Paper Submission
Authors are encouraged to submit high-quality, original work that has neither appeared in, nor is under consideration by, other journals.

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Important Dates:
Paper submission deadline: 30 Sept. 2014
First round notification: 15 Dec. 2015
Revised papers due: 15 Feb. 2015
Final acceptance: 15 Mar. 2015

With the miniaturization of sensors, we have been witnessing the popularity of the sensor-build-in mobile devices over the past few years. This creates a new trend for next generation sensor networks: the crowd sensing networks (CSNs), which is expected to provide a promising platform for the acquiring of ubiquitous and participatory sensing data. With the involvement of a huge number of mobile users or other devices such as sensor-equipped vehicles, the crowd sensing networks can provide a lot of novel and valuable applications such as environmental monitoring and protection, traffic jam alter, citizen-journalism, tourist query, wireless indoor localization, etc.

Although there have been remarkable potentials and development in the field of crowd sensing, we still face many challenging issues to be addressed in order to achieve the success of crowd sensing. For instance, one of the most important issues is how to design incentive mechanism to motivate mobile users to participate the sensing work. The purpose of this special issue is to report on the most up-to-date research advances in the crowd sensing and its applications. Researchers and practitioners are invited to submit theoretical or applied papers dealing with the following topics (but not limited to):

- Framework and System Design, Analysis and Implementation
  - P2P Framework and System Design for efficient crowd sensing
  - Novel applications, implementation, and test-bed for crowd sensing
  - Integration of crowd sensing network and social network

- Algorithm Design and Optimization
  - P2P structure based crowd data collections, process, and dissemination
  - Incentive mechanism design
  - Energy efficiency in CSNs
  - Algorithm design and theoretical analysis
  - Participant cooperation and competition in CSNs
  - Resource allocation and protocol design

- Modeling, Performance Evaluation and Application
  - Modeling and performance analysis for CSNs
  - Network economics modeling and design in CSNs
  - QoS provisioning in CSNs and its applications
  - Security and privacy in CSNs
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