

# Sixth Australasian Archaeometry Conference

## *Australasian Archaeometry: Retrospectives for the New Millennium*

Australian Museum, Sydney  
10–13 February 1997

Sponsored by

Australian Institute of Nuclear Science & Engineering  
Australian Nuclear Science & Technology Organisation  
Australian Museum

### *Co-Chairmen*

Claudio Tuniz, ANSTO  
and Richard Fullagar,  
Australian Museum

### *Conference Manager*

Margaret Lanigan, AINSE

### *Committee*

Colin Murray-Wallace, University of Wollongong; Robin Torrence, Australian Museum; Mike Barbetti, University of Sydney; Ewan Lawson, ANSTO; Daniel Potts, University of Sydney; Roger Gammon, AINSE; Jim Specht, Australian Museum

Preliminary notice is given that the Sixth Australasian Archaeometry Conference will be held at the Australian Museum in Sydney 10–13 February 1997. As this will be the last official meeting on Australasian archaeometry this millennium, the Conference will present an overview of the current status of archaeometry, major achievements, recent advances and applications. For the purposes of this Conference archaeometry is defined in the broadest context, and accordingly, contributions are invited from as wide a field as possible. Student contributions are also encouraged. In addition, the Conference Organizing Committee actively encourages suggestions for additional paper and poster sessions on significant thematic issues. Emphasis will be on the importance of interdisciplinary studies.

The Organizing Committee invites contributions in the form of major reviews of dating methods and other archaeometric techniques, papers summarizing recent advances in the development and application of archaeometric techniques and analysis, and papers addressing specific case studies and themes in which archaeometry has played a vital role, such as:

- Human colonization of Australasia and Oceania
- Extinction in Australasia and Oceania—causes and timing
- Natural resources, production, trade and exchange in a worldwide perspective.

## **Subject Areas**

**Chronology.** Radiocarbon (classical and Accelerator Mass Spectrometry), Thermoluminescence, Optically Stimulated Luminescence, Electron Spin Resonance, Amino Acid Racemization, Uranium-series, and other dating methods.

**Technology.** Metallurgy, stone tools, wood, ceramics, functional analysis including residues and use-wear.

**Characterization.** Chemical, mineralogical, ion beam analysis, mass spectrometry, neutron activation.

**Environment.** Vegetation, soil, food, animals, geomorphology, coastal change.

**Biomedicine.** Paleopathology, DNA studies.

**Climate change.** Dendrochronology and dendroclimatology compared with other techniques.

**Archaeometric analysis in light of technological change.** Has the quality of research questions kept pace with technological advances?

**Forgeries.** Archaeometry to the rescue

**Rock art studies.**

## **Events**

There will be an inspection of facilities at ANSTO on Tuesday 11 February followed by a barbecue luncheon. After lunch there will be a business meeting to consider the organization of the archaeometry community in Australia, national facilities for archaeometry, *etc.* As at previous Australasian Archaeometry Conferences, distinguished overseas visitors will be invited to present public lectures.

**Archaeometric studies of museum objects.** Sessions will be held on Monday 10 February 1997 and Wednesday and Thursday, 12–13 February 1997 at the Australian Museum in Sydney.

## **Accommodations and Travel**

Travel and accommodation subsidies may be available to presenters from AINSE member universities. The official airline for the conference is Ansett Australia. For further information please contact Ansett Australia, telephone 131413, quoting Masterfile Number MC01699.

## **Abstracts**

The second announcement, in early 1996, will feature a call for abstracts.

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Copy and cut along line



**Request for Information**

Name:

Institution:

Address:

Telephone:

Fax:

E-mail:

For a copy of the detailed Second Announcement and Call for Abstracts, please complete this form and return it to:

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