HIS2015: 4th International Conference on Health Information Science

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| When | May 28, 2015 – May 30, 2015 |
| Where | Melbourne, Australia |
| Submission Deadline | November 15, 2014 |

Call For Papers

The 4th International Conference on Health Information Science (HIS 2015: <http://www.his-conferences.org/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 equipment, 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

We solicit your submissions in English for unpublished research papers on any aspect of the health information sciences and systems.

**Submission Dates:**

**November 15, 2014:** Submission of research papers, industry papers and demo proposals  
**January 15, 2015:** Notification  
**February 15, 2015**: Camera-ready due

**May 28-30, 2015    Conference**

**What to submit**

The HIS2015 Proceedings will be published by Springer. Papers should be submitted in LNCS ([Lecture Notes in Computer Science](http://www.springer.com/lncs)) format (style files are available at [LNCS Authors Instructions](http://www.springer.com/lncs)) as PDF files, and may not exceed 12 pages for regular paper, industry papers up to 6 pages.

**How to submit**

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.

**Special issues**

Selected papers from the conference will be invited to submit extended versions to journals: [Health Information Science and Systems](http://www.hissjournal.com/), [Transactions on Scalable Information Systems](http://icst.org/scalable-information-systems/)

and [World Wide Web](http://www.springer.com/computer/database+management+%26+information+retrieval/journal/11280)

**Duplicate submissions and novelty requirements**

A research paper submitted to HIS 2015 cannot be under review for any other publishing forum or presentation venue; including conferences, workshops, and journals, during the time it is being considered for HIS 2015 conference. Furthermore, after you submit a research paper to HIS 2015, you must await the response from HIS 2015 and only resubmit elsewhere if your paper is rejected--or withdrawn at your request--from HIS 2015. This restriction applies to identical papers as well as to papers with a substantial overlap in scientific content and results.

**Reviewing process**

Every research paper submitted to HIS 2015 will undergo a peer reviewing process. All accepted papers will be incorporated into the conference program and included in the conference proceedings published by Springer LNCS.

**Organising Committee**

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Yanchun Zhang, Victoria University

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