**FIRST CALL FOR PAPERS**

9th Australasian Workshop on Health Informatics and Knowledge Management
Canberra, 2-5 February 2016


held in conjunction with the Australasian Computer Science Week

HIKM is an established forum for academic research in the area of computing in support of healthcare delivery. Submission of papers presenting original unpublished work is now open. Papers should address current research topics in the broad field of health informatics and knowledge management, including (but not limited to):

Use and integration of computing in healthcare:

- biomedical devices and systems
- biotechnology and bioinformatics
- clinical decision support
- conceptual models and architectures for health information systems
- consumer information systems
- design and implementation for new models of care
- electronic health records and personal health records
- evaluation of clinical applications and systems
- health informatics education
- mobile platforms and BYOD in healthcare
- online and web interventions in healthcare

Data science and analysis for healthcare:

- knowledge discovery, data mining and visualization
- health information management
- health workflow management
- interoperability protocols, terminologies, and ontologies
- standards for healthcare computing and health data
- use and quality of health data collections and registries, data linkage and integration
- modelling spatial / temporal / biological data
- privacy / security issues
- public and population large and big dataset predictive analysis and surveillance
- telemedicine and remote healthcare services
Submission and Publication:

Each paper will be subject to double-blind peer review by at least two expert reviewers. Papers will be assessed on the basis of originality, significance, technical quality, relevance to the workshop, and presentation of the content.

Accepted papers will be included in the Proceedings of ACSW 2016, to be published by ACM. Papers should be no more than 10 pages in length, and must conform to formatting instructions for all ACSW submissions as detailed at http://cs.anu.edu.au/conf/acsw2016/submission.html

Submission of a paper will be regarded as an undertaking that it will not be simultaneously under consideration elsewhere, and that should the paper be accepted, at least one author will attend the conference to present the work.

Published papers from previous HIKM workshops appeared in the ACS CRPIT series http://crpit.com/

HIKM 2016 Timeline:

- Full Paper Submission: 14th August 2015
- Author Notification: 25th September 2015
- Camera-ready/Registration: 26th October 2015
- ACSW Conference: 2nd-5th February 2016 (Tue-Fri)

HIKM 2016 Programme Committee:

Anthony Maeder, University of Western Sydney
Trish Williams, Edith Cowan University (co-chairs)

Jim Basilakis, University of Western Sydney
David Bunker, National eHealth Transition Authority
Kerryn Butler-Henderson, University of Tasmania
Sisira Ediriipple, University of Queensland
Andrew Georgiou, Macquarie University
Kathleen Gray, University of Melbourne
Leif Hanlen, NICTA Canberra Research Laboratory
David Hansen, CSIRO Australian eHealth Research Centre
Inga Hunter, Massey University
Mary Lam, University of Sydney
Vincent McCauley, HL7 Australia
Dave Parry, Auckland University of Technology
Tony Sahama, Queensland University of Technology
Jeffrey Soar, University of Southern Queensland
Jan Stanek, University of South Australia
Alan Taylor, Flinders University
Jim Warren, University of Auckland
Ping Yu, University of Wollongong