15th Asia-Pacific Conference on Conceptual Modelling (APCCM'2019)

29-31 JANUARY 2019, Sydney, AUSTRALIA

http://www.ict.griffith.edu.au/conferences/apccm2019

The Asia-Pacific Conference on Conceptual Modelling provides an annual forum for disseminating the results of innovative research in information modelling and related areas. The fifteenth conference of the series will be held from January 29 to January 31 as a track of the Australasian Computer Science Week (ACSW 2019), hosted at Macquarie University, Sydney, Australia. Registration will enable delegates to attend sessions in any conference participating in the Australasian Computer Science Week. A full list of conferences and further details of ACSW can be accessed at http://www.acsw.org.au/.

Paper Submission & Publication

APCCM invites papers describing original contributions in all fields of conceptual modelling and related areas. Full papers should be no more than 10 pages and short papers should be no more than 4 pages, conforming to formatting instructions available on the conference website. Each paper will be judged on its originality, significance, technical quality, relevance and presentation. APCCM 2019 proceedings will be published in the ACM International Conference Proceedings Series and included in the ACM Digital Library as part of a joint proceedings for ACSW.

Conference Topics

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:
 Business, enterprise, process and service modelling

- Business, enterprise, process and service modelling
- Big data modelling
- Concepts, concept theories and ontologies
- Conceptual modelling and user participation
- Conceptual modelling for:
    - Decision support and expert systems
    - Digital libraries
    - E-business,e-commerce and e-banking systems
    - Health care systems
    - Knowledge management systems
    - Mobile information systems
    - NoSQL and NewSQL
    - Cloud computing applications
    - User interfaces and Web-based systems
- Conceptual modelling of semi-structured data and XML
- Conceptual modelling of spatial, temporal and biological data
- Conceptual model quality
- Conceptual models for supporting requirement engineering
- Design patterns and object-oriented design

- Evolution and change in conceptual models
- Data Semantics and Integrity Constraints
- Integration of Conceptual Models and Database Schemas
- Implementations of information systems
- Information and schema integration
- Information customisation and user profiles
- Information recognition and information modelling
- Information retrieval, analysis, classification, visualisation and prediction
- Information systems design methodologies
- Knowledge discovery, knowledge representation and knowledge management
- Methods for developing, validating and communicating conceptual models
- Models for the Semantic Web
- Philosophical, mathematical and linguistic foundations of conceptual models
- Reuse, reverse engineering and reengineering
- Software engineering and tools for information systems development

Paper Submission

Submission to APCCM 2019 will be electronically only via Easychair at https://easychair.org/conferences/?conf=apccm2019

Important Dates

Abstract submission:	**September 15, 2018**
Full Paper Submission:	~~August 31~~ **September 19**, 2018
Author Notification:	**October 15**, 2018
Camera-ready submission:	**November 9**, 2018
ACSW 2019 Conferences:	**January 29 - 31**, 2019