

CALL FOR PAPERS

First Asia-Pacific Conference on Conceptual Modelling

Dunedin, New Zealand, January 18 – 22, 2004

<http://apccm.massey.ac.nz/apccm04/>

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KEY DATES

submission of abstracts: August 29, 2003
submission of full papers: September 5, 2003
notification of authors: October 17, 2003
final version due: November 14, 2003
author registration: November 14, 2003
conference: January 18–22, 2004

PAPER SUBMISSION

Submission to APCCM 2004 will be electronically only via the conference website (<http://apccm.massey.ac.nz/>). Authors are asked to submit first an abstract, 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 of the Conferences in Research and Practice in Information Technology series (CRPIT). Each paper will be fully refereed. Complete instructions for authors regarding submission and formatting procedures can be found at the APCCM 2004 website.

With the growing interest in conceptual modelling, we are pleased to announce a new conference series focussing on disseminating the results of innovative research in conceptual modelling and related areas. The first running of this conference will be in January 2004 as part of the Australasian Computer Science Week (see <http://acsw.cs.otago.ac.nz/>).

Registration to APCCM 2004 will enable delegates to attend sessions in any conference participating in the Australasian Computer Science Week.

KEY AREAS

The actual amount, complexity and diversity of information are increasing day by day. Information that has to be conceptualised and efficiently organised in order to be useful. Conceptual modelling is fundamental to the development of up-to-date information and knowledge-based systems. The new conference series aims on providing a forum for experts from all areas of computer science and information systems with a common interest in conceptual modelling.

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
- developing, validating and communicating conceptual models
- IS design methodologies, design patterns and OO design
- conceptual modelling for web-based systems, e-business, e-commerce and e-banking systems, mobile systems, decision support and expert systems, user interfaces, digital libraries, etc.
- business, enterprise and process modelling
- conceptual modelling quality
- information and schema integration
- information customization and user profiles
- conceptual modelling and user participation
- knowledge discovery, representation and management
- information retrieval, analysis, visualization and prediction
- Semantic Web
- modelling of semi-structured data and XML
- 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 IS development
- philosophical, mathematical and linguistic foundations
- conceptual models in management science

SUBMISSION GUIDELINES

APCCM 2004 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 available at the APCCM 2004 website). 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.