1st Workshop on
Advances in IoT Architecture and Systems (AIoTAS)

Jun 25, 2017

Co-located with
44th International Symposium on Computer Architecture (ISCA-2017)
Toronto, Canada

http://isca17.ece.utoronto.ca

https://sites.google.com/view/aiotas2017/

Internet of Things (IoT) is poised for a disruptive growth in near future and is projected as a major economic driver for years to come. However, realization of this dream poses multitudes of challenges owing to its size, scalability, diversity, openness. The goal of AIoTAS 2016 is to provide a platform to host researchers and practitioners from both academia and industry, and share their experience and solutions to the multitude of issues related to future IoT systems. The workshop will help to evolve a consolidated architecture for an IoT system. The workshop aims to provide authors with useful feedback about their work and facilitate networking within the community.

Scope and Topics

The workshop aims to highlight the issues related to architecture of an IoT system, though not restricted to it. We welcome submissions on techniques, experiments, experience reports and tools. The broad areas of interest for AIoTAS 2017 include, but are not limited to:

- Architectures for IoT
- Sensor and sensing technologies
- Actuator and acting technologies
- Low power and energy harvesting
- Real-time systems
- IoT data analytics
- Cloud-based IoT
- Embedded software
- Smart devices

Submission Instruction

Papers should be original work, not published or submitted elsewhere, in ACM format, written in English, to be submitted through Easychair at the following link:

https://easychair.org/conferences/?conf=aiotas2017

We solicit detailed papers explaining techniques, solutions, tools or experience reports. They should be of at most 8 pages and at least 6 pages including references and artworks. The proposals must be prepared as per ACM double column conference format.

Deadline for submitting papers:	03 Apr, 2017
Notification of accepted papers:	17 Apr, 2017
Publishing of list of accepted papers:	20 Apr, 2017
Camera-ready paper due date:	06 May, 2017
AIoTAS Workshop:	**25 Jun, 2017**
	(Morning session)