

Call for Papers for a Special Section on
***Service Management for the
Internet of Things***

<http://toit.acm.org/announcements.cfm>



**ACM Transactions on
Internet Technology**

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Over the years, Service-Oriented Computing (SOC) has evolved into a methodology for software engineering. SOC has been successfully developed, deployed and experienced in different areas, such as the Web and Grid systems.

However, SOC, in both its foundations and methodologies, has not kept pace with the challenges posed in Internet of Things (IoT) settings. This special section focuses on service management for the Internet of Things, which is an emerging research area for investigating techniques for establishing and maintaining IoT infrastructures, platforms and applications based on the SOC paradigm. The techniques include those for designing, deploying, configuring, and controlling services-based IoT systems and applications.

Important deadlines

Submission: 15 May 2017
Preliminary decisions: 15 August 2017
Revised manuscripts: 15 October 2017
Final decisions: 15 December 2017
Final manuscripts: 15 January 2018
Publication: Early 2018

Topics of interest include:

- Design time management of IoT services
 - Theoretical foundations, design, and specification
 - Architectures, infrastructure, and platforms
 - Discovery, customization, and composition
 - Analytics and reengineering
 - Cognitive services

- Runtime management of IoT services
 - Provisioning and deployment
 - Monitoring and control
 - Adaptation
 - Nonfunctional properties of IoT services
 - Security
 - Privacy
 - Trust

- Services-based IoT systems and applications
 - Social media
 - Health care delivery
 - Smart cities, smart homes, and smart transportation
 - Finance
 - Embedded and real-time services
 - RFID

Submission Instructions

<http://toit.acm.org/submission.html>
Please select "Special Section: Service Management for IoT" in the Manuscript Central website

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