10th IEEE Dallas Circuits and Systems Conference, 2014
Enabling the Internet of Things – From Sensors to Servers

◆IEEE

CAS

DCAS 2014

12-13 October
Dallas, Texas, USA

http://ewh.ieee.org/soc/cas/dallas/dcas2014

CALL FOR PAPERS AND PARTICIPATION

The 10th IEEE Dallas Circuits and Systems Conference will be held at the Erik Jonsson School of Engineering and Computer Science on The University of Texas at Dallas campus, on October 12-13, 2014. This conference, sponsored by the IEEE Circuits and Systems (CAS) Society, will feature a comprehensive program of technical papers, and an industry forum program featuring prominent keynote speakers, panel sessions and vendor exhibits.

To commemorate the advancements seen in the field, the conference theme is **"*Enabling the Internet of Things – From Sensors to Servers*".** The Internet of Things (IoT) requires advanced connectivity of devices, systems and services that go beyond the traditional machine-to-machine interactions to enable a rich user experience and value added services in various domains and applications.
The theme of the conference sets the stage for presentations on various research fronts: from circuits to signal processing to networking. The submission* of papers in the following areas is encouraged:

Theme based: Sensors, wearable computing, medical and automotive electronics, ultra-low power electronics and computing, electronics for infrastructure systems, ambient intelligence, emerging markets and applications.

VLSI Design and Methodologies: Analog and RF mixed signal design, synthesis, DFT and test, verification, design for manufacturability and yield, low-power design, temperature-aware design, antenna-circuit co-design, physical design, packaging and board design, CAD technology, CMOS sensors and MEMS, nanoscale computing and nano-electronics, high performance computing, multi-core and parallel architectures, networks-on-chip.

Embedded Systems: Audio, image and video processing, communications, encryption, security and compression, reconfigurable systems, hardware-software co-design and hybrid systems-on-chip.

Further details for submission are available at http://ewh.ieee.org/soc/cas/dallas/dcas2014/papersubmission.html

INDUSTRY FORUM AND VENDOR EXHIBITS

This track is meant to provide a venue for companies to demonstrate novel applications, as well as a point of contact for cross-fertilization between academia and industry. Submissions are sought for industry forums and vendor exhibits on the latest technical developments on technologies that enable the Internet of Things. Proposals may be submitted to dcas2014@list.ti.com

IMPORTANT DATES

Industry Forum/ Vendor Exhibit Proposal	Paper Submission	Paper Acceptance	Camera-Ready Paper
August 31,2014	August 10, 2014	September 14, 2014	September 28, 2014

*Accepted and presented papers and posters will be published in the IEEE DCAS 2014 Conference Proceedings and IEEE Xplore®. Each presented paper requires a full conference registration (member or non-member rate). Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. All papers must be presented by an author of that paper at the conference, unless advance permission is granted by the organizing committee for a substitute.

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