CALL FOR PAPERS

Sixth International Workshop on the Web of Things (WoT 2015)
October 26-28, Seoul, S. Korea

Important Dates

Paper submission deadline:	August 30, 2015	Notification of acceptance:	September 21, 2015
Camera-ready papers due:	TBA	Workshop date:	TBA

Workshop Abstract

Continuing the successful Web of Things workshop series, this workshop aims at further exploring the use of technologies and principles at the core of the Web to provide methods for a seamless integration of physical devices. In particular, our goal is to foster discussion about systems that enable a real-time Web of Things and the discovery, search, and composition of services provided by Web-enabled things as well as the interaction of users with such devices. Furthermore, with the recent interest to standardize the Web of Things Framework, papers about models, standards and their application to real, complex use-cases are also welcome.

Contributing to WoT 2015

WoT 2015 solicits contributions in all areas related to the Web of Things, and we invite application designers to think beyond sensor networks and Web applications, and to imagine, design, build, evaluate, and share their thoughts and visions on what the future of the Web and networked devices will be.

- Integration of embedded computers, wireless sensor networks, every-day appliances, smart gateways, and tagged objects (RFID, barcodes, QRs, NFC) using a Web approach

- Real-time communication with physical objects (e.g.,WebSockets, Web-RTC, MQTT, CoAP, AMQP)

- Web-based discovery, search, composition, and physical mashups

- Use of semantic technologies to facilitate the interaction with and between things on the Web

- (Meta-)Models and paradigms allowing model-driven approaches for the WoT

- Security, privacy, access control, and sharing of physical things on the Web

- Application of Web tools and techniques in the physical world (e.g., REST, HTML5, 6lowpan, cloud services, social networks)

- Cloud platforms and services for the Web of Things

- Concrete applications, use-cases, deployments, and evaluations of Web-enabled Things in contexts such as smart homes, connected cities, and Web 2.0 enterprises

This sixth edition of the Web of Things workshop series will provide an interactive forum for WoT researchers to learn about and discuss existing efforts related to Web-based interactions with smart things. In order to ensure a high-quality technical session, submissions must cover one of the topics above and should not exceed six (6) ACM conference format pages. Research papers must be original prior unpublished work and not under review elsewhere as they will be published to the ACM digital library and listed on DBLP. All submissions will be peer-reviewed and selected based on their originality, merit, and relevance to the workshop. Submission requires at least one author to present the paper on-site. If you can, we encourage authors of accepted papers to bring a prototype and demonstrate it at the workshop, as part of an open demonstration session.

For more instructions on how to submit to WoT 2015, visit http://webofthings.org/events/wot/submission-guidelines/

Organizers:

Dr. Andreas Ruppen, University of Fribourg, http://diuf.unifr.ch/softeng/members/ruppena

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