



CALL FOR PAPERS

ACM Transactions on Design Automation of Electronic Systems (TODAES) Special Issue on *Internet of Things System Performance, Reliability, and Security*

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As more low-power and internet-connected gadgets and sensors are integrated into our lives, there are issues remaining on optimal system design of these systems. In particular, performance, reliability, and security are key parameters. Furthermore with emerging research areas such as autonomous cars, advanced manufacturing, smart cities and building, usage of Internet of Things (IoT) devices is expected to skyrocket. This special issue focuses on design and optimization aspects of IoT's. We believe these areas will also likely be key to advancements in the IoT arena.

We are inviting you to submit your original work to this special issue. The submissions should be related to the topics suggested below. The submissions will be subject to a two stage blind review by eminent researches in this research field. End goals of the special issue are to improve understanding about system performance, reliability, and security of IoT systems and propose novel solutions to these.

Topics for the Special Issue

- Design automation, test, and verification-aspects of internet of things,
- System architecture for internet of things,
- Performance optimization for internet of things,
- Reliability characterization and improvement for internet of things
- Security aspects of internet of things,
- Technology architecture for internet of things,
- Programming the internet of things,
- Applications of internet of things.

Submit to: <http://mc.manuscriptcentral.com/todaes>

Author guidelines: <http://todaes.acm.org>

Please indicate that you are submitting to this special issue in your cover letter.

Timelines

Submissions due	7/1/2017	Second revisions due	2/1/2018
First revisions due	10/1/2017	Publication date	4/1/2018