

HIS'15 CALL FOR PAPERS

<http://his-conferences.org/2015>

28th - 30th May 2015, Melbourne, Australia



The 4th International Conference on Health Information Science

The 4th International Conference on Health Information Science (HIS 2015) provides a forum for disseminating and exchanging multidisciplinary research results in computer science/information technology and health science & services. HIS 2015 aims to integrate computer science/information technology with health sciences & services, embracing information science research coupled with topics related to the modelling, design, development, integration, and management of health information systems and health services. It covers all aspects of the health information sciences and the systems that support this health information management and health service delivery. The scope includes:

1. Medical/health/biomedicine information resources, such as patient medical records, devices and equipments, software and tools to capture, store, retrieve, process, analyse, optimize the use of information in the health domain;
2. Data management, data mining, and knowledge discovery (in health domain), all of which play a key role in decision making, management of public health, examination of standards, privacy and security issues;
3. Development of new architectures and applications for health information systems.

Topics include, but not limited to:

- Information systems including electronic health records, hospital information systems, data exchange and integration
- Health service delivery, workflow
- Data mining, knowledge discovery, decision making support
- System interoperability, ontology and standardization
- Bioinformatics
- Biomedical informatics, Brain informatics, Imaging informatics
- Telemedicine, Health data management
- Health database and information-system integration
- Health information extraction, Health information services
- Health information-system modeling, design, and development
- Health information visualization
- Support tools and languages for health information-system development
- Information system interface
- Data integration, Data processing
- Data federation, sharing, and mining
- E-health care delivery
- Distributed computing, Pervasive computing in content of e-health
- Information storage and retrieval in e-health
- Innovative applications in e-health
- Integration of heterogeneous information sources
- Agent systems with e-health

Conference Organisation

General Co-Chairs

Yanchun Zhang, Victoria University, Australia

Michael Blumenstein, Griffith University, Australia

PC Co-Chairs

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Kendall Ho, The University of British Columbia, Canada

Daniel Zeng, The University of Arizona and Chinese Academy of Sciences

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Xingshe Zhou, Northwestern Polytechnical University, China

Panel Chair

Lei Wang, Shenzhen Institute of Advanced Technologies, Chinese Academy of Science, China

Workshop Chair

Chaoyi Pang, Zhejiang University (NIT), China

Paper Submission

HIS 2015 is using the EasyChair conference management system. The submission website is at: <https://www.easychair.org/conferences/?conf=his2015>.

Please submit your research papers and follow the instructions on the web page. The submission deadline is November 15, 2014.

Workshops and Panels

In addition to technical and industry contributions, HIS2015 invites proposals for workshops and panels. For workshops, HIS'15 will provide administrative support for workshop room booking, registration, and publication. All papers accepted by HIS'15 workshops will be published in a combined volume of Lecturer Notes in Computer Science series published by Springer (pending for approval). Workshop Proposals should be sent as e-mail attachments to HIS.Conf@gmail.com

Publications

The HIS2015 Proceedings will be published by Springer. Papers should be submitted in LNCS format as PostScript or PDF files, and may not exceed 12 pages for regular paper, industry papers up to 6 pages.

Special Issues

Selected papers from the conference will be invited to submit extended versions to journals: Health Information Science and Systems, Transactions on Scalable Information Systems, and World Wide Web.

Important Dates

Paper Submission due:	December 30, 2014
Acceptance notification:	February 5, 2015
Camera-ready due:	March 3, 2015