Editorial

As the new year begins, a new editorial team takes over the duties of running these TRANSACTIONS. Vijay Narayanan and I will reprise, with renewed vigor, our prior roles as DEiC and EiC, respectively, with Sara Dailey staying on as Corresponding Editor.

I am pleased to report a modicum of success over our 2010–2011 term, in publishing new, relevant content, and by providing a pleasant experience to the contributor, reviewer, and reader. We will be assisted in this task by a new Editorial Board that represents a mix of continuity and change. The new members of the incoming team constitute about one-third of the Editorial Board. This is a distinguished group of experts: Jorg Henkel and Sri Parameswaran (embedded systems), Yitan Chen (emerging technologies), Deming Chen (FPGAs and reconfigurable systems), Yu (Kevin) Cao, Xin Li, and Hailong Qian (modeling and simulation), Chris Chu and Youngsou Shin (physical design), Jordi Cortadella, Marc Riedel, Sanjit Seshia, and Avi Ziv (synthesis and verification), and Anne Gattiker and Xiaoqing Wen (test). Welcome!

I would like to express my sincere appreciation to the outgoing Associate Editors for a job well done: Kia Bazargan, Valera Bertacco, Naohyuck Chang, Petru Eles, Jiang Hu, Andreas Kuehlmann, Fabrizio Lombardi, Subhasish Mitra, Steve Nowick, David Pan, Massimo Pencino, N. Ranganathan, Miguel Silveira, and Dennis Sylvester. The past year saw a number of other accomplishments. Administratively, the journal successfully made the transition to the ManuscriptCentral submission system. The smooth transition was facilitated by Sara Dailey, and she deserves unstained praise and thanks. We published a special section on ISPD’10 and keynote papers on high-level synthesis for FPGAs, error-tolerance in server-class processors, and resilient architectures, in addition to high-quality regular papers. Our acceptance rate of 39.3% largely reflects the selective prefiltering that authors apply as they consider a submission to TCAD; a large number of our submissions are extended versions of work that has been accepted to selective conferences. The two-year impact factor stands at 1.252, and the five-year impact factor at 1.494.

As we move into 2012, I would like to thank all the volunteer reviewers who have donated their time in helping us judge manuscripts, in providing valuable feedback to authors, and in ensuring that the papers that finally appear in the journal are, in many cases, significant improvements over the original submissions. The next few pages list an honor roll of these volunteers. (If your name does not appear on these pages and you would like to review for TCAD, please contact one or more Associate Editors in your areas of interest.)

We continue to look to the community for special content. This issue contains a special section on PAR-CAD: Parallel CAD Algorithms and CAD for Parallel Architectures/Systems. We expect to issue a call for papers on a special section on CAD for 3-D ICs soon, and we have several exciting keynote papers in store.

TCAD is in robust shape today, and we will continue and redouble our efforts to serve our readership in 2012. I look forward to working with the volunteers in our community again this year. If you have an idea that can help us improve in any way, do not hesitate to get in touch!

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Date of current version December 21, 2011
Digital Object Identifier 10.1109/TCAD.2011.2178171
0278-0070/11 $26.00 © 2011 IEEE