

## Conference Reports

### European Test Symposium 2010

The 15th IEEE European Test Symposium, which received 155 submissions from 32 countries, took place 24-28 May in Prague, Czech Republic, and attracted more than 180 test professionals from 27 countries. Keynote speakers Michael Campbell (Qualcomm CDMA Technologies) addressed the impact of product complexity on test and Abhijit Chatterjee (Georgia Tech) described future self-aware wireless communication and signal processing systems. Program highlights included embedded tutorials, panel discussions, and a Test Spring School for PhD students. For a full report, visit [http://www.computer.org/dt/conf\\_reports](http://www.computer.org/dt/conf_reports).

—Ondrej Nov (Technical University of Liberec) and Sybille Hellebrand (University of Paderborn)

## Panel Summaries

### International On-Line Test Symposium

The 16th IEEE International On-Line Test Symposium, held 5-7 June, featured a panel focused on soft-error rates and standards. SER per chip is predicted to increase 7× when the industry moves from 130-nm to 22-nm technology, highlighting the importance of SER measurement standards. The panel discussed new technical discoveries and agreed that JEDEC should be asked to form a task group to address updating JESD89. Areas covered included lower-energy particles; soft error cross-section; devices other than SRAM and DRAM; thermal neutrons; multimode effects; and alpha SER. For a full report, visit [http://www.computer.org/dt/panel\\_summaries](http://www.computer.org/dt/panel_summaries).

—Charles Slayman (Ops A La Carte)

■ **CONTRIBUTIONS:** Send conference reports and panel summaries to Yervant Zorian, Virage Logic, 47100 Bayside Parkway, Fremont, CA 94538; [zorian@viragelogic.com](mailto:zorian@viragelogic.com).

### Search for Editor-In-Chief of *IEEE Transactions on Very Large Scale Integration (VLSI) Systems* Call for Applications and Nominations

The *IEEE Transactions on Very Large Scale Integration (VLSI) Systems (TVLSI)* is published as an archival monthly journal under the co-sponsorship of the IEEE Circuits and Systems Society, IEEE Computer Society, and IEEE Solid-State Circuits Society. We are currently seeking nominations and applications for the position of the Editor-in-Chief (EIC) of the *IEEE Transactions on Very Large Scale Integration (VLSI) Systems* for the publication years, 2011 and 2012.

The design and realization of microelectronic systems based on nanometer VLSI technologies require multi-disciplinary collaboration in the fields of systems architecture, logic and circuit design, integrated circuit fabrication, packaging, testing, and systems applications. The *IEEE Transactions on Very Large Scale Integration (VLSI) Systems* serves as a common forum to address these critical areas. The editorial board, consisting of international experts, invites original papers which emphasize and focus on the novel systems integration aspects of microelectronic systems. Coverage of these Transactions will therefore focus on nanometer VLSI systems integration. For more information on the journal, refer to [www.princeton.edu/~tvlsi/](http://www.princeton.edu/~tvlsi/).

Applicants must have strong, relevant experience in roles such as author, reviewer, and associate editor for TVLSI and/or other related journals, and/or a technical program chair or similar roles in high quality, peer-reviewed conferences. To attract high quality papers to the journal, the EIC must also be a well-recognized leader in his/her areas of expertise. Key qualities of the EIC are an outstanding understanding of the needs of the research community at academic as well as industrial and government laboratories, awareness of changing emphases in research areas and development of emerging fields, plus the administrative skills to manage the editorial cycle in a timely fashion. The EIC must also be able to attract respected experts to his/her editorial board. The EIC must have good interpersonal skills to maintain good rapport with authors, editors, reviewers, and the IEEE staff.

Applications or nominations must include an application/nomination letter, a full complete curriculum vita (CV), a personal statement summarizing their vision and plans for TVLSI, and also a letter from their employer indicating support for the EIC activity. Please email the materials as a single zip file to [friedman@ece.rochester.edu](mailto:friedman@ece.rochester.edu). The last date to receive nominations is November 15, 2010. The target start date for the new EIC is January 1, 2011.

# IEEE computer society

**PURPOSE:** The IEEE Computer Society is the world's largest association of computing professionals and is the leading provider of technical information in the field.

**MEMBERSHIP:** Members receive the monthly magazine *Computer*, discounts, and opportunities to serve (all activities are led by volunteer members). Membership is open to all IEEE members, affiliate society members, and others interested in the computer field.

**COMPUTER SOCIETY WEBSITE:** [www.computer.org](http://www.computer.org)

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**CHAPTERS:** Regular and student chapters worldwide provide the opportunity to interact with colleagues, hear technical experts, and serve the local professional community.

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- IEEE senior member grade application (requires 10 years practice and significant performance in five of those 10)

## PUBLICATIONS AND ACTIVITIES

**Computer:** The flagship publication of the IEEE Computer Society, *Computer*, publishes peer-reviewed technical content that covers all aspects of computer science, computer engineering, technology, and applications.

**Periodicals:** The society publishes 13 magazines, 18 transactions, and one letters. Refer to membership application or request information as noted above.

**Conference Proceedings & Books:** Conference Publishing Services publishes more than 175 titles every year. CS Press publishes books in partnership with John Wiley & Sons.

**Standards Working Groups:** More than 150 groups produce IEEE standards used throughout the world.

**Technical Committees:** TCs provide professional interaction in more than 45 technical areas and directly influence computer engineering conferences and publications.

**Conferences/Education:** The society holds about 200 conferences each year and sponsors many educational activities, including computing science accreditation.

**Certifications:** The society offers two software developer credentials. For more information, visit [www.computer.org](http://www.computer.org)/certification.

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