

HIS'12 CALL FOR PAPERS

<http://www.his2012.org/>

<http://e-research.csm.vu.edu.au/files/apweb2012/index.html>



Conference Organization

General Co-Chairs:

Yanchun Zhang, Chinese Academy of Science & Victoria university

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Workshop Co-Chairs

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Financial Chair:

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Publication Chair

Guandong Xu, Victoria University

Publicity Co-Chairs

Haolan Zhang, NIT, Zhejiang University

Huiru Zhang, University of Ulster, UK

Keynote Talks (tentative):

Michael Steyn, Royal Brisbane & Women's Hospital, Australia

Leonard Goldschmidt, Stanford University Medical School, U.S.A

PAPER SUBMISSION

<https://cmt.research.microsoft.com/HIS2012>

HIS'12 invites papers describing original contributions in all fields of Health Information Science related research and applications. All submissions should be in English. Submission of a paper should be regarded as an undertaking that, should the paper be accepted, at least one author will attend the conference to present the work. Paper submission will be electronic through the HIS12 Web site. Papers should be submitted in LNCS (Lecture Notes in Computer Science) format (style files are available at LNCS Authors Instructions) as PostScript or PDF files and may not exceed 12 pages.

WORKSHOP, PANELS, TUTORIALS, INDUSTRY PRESENTATIONS

In addition to technical contributions, HIS'12 invites proposals for workshops, panels, tutorials, industry presentations. For workshops, HIS'12 will provide administrative support for workshop room booking, registration, and publication. All papers accepted by HIS'12 workshops will be published in a combined volume of Lecturer Notes in Computer Science series published by Springer (pending for approval). Proposals or industry papers should be sent as e-mail attachments to HISS2012@gmail.com.

The 1st International Conference on Health Information Science

9th-10th, April, 2012, Beijing, China

The 1st International Conference on Health Information Science (HIS 2012) provides a forum for disseminating and exchanging multidisciplinary research results in computer science/information technology and health science & services. It aims to integrate computer science with health science & services, coupling information science research with topics related to the modeling, 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, and 3) development of new architectures and applications for health information systems.

- 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
- 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
- Information storage and retrieval
- Innovative applications
- Integration of heterogeneous information sources
- Agent systems

IMPORTANT DATES

Abstract due: October 23, 2011

Full paper due: October 30, 2011

Acceptance notification: January 7, 2011

Camera-ready copy: January 20, 2012

Workshop Proposals: September 15, 2011

Panel/Tutorial Proposals: December 5, 2011

PUBLICATION

The proceedings will be published by Springer-Verlag in the LNCS series. One special issue on journal: Health Information Science and Systems (Springer and BMC publisher) will be organized based on the accepted paper of HIS2012.

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