

Title:

Internet of Things, Crowdsourcing and Mobile Computing

Abstract:

The Internet of Things (IoT) is a dynamic global information network consisting of internet-connected objects, such as RFIDs, sensors, actuators, as well as other instruments and smart appliances that are becoming an integral component of the future internet. It is moving towards pervasiveness and increasing end-user interactions. Beyond the technical improvement in the IoT technology, there is also a need to better interact with the end-users in order to ensure a high level of acceptance and to leverage on their active use of the IoT. The workshop will explore the potential of new approaches and technologies to research and develop better interactions between end-users and IoT, including crowdsourcing approaches.

Scope and Topics:

We are soliciting novel and original research contributions related to Internet of Things, Crowdsourcing and Mobile Computing. The topics of interest include but are not limited to:

- ✧ Internet of Things and Its Applications
- ✧ Wireless Sensor Network
- ✧ Crowdsourcing and crowd-sensing technologies
- ✧ Mobile Computing
- ✧ Data Security in the IoT
- ✧ IoT Privacy and personal data protection
- ✧ Attacks and Countermeasures on IoT Systems
- ✧ Trust Model, Data Aggregation and Information Sharing
- ✧ Secure Hardware and Software for IoT
- ✧ Application Security for IoT

Program Committee Chairs:

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Guiling Wang is currently a professor of the Yingwu College of Computing Sciences and the MT School of Management at NJIT. She joined NJIT in July 2006 as an Assistant Professor. She was promoted to Associate Professor with tenure in June 2011 and to full professor in June 2016. She received her Ph.D. in Computer Science and Engineering and a minor in Statistics from The Pennsylvania State University in May 2006. She received her B.S. in Software from Nankai University in Tianjin,

China. Her research interests include mobile computing, intelligent transportation, wireless networking, network and systems security, etc.

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Baowei Wang is currently working as an Associate Professor in the School of Computer and Software at Nanjing University of Information Science and Technology, Nanjing, China. He received his B.S. and Ph.D. degrees in Computer Science from Hunan University, Changsha, China, in 2005 and 2011, respectively. His research interests include wireless sensor networks, data security, and mobile computing.

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Li Lu is an Associate Professor in the School of Computing at University of Electronic Science and Technology of China. He received my master and bachelor degrees in 2000 and 2003 respectively at Zhejiang University, both in EE. He was a joint Ph.D student of Chinese Academy of Science and Hong Kong University of Science and Technology and got the Ph.D in 2007 in CS. He is interested in Wireless application and system security, including Radio Frequency Identification Technology, Wireless network, Mobile computing and Network Security.

Hanhua Chen, Huazhong University of Science and Technology, China
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Hanhua Chen is a professor in School of Computer Science and Technology of Huazhong University of Science and Technology (HUST), where He received his PhD degree (Advisor: Prof. Hai Jin) in Computer Science and Engineering in 2010. He received the National Excellent Doctorial Dissertation Award of PR China. His research interest includes distributed systems, BigData Processing Systems, Online Social Network Sysstes and Peer-to-Peer Systems.

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