

Special Issue on "Sensor Networked Business Service Design and Strategy"

Theme and Scope

Sensor nodes are tiny autonomous devices that combine sensing, computing and wireless communication capabilities. These nodes are deeply embedded into the physical surroundings, and gather and process information. As the real world utilization of wireless sensor network becomes increasingly prevailed, this phenomenon facilitates constant business transformation in new technology paradigms. The implementation of sensor network has facilitated innovative applications in various fields such as homeland security, early warning systems, emergency response, healthcare and other time and life critical situations. These services demand new business models to create profits and distribute their own benefits with efficient strategies. Those also need that the management of data, the security and privacy of these systems should be guaranteed in the perspective of service continuity management. Hence the main motivation for this special issue is to bring together researchers and practitioners working on related fields in sensor network to present current research issues and advances. The aim of this special issue is to provide a platform for the discussion of the major research challenges and achievements on various topics of interest.

Topics of interest include, but are not limited to:

- Business Model for Sensor Network
- Environmental Monitoring for Sensor Network
- Sensor Network Scheduling and Optimization
- Sensor Network Fault Tolerance and Identification
- Energy Efficiency and Management for Sensor Network
- Multimedia Sensor Network
- Embedded Software for Sensor Networks
- Applications of Sensor Networks in Healthcare, Infrastructure, Defense and Environment
- Distributed Information Processing for Sensor Network
- Data Aggregation, Storage & Management for Sensor Network
- Middleware in Sensor Networks
- Case Studies of Sensor Network Security and Privacy Issues
- Law and Regulatory Issues in Sensor Network

Instructions for Manuscripts

Authors are invited to submit manuscripts reporting original unpublished research and recent developments. Manuscripts should be written in English and strictly follow the guideline of the Journal of Internet Technology at <http://jit.ndhu.edu.tw/preparation2.php>. The covering letter should indicate the names of the authors and their affiliations, addresses, faxes, and e-mails. Authors can refer to sample format can be download from <http://jit.ndhu.edu.tw/doc/002.doc>. Prospective authors should submit full manuscripts with MS Word format, .doc, electronically by e-mail to Guest Editor, Prof. Jong hyuk(James) Park, at jonghyuk09@gmail.com

Important Dates

Manuscript Due:	October 5, 2012
Notification of Acceptance/Rejection/Revision:	January 5, 2013
Final Manuscript Due:	February 5, 2013
Tentative Publication Date:	March, 2013

Guest Editors

Prof. Jong Hyuk Park
(Corresponding Guest Editor)
Department of Computer Engineering, Seoul National University of Science and Technology, Korea
jonghyuk09@gmail.com

Prof. Hosin "David" Lee
Department of Environmental Engineering, University of IOWA, USA
skytrust@gmail.com

Dr. Rashid Mehmood
School of Engineering, Swansea University, UK
R.Mehmood@swansea.ac.uk

Prof. Frank Yen-Ming Chu
Department of Computer Science and Information Engineering, De Lin Institute of Technology
yimingchu@gmail.com