CALL FOR PAPERS
IEEE Internet of Things Journal Special Issue on Privacy Issues in the Internet of Things

Over the last few years, the Internet of Things (IoT) has attracted significant attention from both industry and academia. An increasing number of IoT products and solutions are arriving in the marketplace, able to capture significant amount of information (e.g., user behaviour, consumption patterns, etc.). However, current approaches to deriving insights from such data involve collating large volumes of data for processing. This creates significant privacy challenges: to obtain maximal benefit from IoT products and the IoT ecosystem, we must find ways derive insights from data generated by IoT products without violating data subjects' privacy. Such privacy preserving technologies will help to reduce the public's negative attitudes – heightened following recent revelations concerning various government spy programs – towards sharing personal data for common benefit.

The theme of this special issue will bridge the gap between privacy and its application in IoT domain, consolidating research efforts from different research fields. Topics of interests include (but are not limited to) the following categories:

- Consent acquisition and ethics in IoT
- Privacy preserving data acquisition, storage, integration, and analytics in IoT
- Attacks and countermeasures for privacy in IoT
- Privacy protected thing discovery and adaptation in IoT
- Protecting privacy in IoT data routing, distributed processing, middleware and multi-clouds
- Human-Computer Interaction and privacy in IoT

- Privacy aware IoT applications including recommender systems, profiling, and data markets
- Use of anonymisation, aggregation and encryption techniques to manage privacy in IoT
- Protecting privacy when using location tracking, sensors, RFID, etc
- Location privacy in IoT
- IoT and Human-Data Interaction

Important Dates
Submissions Deadline: January 31, 2016
Revision Due: May 15, 2016
Final Manuscript Due: June 30, 2016

First Reviews Due: April 15, 2016
Second Reviews Due/Notification: June 15, 2016
Publication Date: August 2016

Submission
We seek submission of papers presenting novel and original results and findings concerning Privacy in Internet of Things. Submissions must not be currently under consideration for publication in other venues. Author guidelines and submission information can be found at http://iot.ieee.org/journal. All manuscripts should be submitted through Manuscript Central, http://mc.manuscriptcentral.com/iot.

Guest Editors
- Richard Mortier, Univ. of Cambridge, UK
  Email: richard.mortier@cl.cam.ac.uk
  (Corresponding Guest Editor)
- Peter Christen, The Australian National University, AU
  Email: peter.christen@anu.edu.au

- Jon Crowcroft, Univ. of Cambridge,
  Email: Jon.Crowcroft@cl.cam.ac.uk
- Charith Perera, Open University, UK
  Email: charith.perera@ieee.org
- Sasu Tarkoma, University of Helsinki, FI
  Email: sasu.tarkoma@helsinki.fi