



CALL FOR PAPERS

Special Issue on Demonstrable Software Systems and Hardware Platforms II

DEADLINE EXTENDED TO 9/03/07

We are pleased to announce a call for papers for a second special issue of ACM TODAES on Demonstrable Software Systems and Hardware Platforms. We are interested in research efforts that are dedicated to prototype experimental software systems and/or hardware platforms. Papers should demonstrate how these systems advance the fundamental science of electronic design automation (EDA) and/or offer a significant innovation in their application. Examples of relevant projects might include a system level design tool for improved thermal management, a radiation simulator for testing reconfigurable devices, an optical proximity correction tool for < 65 nm processes, etc. Practical aspects of the software tool or hardware platform development should be accompanied by new and substantive algorithmic and/or theoretic results.

Submissions are encouraged from technical papers that describe the works presented at the SIGDA/DAC University Booth in San Diego, 2007. The submission may be based on works that were previously published in refereed conferences such as DAC or ICCAD, however submissions of expanded manuscripts based on the technical papers and Student Design Contest papers at DAC 2007 are especially encouraged. If the submission is an expanded version of a workshop/conference paper, it should contain 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 II" 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 provides an opportunity for the university community to demonstrate new EDA tools, design projects, and instructional materials at the Design Automation Conference. The University Booth also provides space for the presentation of EDA vendor literature and programs of interest to the university community. Student participants in the University Booth are typically provided with travel grants to defray the cost of attending the Design Automation Conference. In 2006, the booth had nearly 50 demonstrations from all over the United States, Canada, Brazil, Japan, Korea, France, Singapore, and Taiwan. In honor of our 20th anniversary in 2007 the booth was redesigned thanks to sponsorship by Mentor Graphics, Inc.

Important Dates

Extended Deadline: 9/03/07
Acceptance Notice: 2/04/08
Final Manuscript Due: 3/31/08

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