A MESSAGE FROM THE CHAIR

Recent trends show that our industry is very much alive and well, including decent economic growth of several electronic design automation (EDA) sectors and a return of company mergers and acquisitions, especially in emerging areas such as design for manufacturability (DFM). In this context, DATC’s role remains relevant as a source of practical knowledge and networking in emerging topics and geographies around IC design. Indeed, as we reflect on what we have accomplished so far this year, we can see that we have already made great progress, especially in the areas of system-level design and geographically global design. The role of our technical committees is evolving in this era of greatly facilitated global collaboration and competition. As a result, we are currently focusing on topic expansion and practical education around emerging design areas.

On the editorial side, DATC has driven both our new online newsletter and our traditional offline newsletter (this D&T version), thus leveraging the advantages of both types of media and reaching a growing number of readers from the leading IC design community. On the conference support side, DATC has increased the number of conferences it supports, including those in increasingly growing regions such as Eastern Europe and Scandinavia. Examples include the International Water Security Conference and the Microelectronics Systems Conference. These are in addition to our traditional list of conference sponsorships and support, plus recent visibility initiatives at conferences such as the Design Automation Conference (DAC).

DATC has also revitalized its Web site, and is organizing its annual meeting during the International Conference on Computer-Aided Design (ICCAD), where we are establishing a comprehensive tutorial around the concept of global system design to coincide with this meeting. This is a first for DATC, and hopefully will be the start of a series of worldwide, free tutorials to support global system design. We have also supported an initiative to develop IC design certifications with a focus on emerging geographies, under the auspices of the IEEE Council on Electronic Design Automation (CEDA). Several other initiatives are under consideration, including a fully supported IP library backed by the IEEE infrastructure. Most importantly, all of these accomplishments and initiatives were driven by an outstanding DATC team—the chair (yours truly) being merely a coordinator.

Juan-Antonio Carballo
DATC chair

CALENDAR

IP Based Electronic System Conference (IP 07)
Design and Reuse 10th Anniversary: A 10 Years IP Retrospective
5-6 December 2007
Grenoble, France
http://www.us.design-reuse.com/ip07

9th International Symposium on Quality Electronic Design (ISQED 08)
17-19 March 2008
San Jose, California
http://www.isqed.org

CONTRIBUTIONS TO THIS NEWSLETTER: Please send any contributions for this IEEE Design & Test newsletter to Joe Damore, 36 Hagan Drive, Poughkeepsie, NY 12603; phone +1 845 462 1364; fax +1 845 463 4311; joepdamore@aol.com.