

## **HIS'14 CALL FOR PAPERS**

<http://www.his2014.org/>

21- 23<sup>th</sup> April 2014, Shenzhen, China



### **Conference Organization**

#### **General Co-Chair**

Hairong Zheng, Shenzhen Institute of Advanced Technology (SIAT), China

Leonard Goldschmidt, Stanford University, USA

Yanchun Zhang, Victoria University, Australia

#### **Program Co-Chairs**

Jing He, Victoria University, Australia

Neil R. Smalheiser, University of Illinois at Chicago, USA

Lei Wang, Shenzhen Institute of Advanced Technology, China

Lily Yao, University of Southampton

#### **Industry Program Co-Chair**

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

#### **Workshop Co-Chairs**

Fengfeng Zhou, SIAT, China

Jie Zhao, Hebei University, China

#### **Panel Chair:**

Xiaohui Liu, Brunel University, UK

#### **Publication Chair**

Xiaoxia Yin, Victoria University, Australia

#### **Local Arrangement Chair**

Ye Li, SIAT, China

#### **Publicity Co-Chair**

Yunpeng Cai, SIAT, China

## **PAPER SUBMISSION**

<https://www.easychair.org/conferences/?conf=his2014>

HIS'14 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 HIS'14 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 for regular paper, industry papers up to 6 pages. Authors are also invited to submit extended abstracts for presentation at HIS2014, the extended abstract can be up to two pages.

## **WORKSHOP, PANELS**

In addition to technical and industry contributions, HIS'14 invites proposals for workshops and panels. For workshops, HIS'14 will provide administrative support for workshop room booking, registration, and publication. All papers accepted by HIS'14 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 [www.his2014.org@gmail.com](http://www.his2014.org@gmail.com).

## **The 3rd International Conference on Health Information Science**

The 3rd International Conference on Health Information Science (HIS 2014) 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.

### **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
- 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

## **PUBLICATION**

The proceedings will be published by Springer-Verlag in the LNCS series. Some selected papers will be recommended to Health Information Science and Systems Journal ([www.hissjournal.com](http://www.hissjournal.com), Springer and BMC publisher).

## **IMPORTANT DATES**

Full paper due:	January 21, 2014
Acceptance notification:	January 31, 2014
Camera-ready copy:	February 14, 2014
Workshop Proposals:	January 21, 2014
Panel/Tutorial Proposals:	January 21, 2014