

<http://www.smc2017.org/>**Special Session Call for Papers****SMC 2017 Special Session on Intelligent Internet of Things****Special Session Chairs**

Xiang Su
University of Oulu,
Finland.
Email: xiang.su@ee.oulu.fi

Yuhong Li
Beijing University of Posts
and Telecommunications,
China.
Email: hoyli@bupt.edu.cn

Huber Flores
University of Helsinki
Email:
Huber.flores@helsinki.fi

Introduction/Call for Papers

Internet of Things (IoT) has been considered as an important technological revolution for smart systems, such as smart city, smart transportation, smart home, and smart factories. In such systems, it is critical to design and implement architectures, methods, and algorithms to collect and process large amount of IoT data, and ultimately enable decision making for IoT-enabled systems. The goal of this special session is to address these challenges in order to develop intelligent IoT systems for effectively processing real-time big IoT data and managing future IoT systems in a large scale. Prospective authors are invited to submit original papers to the Special Session in the areas described below.

Indicative Topics:

We would suggest the following topics but are not limited to:

- IoT system design methodologies
- Big data processing in IoT systems
- Software platforms and middlewares in IoT systems
- Data processing latency and real-time IoT applications.
- IoT test bed and experiment experiences in smart cities, smart transportation systems, smart home, etc.
- Energy efficiency and green networking
- Human in the loop in IoT systems

The special session is submitted to Section: A A: System Science and Engineering

Important Dates

April 7, 2017: Deadline for submission of full-length papers to special sessions.

May 25, 2017: Acceptance/Rejection Notification.

July 9, 2017: Final camera-ready papers due in electronic form.

Submission

Manuscripts for a Special Session should **NOT** be submitted in duplication to any other regular or special sessions and should be submitted to SMC 2017 main conference online submission system on SMC 2017 conference website.

All submitted papers of Special Sessions have to undergo the same review process (three completed reviews per paper). The technical reviewers for each Special Session paper will be members of the SMC 2017 Program Committee and qualified peer-reviewers to be nominated by the Special Session organizers.