

## CALL FOR PAPERS

# Third Asia-Pacific Conference on Conceptual Modelling

APCCM 2006 – Hobart, Tasmania, Australia

January 16-19, 2006

<http://apccm.massey.ac.nz/apccm06/>

The Asia-Pacific Conferences on Conceptual Modelling provide an annual forum for disseminating the results of innovative research in information modelling and related areas. The third conference of the series will be held in early 2006 as part of the Australasian Computer Science Week (ACSW 2006), which also includes the following conferences and workshops:

- The Australasian Computer Science Conference (ACSC)
- The Australasian Computing Education Conference (ACE)
- The Australasian Database Conference (ADC)
- Computing: The Australasian Theory Symposium (CATS)
- The Australasian User Interface Conference (AUIC)
- The Australasian Information Security Workshop (AISW)
- Australasian Workshop on Grid Computing and e-Research (AusGrid)

The Australasian Computer Science Week 2006 will be hosted by the School of Computing at the University of Tasmania and will take place at the Wrest Point Casino in Hobart in January, 2006.

Registration to APCCM will enable delegates to attend sessions in any conference participating in the Australasian Computer Science Week.

### SCOPE OF THE CONFERENCE

The amount, complexity and diversity of information held in computer systems are constantly on the increase, and so are the requirements and challenges to be met for useful access and manipulation of this information. Conceptual modelling is fundamental to the development of up-to-date information and knowledge-based systems. The conference series aims on bringing together experts from all areas of computer science and information systems with a common interest in the subject. APCCM invites contributions addressing current research in conceptual modelling as well as experiences, novel applications and future challenges. Topics of interest include, but are not restricted to:

- information recognition and information modelling
- concepts, concept theories and ontologies
- methods for developing, validating and communicating conceptual models
- information systems design methodologies
- design patterns and object-oriented design
- conceptual modelling for
  - web-based systems
  - e-business, e-commerce and e-banking systems
  - mobile information systems
  - knowledge management systems
  - service-oriented computing
  - decision support and expert systems
  - user interfaces
  - digital libraries

- business, enterprise and process modelling
- conceptual modelling quality
- information and schema integration
- information customization and user profiles
- conceptual modelling and user participation
- knowledge discovery, knowledge representation and knowledge management
- information retrieval, analysis, visualization and prediction
- Semantic Web
- conceptual modelling of semi-structured data and XML
- conceptual modelling of spatial, temporal and biological data
- evolution and change in conceptual models
- implementations of information systems
- reuse, reverse engineering and reengineering
- software engineering and tools for information systems development
- philosophical, mathematical and linguistic foundations of conceptual models
- conceptual models in management science

## **PAPER SUBMISSION**

APCCM invites papers describing original contributions in all fields of conceptual modelling and related areas. Papers should be no more than 10 pages in length conforming to the formatting instructions for the series Conferences in Research and Practice in Information Technology (instructions are available at the APCCM web-site). Each paper will be judged on its originality, significance, technical quality, relevance to APCCM and presentation.

Submissions of a paper should be regarded as an undertaking that, should the paper be accepted, at least one author will attend the conference to present the work.

Submission to APCCM will be electronically only via the APCCM web-site. Authors are asked to submit first an abstract and then to upload the full paper using the paper-id assigned by the system.

## **PUBLICATION**

The proceedings of the conference will be published by the Australian Computer Society as part Conferences in Research and Practice in Information Technology series (CRPIT) which is also held in full-text on the ACM Digital Library. Each paper will be fully refereed. Complete instructions for authors regarding submission and formatting procedures can be found at the APCCM web-site.

After the conference authors of the best papers will be invited to submit an extended version for publication in the Journal of Research and Practice in Information Technology (JRPIT).

## **KEY DATES**

Submission of abstracts:	August 10, 2005
Submission of full papers:	August 26, 2005
Notification of authors:	October 3, 2005
Final version due:	October 28, 2005
Author registration:	October 28, 2005
Conference dates:	January 16 - 19, 2006

## **PROGRAM COMMITTEE**

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Markus Stumptner, University of South Australia, Australia

Yasushi Kiyoki, Keio University, Japan

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## **FURTHER INFORMATION**

For further information refer to the APCCM 2006 website at

<http://apccm.massey.ac.nz/apccm06/>