

Editorial

This issue marks the tenth anniversary of ACM TODAES. When the journal was first launched in January 1996, ACM TODAES was a pioneer in electronic publishing, offering issues distributed in three formats: hardcopy, electronic and CD-ROM. The original goal of “electronic” dissemination was to eliminate the delay resulting from accepted papers waiting to be assigned to printed issues—all accepted papers were “instantly” available on the ACM SIGDA TODAES server for immediate access. The annual CD-ROM format allowed subscribers to access all TODAES papers in electronic form on a local computer. In the past ten years, we have seen a significant shift in the modalities for the submission, review, acceptance and dissemination of peer-reviewed technical articles: the ubiquitous availability of the Internet, coupled with standardized software packages for management of the review process have almost completely eliminated the need for printed materials during the review process. ACM TODAES currently uses the Manuscript Central software for management of the entire submission and review process. Furthermore, the availability of all material through the ACM Digital Library has reduced the need for CD-ROM-based archives. It is likely that we will discontinue the CD-ROM-format as its usefulness diminishes. However, it appears that the community at large is not yet ready to eliminate the printed version of the journal. We will continue to disseminate ACM TODAES through the print format, as well as electronically through the ACM Digital Library.

Ten years ago, ACM TODAES was launched with the goal of establishing itself as a premier archival journal in the field of electronic design automation. Through the efforts of the community at large, combined with high-quality submissions and the dedicated efforts of the editorial board and the reviewers, I am pleased to say that this goal has been reached: TODAES continues to receive a large volume of high-quality submissions, and this has necessitated a concomitant doubling in the number of pages—from an original budget of 400 pages to almost 800 last year. In addition to regular papers, TODAES features highly cited tutorial and survey papers, as well as special issues based on extended manuscripts from the best papers of emerging conferences and workshops. Furthermore, the authors of the annual TODAES Best Paper Award are recognized at the awards ceremony during the opening session of the annual Design Automation Conference.

The editorial board has undergone some changes as well. First of all, I'd like to thank the following retiring Associate Editors (AEs) for several years of dedicated service: Jason Cong, Enrico Macii, Massoud Pedram, Shishpal Rawat, and Majid Sarrafzadeh. Their efforts have been instrumental in establishing and maintaining the high quality of papers accepted in ACM TODAES. As the number of submissions to TODAES continues to rise, our editorial board has been working even harder to manage the growing workload. Thus, I am pleased to announce the appointment of six new Associate Editors who will begin service with this issue: Sreejit Chakravarty (Intel Corporation), Peter Cheung

(Imperial College, London), Radu Marculescu (Carnegie Mellon University), Dirk Stroobandt (Ghent University), Hiroyuki Tomiyama (Nagoya University), and Sarma Vrudhula (Arizona State University). You will note that these editors come from different geographic regions of the world, and this also reflects the pattern of papers submitted to TODAES—it is a truly international journal!

We have several exciting issues coming up this year. The July 2006 issue of ACM TODAES will be guest edited by Professor Massoud Pedram and will feature a special section on the topic of “Novel Paradigms in System-Level Design”, based on papers from the recent ACM SIGDA Multimedia Monograph series; this issue will be distributed with a DVD containing talks from the 2005 ACM SIGDA Multimedia Monograph Series. The October 2006 issue of ACM TODAES will feature a special issue titled “Formal Methods and Models for Hardware/Software Codesign”, with Drs. Connie Heitmeyer and John O’Leary serving as the guest editors. This issue will contain some of the best papers from the recent MEMOCODE 2005 conference, as well as other recent contributions in this area.

While much has changed logistically in the first ten years of ACM TODAES as a journal, the papers appearing in TODAES continue to be of the highest quality, and the editorial board is dealing with an ever increasing number of high-quality submissions. Indeed, this is a problem that we enjoy dealing with! As we enter the second decade of ACM TODAES, I look forward to your help and feedback in continuing this positive trajectory.

In closing, I wish all of our readers a very happy, safe, and productive new year!

NIKIL DUTT
Editor-in-Chief