

IEEE DALLAS CIRCUITS AND SYSTEMS CONFERENCE

Enabling Technologies for a Connected World

Lyle School of Engineering, Southern Methodist University

12-13 October, 2015

The 2015 IEEE Dallas Circuits and Systems Conference will be held at the Lyle School of Engineering on the Southern Methodist University campus, on October 12-13, 2015. It will feature a comprehensive showcase of technical papers, poster sessions, plenary talks by experts, and an industrial forum program featuring panel discussions and vendor exhibits. 2015 marks the 11th Dallas Circuits and Systems conference, and the first to be jointly sponsored by the IEEE Circuits and Systems and IEEE Solid-State Circuits Societies; and to mark the advancements seen in the field, the conference theme is “*Enabling Technologies for a Connected World*”.

CALL FOR PAPERS

Researchers from industry and academia are invited to submit original and previously unpublished ideas and work on topics related to the following areas:

Analog and RF mixed-signal design • data converters • transceivers • power management • low-power design • electronics for infrastructure systems • high performance computing • networks-on-chip • signal processing • digital integrated circuits • CAD technology • synthesis • design verification • design for test and manufacturability • power analysis • thermal analysis and temperature-aware design • physical design • packaging and board design • co-design methodologies • Electromagnetic compatibility • antennas • CMOS sensors and MEMS • sensor networks • reconfigurable systems • communications • encryption • security • data compression • hybrid systems-on-chip • embedded software tools • green electronics and computing • energy harvesting • nanoscale computing and nanoelectronics • ambient intelligence • bioengineering

Full details of the submission procedures are available at <http://ewh.ieee.org/soc/cas/dallas/dcas2015>

STUDENT PAPER CONTEST



Student authors are encouraged to participate in the student paper contest. Award winners will be selected based on the quality of the written papers and the oral presentations by the student author.

INDUSTRY FORUM AND VENDOR EXHIBITS

Submissions are sought for industry forums and vendor exhibits on the latest technical and business developments on technologies that enhance connectivity and enable smart lifestyles. Proposals may be submitted to dcas2015@list.ti.com

CONFERENCE DEADLINES

Industry Forum/
Vendor Exhibit Proposal
August 31, 2015

Paper Submission
August 10, 2015

Paper Acceptance
September 14, 2015

Camera-Ready Submission
September 28, 2015

Accepted papers will be published in the IEEE DCAS 2015 Conference Proceedings and IEEE Xplore®. Each accepted 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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