



Australasian Quaternary Association Inc.

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AQUA



2006 AUSTRALASIAN-INTIMATE Meeting
University of Canterbury
Edward Percival Field Station
Kaikoura, South Island
New Zealand
Thurs 30th Nov - Fri 1st Dec , 2006

1st Circular

Conveners – Jamie Shulmeister (University of Canterbury) and Chris Turney (University of Wollongong)

Co-organised through the **Geological Society of New Zealand (GSNZ)** and the **Australasian Quaternary Association (AQUA)**

OBJECTIVES:

The AUSTRALASIAN-INTIMATE Group has been active for the past 3 years. As an Australasian team (with associates from all over the globe) we have made significant progress in working towards a common theme of documenting our climate records and a better understanding of Southern Hemisphere climate variability over the last 30,000 to 8000 years. The major focus of this meeting is to continue our group discussions on topics related to a procedure and format to construct an agreed event stratigraphy and prepare for INQUA 2007. The meeting will also provide an opportunity for INTIMATE related research to be presented to the regional community prior to the INQUA meeting in Cairns. In short, this years meeting will work on bringing the current cycle of this project to fruition at INQUA in Cairns and planning for the next incarnation.

- To discuss and evaluate options for and benefit of an event stratigraphy based on Antarctic ice-core records as a reference template and/or as a benchmarking exercise. (document attached to this meeting announcement)
- To discuss and make recommendations for an initial draft of an Australasian event stratigraphy (this does not necessarily preclude the 'Antarctic' event stratigraphy)
- To plan for Australasian INTIMATE project activity at INQUA Conf, Cairns, August 2007, and to allow individuals the opportunity to dry-run material for INQUA 2007.
- To plan for the future of Australasian INTIMATE after INQUA Conf 2007

LOCATION:

Edward Percival Teaching Laboratories, University of Canterbury, Kaikoura Field Station

SESSION FORMATS:

The INTIMATE meeting is timetabled for 2 days. We propose to conduct the meeting between open discussion sessions with all members present and oral and poster presentation sessions. Participants are invited to submit an Abstract (by Friday 27th October, 2006) for any Australasian-INTIMATE related work they would like to present. This can relate to aspects of event stratigraphies and/or research activity. Abstracts of all presentations will be included in the workshop abstract volume.

We may be able to arrange a short 1 day AQUA meeting (Thurs 29th Nov) to allow participants to both present new results and engage in the INTIMATE meeting.

REGISTRATION:

There is a \$30 registration cost to cover morning/afternoon teas (and possibly a BBQ). An Australasian-INTIMATE workshop abstract report (much like the 2004-INTIMATE Proceedings) will be provided to all participants. Abstracts must be received no later than 4 pm on October 27th, 2006. We prefer that abstracts and registration forms are e-mailed (to: james.shulmeister@canterbury.ac.nz). Upon receipt of the completed registration form an acknowledgement will be sent to the registrant by mail or e-mail.

PROVISIONAL PROGRAMME:

Thursday November 30th, 2006

SESSION I – OVERVIEW OF THE EVENT STRATIGRAPHY PART 1.

- 09.00-09.30 am **AUSTRALASIAN-INTIMATE Welcome and overview**
- 9.30- 11.30 am Discussion and recommendations for an Antarctic ice-core event stratigraphy
- 11.30 -12.30 pm First discussions, ideas and drafts for an Australasian event stratigraphy

12.30 – 1.30 pm Lunch

SESSION II

AUSTRALASIAN INTIMATE RESEARCH

- 1.30 – 5.00 pm Research presentations
- 5.00 – 6.00 pm Poster Session I
- 6.30 pm BBQ TBC*

Friday 1st December, February 2006

SESSION III

AUSTRALASIAN INTIMATE RESEARCH continued

9.00 – 11.00 am Research presentations
11.00-11.30 *Morning Tea*

OVERVIEW OF THE EVENT STRATIGRAPHY PART 1.

11.30- 1.00 pm **Discussion of draft event stratigraphy continued**

1.00-2.00 pm *LUNCH*

2.00-3.00 pm Discussion of draft event stratigraphy

SESSION IV

PLANNING FOR THE FUTURE – Cairns and beyond

3.00-4.00 pm Information session on AUST INTIMATE programme at Cairns
INQUA

4.00 -4.30 pm *Afternoon Tea*

4.00-5.00pm Concluding discussion on future of Australasian INTIMATE

FINANCIAL SUPPORT

The organisers have limited funds to support participation by students and early career scientists. Please indicate on the form if you are a student or early career researcher and would like support. This is a good way to help get students to the AQUA meeting (if it happens) if they are working in a related field!

ACCOMMODATION:

No accommodation has been arranged by the organisers. Kaikoura is a major tourist town and accommodation of all standards from back packers to luxury lodges are available close to the meeting venue.

We will shortly provide www addresses for a variety of accommodation.

FOOD ARRANGEMENTS:

- Morning and afternoon teas will be provided
- A BBQ may be provided – negotiations are under way.

ABSTRACTS

One page abstracts of research relevant to INTIMATE are encouraged for all participants and are required for all theme presentations and posters. Abstracts will be published (A4 black and white reproduction) in an Australasian-INTIMATE Proceedings. Please ensure that your abstract is reviewed internally or by co-authors prior to submission. We prefer that abstracts are sent by e-mail as an attachment (preferably formatted Microsoft Word; plain text if not) to james.shulmeister@canterbury.ac.nz with Australasian-INTIMATE in the subject line. A hardcopy must be posted with the registration form.

All abstracts must be with the conference organisers by October 27th 2006. Please indicate on the registration form if you would like your talk to be included in one of the proposed sessions, or feel free to suggest a session of your own in your e-mail. Poster presentations are encouraged.

Formatting for abstracts should be as follows:

**TEPHROCHRONOLOGY OF LAST TERMINATION SEQUENCES IN EUROPE: A
PROTOCOL FOR IMPROVED ANALYTICAL PRECISION AND ROBUST
CORRELATION PROCEDURES (A JOINT SCOTAV-INTIMATE PROPOSAL)**

Chris S. M. Turney¹, J. John Lowe², Siwan M. Davies², Valerie Hall¹, David J. Lowe³,
Stefan Wastegård⁴, Wim Hoek⁵, Brent Alloway⁶, SCOTAV and INTIMATE members

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The precise sequence of events during the Last Termination (18-9 ka ¹⁴C BP), and the extent to which major environmental changes were synchronous, are difficult to establish using the radiocarbon method because of serious distortions of the radiocarbon timescale, as well as the influence of a range of site-specific errors that can affect the materials dated. Attention has therefore turned to other methods that can provide independent tests of the chronology and correlation of events during ...

Note that:

- Entire abstracts (text and figures) must fit on one A4 portrait page with at least 30 mm margins all around.
- Times New Roman 12 pt font, single line spacing throughout. Title bold capitals, Authors lower-case; presenting author underlined. All other text plain.
- Titles, names and addresses centred; rest of abstract justified flush left and right.
- Add presenting author's e-mail address on a new line after the last author. Blank line after title, before the text body and between paragraphs
- No page number, paragraph indents or footnotes
- White-background diagrams are fine, but use patterns rather than grey-shades
- We reserve the right to edit or reject abstracts not conforming to the above

