

IEEE TCAS-II Special Issue on Latest News from ISCAS 2016

The world of Circuits and Systems is rapidly changing as designers battle with the end of Moore's law, the push toward both dense and distributed systems, and an increasingly complex world with increasing user transparency. IEEE Transactions on Circuits and Systems-II (TCAS-II) has responded to this fast pace of changes in circuits and systems technology by becoming a venue for fast publication of novel and new results in the field for which timeliness of disclosure with the community is critical. We propose that ISCAS, as the flagship conference of the Circuits and Systems Society (CASS), should also respond to this fast pace of change by developing a new venue for post-deadline, late-breaking and high profile results of particular interest to the Circuits and Systems audience to be highlighted in a spotlight session called "Latest News". In an effort to assure the very highest quality papers, and to create a session of high prestige and impact papers deserving of particular attention and of specifically high interest, it is logical that partnership between ISCAS and TCAS-II be initiated through the creation of a Special Issue to highlight a very selective group of "Latest News" papers to be selected based on an open solicitation, a few months in advance of ISCAS 2016. The aim of this Special Issue is to publish technical papers reflecting the most recent research and application results in the broad area of Circuits and Systems. All topical areas spanning the technical breadth of CASS are encouraged in this special issue, including cross-cutting topics and those that reach beyond disciplines traditionally represented at ISCAS.

Authors are invited to submit a one-page Abstract and up to two pages of additional key supporting material (e.g., measurements, comparison with other work) following the schedule below. Authors of accepted abstracts should present their results in ISCAS 2016, and follow the normal IEEE Transactions on Circuits and Systems-II guidelines for their full paper submission to the TCAS-II website, but please choose "Special Issue ISCAS Latest News". Original research with significant novelty and experimental results is sought. Papers already accepted or published in conferences will not be considered for this Special Issue.

Schedule:

Deadline for 1-page Abstract: February 15, 2016

Notification of Acceptance: March 15, 2016

Deadline for Full TCAS II papers: May 15, 2016

Notification of First Review: 30 July, 2016

Completion of Final Review: 30 September, 2016

Publication: December 2016

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