Conference Organization

General Co-Chairs:
Yanchun Zhang, Chinese Academy of Science & Victoria university
Gultekin Ozsoyoglu, Case Western Reserve University, USA

Program Co-Chairs:
Xiaohui Liu, Brunel University, UK
Elizabeth Krupinski, University of Arizona, USA
Jing He, Victoria University, Australia

Workshop Co-Chairs
David Hansen, Australia e-health Research Centre
Guangyan Huang, Victoria University

Local arrangement Chair
Jing Yang, Graduate University, Chinese Academy of Science

Financial Chair:
Jing He, Victoria University

Publication Chair
Guandong Xu, Victoria University

Publicity Co-Chairs
Haolan Zhang, NIT, Zhejiang University
Huiru Zheng, 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
8th-9th, April, 2012, Beijing, China

The 1st International Conference on Health Information Science

2012 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 13, 2011
Full paper due: October 20, 2011
Acceptance notification: December 15, 2011
Camera-ready copy: January 15, 2012
Workshop Proposals: Aug. 14, 2011
Panel/Tutorial Proposals: December 5, 2011

PUBLICATION
The proceedings will be published by Springer-Verlag in the LNCS series, one volume for main conference and one volume for workshops (pending for approval).One special issue on journal: Health Information Science and Systems (Springer and BMC publisher) will be organized based on the accepted paper of HIS2012.