The Internet of Things (IoT) is a novel design paradigm, envisioned as a network of billions or trillions of machines communicating with one another and rapidly gaining global attention from academia, industry, and government. IoT is recognized as one of the most important areas of the future Internet; enabling ubiquitous computing among global networked machines and physical objects. Equipped with auto identification devices such as RFID tags in addition to sensors, actuators and machine-to-machine (M2M) devices, IoT has applications in a wide variety of areas such as smart grid, e-health, intelligent transportation, and logistics.

Springer Telecommunication Systems is seeking original manuscripts for Special Issue on IoT Communications and Technologies, scheduled to be published in 2014. This special issue aims to provide a forum that brings together researchers from academia, practitioners from industry, standardization bodies, and government to meet and exchange ideas on recent research and future directions for the IoT. The technical discussion will be focused on the communications aspects and key enabling technologies for IoT, especially M2M communications and networking, RFID technology and Near Field Communications (NFC). The technical topics of interest to the workshop include, but are not limited to:

- IoT network infrastructure
- IoT applications and services
- IoT networking and communication
- RFID and actuator technologies
- Smart grids and smart spaces
- Channel and traffic models
- Spectrum management for IoT radio communications
- Security and privacy issues
- Cloud computing interworking

Deadline
Submission deadline: January 15, 2014
1st round review notification: April 15, 2014
Revision deadline: May 15, 2014
Final acceptance notification: July 15, 2014
Final Manuscript Due: August 15, 2014

Submission Procedure
Manuscripts should be written in English and strictly follow the guideline of Journal of Telecommunication Systems at http://www.springer.com/business+management/business+information+systems/journal/11235. The covering letter should indicate the names of the authors and their affiliations, addresses, faxes, and e-mails. Prospective authors should submit full manuscripts with PDF, electronically by e-mail to Guest Editors (minchen@ieee.org, dqzhang@ieee.org) using the subject “SI Submission -IOT”. All manuscripts should include a cover letter containing the title of the paper, full name of authors, email address, and clear indication that the submission is for the Special Issue on RFID Technology and Applications.

Guest Editors