Call for Papers

Computing: The Australasian Theory Symposium (CATS'96)

Melbourne, Australia, 29 – 30 January 1996

CATS'96 will be held at The University of Melbourne on 29 and 30 January, 1996, in conjunction with *Seventh Australasian Database Conference* (ADC'96) and *Nineteenth Australasian Computer Science Conference* (ACSC'96). The conference is run under the auspices of the Computer Science Association (Australasia).

Aim and Scope

CATS aims at bringing together computing theorists in the Australasian region. Papers are solicited on all aspects of the theory of computer science, including, but not limited to:

Category theory
Complexity
Concurrency theory
Formal semantics
Logic in computer science
Specification & verification

Algorithms:
- combinatorial algorithms
- distributed algorithms
- geometric algorithms
- graph algorithms
- parallel algorithms

CATS'96 follows on from CATS'94 which was held in Sydney in December 1994. It is hoped that the meeting will have an 'active workshop' atmosphere, with ample time for discussions. Contributions describing work in progress are welcome.

Submission Details

Submitted papers should be no longer than the equivalent of ten pages of 10-point typeface when in two column format (approximately 6000 words). Initial submissions should be single column with wide margins and 1.5 line spacing. Papers must include author names, affiliations, e-mail addresses, an address for correspondence, a 200 word abstract, and 3–6 keywords identifying the subject area.

To be considered, papers must be received by the indicated date. Standard uuencoded PostScript(tm) versions of the papers should be submitted to the e-mail address for submission given opposite. Source files will not be accepted. Authors must ensure that their postscript files can be printed in a standard Unix environment. If receipt has not been acknowledged by 1 September, contact the address for submission.

For final submissions, LaTeXstyle files and MS Word style sheets will be provided at the Melbourne WWW server (see opposite). Authors unable to access or use these style files will be asked to prepare papers of at most ten pages in 10-point, two-column format.

Papers will be judged on originality, significance, correctness, and clarity. The contribution of the paper should be clearly explained in both general and technical terms, and authors should make every effort to ensure that the technical content of their papers is understandable by a broad audience. Submission of a paper should be regarded as an undertaking that, should the paper be accepted, at least one of the authors will attend the conference to present the work.

The Location

Melbourne is a multi-cultural city of about three million people. Melburnians take great pride in their extensive parks and gardens, and in their wide range of restaurants and other entertainment options. The University of Melbourne is on the edge of the central business district, close to one of the major entertainment precincts. The weather in January is typically fine and warm with low humidity, but rain is possible at any time of year.

General Chair

Harald Søndergaard, University of Melbourne

Program Committee Chair

Peter Eades, University of Newcastle

Program Committee

John Crossley, Monash University
Jeremy Gibbons, University of Auckland
Mike Houle, University of Newcastle
Barry Jay, University of Technology, Sydney
Liz Sonenberg, University of Melbourne
John Staples, University of Queensland
C. P. Tsang, University of Western Australia

Local Arrangements

Warwick Harvey, University of Melbourne

General Enquires

`cats96@cs.mu.oz.au`

Information

`http://www.cs.mu.oz.au/conferences96/`

E-mail Address for Submission

`cats96@cs.newcastle.edu.au`
Alternatively send four paper copies to:
CATS'96
Dept. of Computer Science
University of Newcastle
University Drive
Callaghan NSW 2308, Australia

Important Dates

Submission	29 August 1995
Notification	1 November 1995
Final Version	24 November 1995