CALL FOR PAPERS

Special Issue on
Demonstrable Software Systems and Hardware Platforms

This year we are pleased to announce a special issue of ACM TODAES on the Demonstrable Software Systems and Hardware Platforms. We are interested in research works that are dedicated to prototype software systems and/or experimental hardware platforms that offer a significant innovation in tackling today’s important problems. Good examples include a power minimization software tool using MTCMOS, a dynamic thermal management tool for a high-performance microprocessor, a best-of-breed placement tool, a new nano-device simulator, etc. We require that the practical aspects of the software tool or hardware platform development should be accompanied by new and substantive algorithmic and/or theoretic enhancements.

Submissions are encouraged from the technical papers that describe the works presented at the SIGDA/DAC University Booth in San Francisco, 2006. The submission may be based on the works that were published in previous refereed conferences such as DAC and ICCAD. However, specific preference will be given to the expanded manuscripts based on the technical papers and Student Design Contest papers at DAC 2006. If the submission is an expanded version of a DAC or other archival workshop/conference paper, it should have at least 30% new material, and the authors should state clearly how the submission differs from and/or expands on the workshop/conference paper. Please submit your paper to http://mc.manuscriptcentral.com/acm in the TODAES section. Also, please write “SPECIAL ISSUE ON DEMONSTRABLE SOFTWARE SYSTEMS AND HARDWARE PLATFORMS” on your cover page and in the notes section of the Web site submission form. We expect a shorter turnaround time for this special issue.

About the SIGDA/DAC University Booth: The SIGDA/DAC University Booth has been providing an opportunity for the university community to demonstrate EDA tools, design projects, and instructional materials at the Design Automation Conference since 1987. The University Booth also provides space for the presentation of EDA vendor literature and programs of interest to the university community. The University Booth provides booth space, poster areas, computers, printers, and a high-speed connection to the Internet for participating universities. The SIGDA/DAC University Booth also provides travel grants to the participating students to cover the transportation and lodging expense. Interested university groups are encouraged to apply via our on-line registration site (http://www.sigda.org/ubooth.html), which typically opens 3 months before Design Automation Conference.

Important Dates

Submission Deadline: 8/31/06
Acceptance Notice: 2/28/07
Final Manuscript Due: 3/31/07

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