



***FIRST CALL FOR PAPERS***  
**9th Australasian Workshop on**  
**Health Informatics and Knowledge Management**  
**Canberra, 2-5 February 2016**

<http://cs.anu.edu.au/conf/acsw2016/sub-confs/hikm.html>

held in conjunction with the Australasian Computer Science Week

<http://cs.anu.edu.au/conf/acsw2016/>

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 Submission of papers presenting original unpublished work is now open.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 Edirippulige**, 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