lorna Sharpe and Nyree Finlay,
Glasgow University Archaeology
Department | <i>Geophysical evaluation of Mesolithic sites and
lithic scatters</i> |
| Chris Nelson, Glasgow University
Archaeology Department | <i>West Linsaylands and Brownsbank: two
geophysical surveys in the Upper Clyde Valley,
Lanarkshire</i> |
| Ian Mathieson, Edinburgh | <i>Recent Geophysical work in Egypt</i> |
| Donna McGuire, Glasgow
University Archaeology
Department. | <i>A Process of Discovery: an archaeological remote
sensing survey of the Island of Holm of Papa
Westray, Orkney, summer of 2000</i> |
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ΘΕΣΕΙΣ ΕΡΓΑΣΙΑΣ/ΥΠΟΤΡΟΦΙΕΣ –
JOB VACANCIES/FELLOWSHIPS

PH.D. STUDENTSHIP IN
ARCHAEOLOGY

Faience workshops of Fribourg, 18th century

An assistant position in view to obtain the PhD degree is available at the Department of Geosciences, Mineralogy and Petrography, University of Fribourg, Switzerland.

The successful applicant will study the faience production of the 18th century workshops of Fribourg, i.e. local clays, technical ceramics, kiln materials, production residues and museum objects from Switzerland and Europe. Methods to be used: Optical microscopy, XRD, Hg-porosimetry, XRF, SEM, Microprobe, Pb-isotope analyses. The objectives are: (1) The mineralogical, petrographical, chemical and technological characterisation of the faience (ceramic bodies and glazes), (2) Provenance of the body and glaze raw materials as well as of the glaze pigments (3) Comparison with other faience products from Switzerland and abroad (4) Reconstruction of the ancient technique. The ideal candidate should have good experience in Earth sciences.

The gross salary will be 32'280 CHF/year (before taxes etc.). Starting date: October 1, 2003 (or later). Funding of the PhD position by the SNF is guaranteed for two years. There is the possibility of funding for another year. Applications (curriculum vitae, copy of education documents, a brief statement of research experience and the addresses of two referees) should be sent as soon as possible to Prof. Marino Maggetti, Department of Geosciences, Mineralogy and Petrography, University of Fribourg, Pérolles, CH-1700 Fribourg/Switzerland. Phone: +41 26 300 89 30/20, Fax: +41 26 300 97 65, mail: marino.maggetti@unifr.ch. Homepage: www.unifr.ch/geosciences/mineralogie.

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JOB ANNOUNCEMENT, DEPARTMENT OF ANTHROPOLOGY, WASHINGTON STATE UNIVERSITY

Pending budgetary approval, Department of Anthropology, Washington State University, seeks a scientist to fill an archaeology position with a geoarchaeological focus for a tenure-track assistant professor position beginning August 16, 2004. Ph.D. in Anthropology or closely related field completed by May 2004, a specialty in geoarchaeology with a demonstrated record of excellence in teaching and active program in research; training and experience adequate to enable successful teaching and to serve on graduate student committees. WSU is an EEO/AA educator and employer. Protected group members encouraged to apply. Send letter of interest, names of 3-5 references (with current phone numbers and email addresses), and curriculum vitae by November 14 to: Robert E. Ackerman, Chair, Geoarchaeology Search, Department of Anthropology, P.O. Box 644910, WSU, Pullman, WA 99164-4910. (ackermanr@wsu.edu)

POSITION: ARCHAEOLOGICAL INSTITUTE OF AMERICA EXECUTIVE DIRECTOR

The Archaeological Institute of America (<http://www.archaeological.org>), headquartered at Boston University, is North America's oldest and largest organization devoted to the world of archaeology. With almost 9,000 members and 102 local societies, the AIA, a not-for-profit 501 (c) (3) corporation, endeavors to educate and inform the public about archaeological matters, supports research, fosters professionalism, and advocates the preservation of the world's archaeological heritage. The staff is approximately 31, evenly divided between Boston and New York (where Archaeology, circulation 230,000, is published), and the budget is \$6.5 million. The executive director is empowered to provide leadership in all aspects of the Institute's operations. While knowledge of archaeology is an advantage, it is not a requirement.

Applications and nominations should be sent to:

Malcolm MacKay
Managing Director
Russell Reynolds Associates, Inc.
200 Park Avenue, 23rd floor
New York, New York 10166
mmackay@russellreynolds.com

The AIA is an equal opportunity employer. Women and minority group members are encouraged to apply.



RESEARCH AWARDS FOR GRADUATE STUDENTS IN ARCHAEOLOGY

Laboratory for Archaeological Chemistry University of Wisconsin-Madison

The Laboratory for Archaeological Chemistry at the University of Wisconsin-Madison has an annual program of research award grants to graduate students in archaeology programs around the world. The lab staff strongly believes that major discoveries in archaeology in future years will come from laboratory investigations. In that light, the training of graduate students in analytical methods and their application is essential. This award is intended to further those goals. The awards are offered to support and encourage the application of chemical analyses in solving archaeological problems.

The Laboratory for Archaeological Chemistry has been involved in the study of questions of archaeological interest for many years. The primary focus of research in the laboratory is on the characterization of prehistoric bone, soils, and pottery. A variety of other materials including stone, dyes, organic residues, metals and glass are also investigated in the laboratory. Instrumentation in the lab includes a (1) Inductively Coupled Plasma Atomic Emission Spectrometer for the rapid elemental characterization of a variety of materials with a resolution in parts per million, and (2) Finnigan Element Inductively Coupled Plasma High-Resolution Mass Spectrometer for isotopic and elemental characterization of many materials. This instrument incorporates laser ablation as a sample introduction technique appropriate for solids and for small or fragile samples. In addition the lab has access to a variety of other instrumentation and equipment on campus that is often used in our research.

Application: Applications for the award should contain (1) a three-page letter from the applicant containing the specifics of the research and the analyses involved, (2) a curriculum vitae of the applicant, (3) a tentative table of contents for the dissertation, and (4) a letter of recommendation from the major advisor. The letter of application should contain detailed information on the research project, the kinds of analyses involved, the number of samples and analyses required, availability of samples with letter(s) of permission if appropriate, and a discussion of the importance of the analysis to the proposed research. This letter should also provide a timetable for research and completion of project. Discussions with the lab staff are recommended prior to application to ensure that the project meets award criteria and employs services available in the Laboratory for Archaeological Chemistry. There is no form for applications.

Criteria for Award: The award will be made by the staff of the Laboratory for Archaeological Chemistry and major criteria for selection will be the significance of the research question, feasibility of the project, and impact on the student and the field.

Deadline: 1 January for awards beginning in 1 September of the same year.

Award: One award will be made each year consisting of analytical services involving elemental or isotopic measurements available with Laboratory for Archaeological

Chemistry instrumentation. The lab strongly encourages students to participate directly in the analysis in order to learn and understand the methods employed.

Announcement: The award will be announced on 15 March each year. Awards should be appropriately acknowledged in any dissemination of results of the analyses and copies of resulting publications should be provided to the Laboratory for our files

Contact: Questions and Applications should be addressed to T. Douglas Price or James H. Burton, Laboratory for Archaeological Chemistry, University of Wisconsin-Madison, 1180 Observatory Drive, Madison WI 53706 USA. Phone: 608-262-2575 (tdp), 608-262-0367 (jhb), 608-265-4216 (fax). Email: tdprice@facstaff.wisc.edu or jhburton@facstaff.wisc.edu. For further information on the Laboratory for Archaeological Chemistry, please see our web site at www.wisc.edu/larch/aclab/larch.htm.

NEW POSITION IN ARCHAEOLOGICAL SCIENCE, UQ AUSTRALIA

The School of Social Science, University of Queensland, Brisbane, Australia has just posted an advertisement on its website for a Lecturer/ Senior Lecturer in the Archaeology program. In addition to archaeology, the position includes experience in archaeological science.

Details can be found at the University website

<http://www.uq.edu.au/staff/vacancies/index.html>

and navigate through 3 or 4 pages or go directly to:

<http://www.seek.com.au/users/viewdetails.asp?Action=jobsearch&JobListAction=ViewOneAd&JobSearch=true&AdID=2957634>

Thomas H. Loy (PhD) (t.loy@imb.uq.edu.au) <http://www.dna7.org>
School of Social Science: Anthropology, Archaeology, Sociology, Criminology
School of Biomedical Science (Adjunct)
Archaeometry Group ACQUIRE
Research Associate: Institute for Molecular Bioscience
The University of Queensland
Archaeological Sciences Laboratories
Molecular Archaeology and Residues Services MARS/UQASU
Mobile: (+61) 0416 082 939 Office: (+61) 7 3365 4483
Molecular Archaeology Lab: (+61) 7 3365 7252
Archaeological Science Lab (+61) 7 3365 2326
Fax +61 7 3365 1544



ΑΝΑΚΟΙΝΩΣΕΙΣ - ANNOUNCEMENTS

2004 AIA ARCHAEOLOGICAL FIELDWORK OPPORTUNITIES BULLETIN ONLINE

The AIA Archaeological Fieldwork Opportunities Bulletin Online (<http://www.archaeological.org/webinfo.php?page=10015>; see sidebar for "How to Find Fieldwork")

AFOB on-line was launched just last year, and has grown to become one of the largest online listings of fieldwork opportunities in the world!

Students of archaeology (of all ages) can now locate fieldwork opportunities on-line.

Excavators & Surveyors: Don't miss this opportunity to include your fieldwork project online and in print. We encourage you to submit your project to AFOB Online at www.archaeological.org/webinfo.php?page=10015. Projects must be submitted by November 7th to be included in the print edition.*

We are now preparing the 2004 print edition of the *Archaeological Fieldwork Opportunities Bulletin*--based on AFOB Online listings. *AFOB 2004* will follow the successful pattern established last year, with new sections on finding and choosing the right fieldwork project, what to expect on site, updated and expanded bibliographies, and more.

Please note that preliminary listings are welcome. When your submission is approved and posted on AFOB Online, you will receive a confirmation email with a password allowing you to return to update your listing as details become finalized. Your project will be flagged as preliminary in the print edition, with instructions to check the online listing for updates.

Thanks very much for your support,

Archaeological Institute of America
Publications and New Media

*AIA reserves the right to review all submissions and to publish only those it deems appropriate.

Hardcopy versions of *AFOB 2004* (ISBN 1-931909-10-5; \$19.95/£14.95) can be ordered through David Brown Books in North America (800-791-9354): <http://www.oxbowbooks.com/home.cfm?&&Location=DBBC&CFID=1445868&CFTOKEN=26835867>

Oxbow Books outside North America (+44 [0] 1865 241249):
<http://www.oxbowbooks.com>

FELLOWSHIPS IN JORDAN

ANNOUNCEMENT OF FELLOWSHIPS 2004-2005

THE AMERICAN CENTER OF ORIENTAL RESEARCH (AMMAN)

Deadline for all applications is February 1, 2004

The Kress Fellowship in the Art and Archaeology of Jordan: One or more three- to six-month fellowships for pre-doctoral students completing dissertation research in an art historical topic. History of art is defined to include: art history, archaeology, architectural history, and in some cases classical studies. Applicants must be Ph.D. candidates and U.S. citizens or foreign nationals who have matriculated at U.S. institutions. The maximum award for six months is \$14,000. Subject to funding.

ACOR-CAORC Fellowship: Five or more two- to six-month fellowships for MA and pre-doctoral students. Fields of study include all areas of the humanities and the natural and social sciences. Topics should contribute to scholarship in Near Eastern studies. U.S. citizenship required. Maximum award is \$19,400. Subject to funding.

ACOR-CAORC Post-Graduate Fellowship: Three or more two- to six-month fellowships for post-doctoral scholars and scholars with a terminal degree in their field, pursuing research or publication projects in the natural and social sciences, humanities, and associated disciplines relating to the Near East. U.S. citizenship required. Maximum award is \$25,000. Subject to funding.

National Endowment for the Humanities (NEH) Fellowship: One four-month fellowship for scholars who have a Ph.D. or have completed their professional training. Fields of research include: modern and classical languages, linguistics, literature, history, jurisprudence, philosophy, archaeology, comparative religion, ethics, and the history, criticism, and theory of the arts. Social and political scientists are encouraged to apply. Applicants must be U.S. citizens or foreign nationals living in the U.S. three years immediately preceding the application deadline. The maximum award is \$20,000.

Jennifer C. Groot Fellowship: Two or more awards of \$1,500 each to support beginners in archaeological fieldwork who have been accepted as staff members on archaeological projects with ASOR/CAP affiliation in Jordan. Open to undergraduate and graduate students. U.S. or Canadian citizenship required.

Harrell Family Fellowship: One award of \$1,500 to support a graduate student for participation in an ACOR-approved archaeological research project, which has passed an academic review process. Senior project staff whose expenses are being borne largely by the project are ineligible. Open to enrolled graduate students of any nationality.

Kenneth W. Russell Fellowship: One award of \$1,500 to assist a student, in Jordan or elsewhere, in the fields of archaeology, anthropology, conservation, and related areas. In the 2004-2005 funding cycle this competition is open only to Jordanian citizens.

Pierre and Patricia Bikai Fellowship: One or more awards for one or two months of residency at ACOR during the period of June 1, 2003 through May 31, 2004. Open to graduate students of any nationality participating in an archaeological project or a research project in Jordan. The award includes room and board at ACOR and a monthly stipend of \$400. This fellowship may be combined with the Groot or Harrell fellowships.

CAORC, NEH, Kress, and Bikai Fellows will reside at the ACOR facility in Amman while conducting their research.

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ΝΕΕΣ ΕΚΔΟΣΕΙΣ – NEW PUBLICATIONS

NEW ISSUE OF ARCHAEOLOGIA BULGARICA

Issue VII, 2003/3 of Archaeologia Bulgarica will be printed in a week.

Contents:

Báčvarov, K.: The Birth of a Ritual? The Late Chalcolithic Burial from Pomoštica, Northeast Bulgaria 1-8.

Biernacki, A.: The Ceramic Building Material of the First Italian Legion in Novae (Moesia inferior). The Relationship between Form and Function 9-21.

Kouзов, С.: Bronze Metalwork for Decoration of Toilet Boxes from the Roman Period in the Archaeological Museum of Varna 23-34.

Markov, N./ Peeva, E.: A Gold Adornment Treasure from the Pleven Region in Northern Bulgaria Dated to the First Half of the Fifth Century 35-42.

Boyadjiev, S.: Essai de classification typologique de l'architecture funéraire en Moesie et en Thrace au 2e – 6e siècle 43-76.

Russeva, V.: Mortality Patterns and Life Expectancy in Medieval Skeleton Populations from Bulgaria (VIII-X C AD) 77-84.

Gertcheva, V.: Public Archaeology in Bulgaria. Why, how and who? Reviews 85-89.

Todorova, H./ Vaisov, I.: Der Kupferzeitliche Schmuck Bulgariens. Stuttgart 2001. (Jovanović, B.) 91-93.

Brewer, R. (ed.): Birthday of the Eagle. The Second Augustan Legion and the Roman Military Machine. Cardiff 2002 (Torbatov, S.) 95-98

Best,

L.F.Vagalinski, editor

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