



The Fourth Asia-Pacific Conference on Conceptual Modelling (APCCM 2007)

January 30 to February 2, 2007 – Ballarat, Victoria, Australia

<http://apccm.massey.ac.nz/apccm07/>

The **Asia-Pacific Conferences on Conceptual Modelling** provides an annual forum for disseminating the results of innovative research in information modelling and related areas. The fourth conference of the series will be held in Ballarat, Victoria in early 2007. This follows successful conferences in Dunedin (New Zealand), Newcastle (NSW) and Hobart (Tasmania). Fulltext for the papers presented at those conferences are publicly available at <http://crpit.com/Vol131.html>, <http://crpit.com/Vol143.html> and <http://crpit.com/Vol153.html>.

APCCM held as part of the **Australasian Computer Science Week (ACSW 2007)**, which also includes the following conferences, symposia 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 Asia-Pacific Conference on Conceptual Modelling (APCCM)
- The Australasian User Interface Conference (AUIC)
- Australasian Symposium on Grid Computing and Research (AUSGRID)
- The Australasian Information Security Workshop: Privacy Enhancing Systems (AISW)

The Australasian Computer Science Week 2007 will be hosted by the School of ITMS at the University of Ballarat. The conference venue will be the Caro Convention Centre in Ballarat, Victoria, Australia. 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 is constantly increasing, and with it the requirements and challenges for effective 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 to bring 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
 - 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
- the 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

Submission of papers for review

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. Complete instructions for authors regarding formatting procedures can be found at the CRPIT website <http://crpit.com/>. (Instructions are available in section Procedures and Resources for Authors.)

Each paper will be judged on its originality, significance, technical quality, relevance to APCCM and presentation. Submission 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. Submissions to APCCM will open in July.

Publications

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. 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).

Important Dates

Submission of abstracts:	August 3, 2006 (midnight PST)
Submission of full papers:	August 11, 2006 (midnight PST)
Notification of authors:	September 26, 2006
Final version and author registration:	October 20, 2006
APCCM conference:	January 30 to February 2, 2007

Program committee

PC Chairs:	Annika Hinze, University of Waikato, New Zealand John Roddick, Flinders University, Australia
PC Members:	Boualem Benatallah, University of New South Wales, Australia Denise de Vries, Flinders University, Australia Gillian Dobbie, University of Auckland, New Zealand Cesar Gonzalez-Perez, European Software Institute, Spain John Grundy, University of Auckland, New Zealand Sven Hartmann, Massey University, New Zealand Kathleen Stewart Hornsby, University of Maine, USA John Krogstie, Norwegian University of Science and Technology, Norway Sebastian Link, Massey University, New Zealand Jixue (Jerry) Liu, University of South Australia, Australia Christine Parent, University of Lausanne, Switzerland Barbara Pernici, Politecnico di Milano, Italy Sudha Ram, University of Arizona, USA Michael Rosemann, Queensland University of Technology, Australia Gunter Saake, Otto-von-Guericke-Universitt Magdeburg, Germany Michael Schrefl, Johannes Kepler University, Austria Il-Yeol Song, Drexel University, USA Stefano Spaccapietra, EPFL, Switzerland Nigel Stanger, University of Otago, New Zealand Markus Stumptner, University of South Australia, Australia Jeffery Yu, Chinese University of Hong Kong Yanchun Zhang, Victoria University, Australia