



DESIGN AUTOMATION CONFERENCE

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46th Design Automation Conference to Offer Nine Workshops

LOUISVILLE, Colo. – June 2, 2009 – Attendees of the 46th Design Automation Conference (DAC) will be able to choose from among nine in-depth workshops on a variety of timely and practical topics. This year’s program includes workshops on design for manufacturing (DFM) and system-level design topics, as well as the emerging bio-design automation area. A new workshop this year addresses the needs of young faculty and others who are considering a career in academia. The [46th DAC](#) will be held July 26 - 31 at the Moscone Center in San Francisco.

“DAC workshops allow attendees to stay current in focused technology areas, to learn about new topics from world-class experts, and to network with others who share similar interests,” said Andrew B. Kahng, general chair, 46th DAC Executive Committee. “We hope that this year’s workshop lineup will provide high value to attendees and successfully continue the trend of expanding DAC beyond what can fit into the technical sessions, panel sessions and tutorials.”

DFM and the Manufacturing Interface

Moving from Traditional to Equation-Based DRC, a half-day workshop, will introduce a new equation-based DRC (eqDRC) approach and illustrate its advantages. The workshop will take place on Sunday, July 26, from 2:00 p.m. to 5:30 p.m.

press release

General Interest

A workshop of general interest will focus on the issues faced by young faculty and those who plan to enter academia. The *Young Faculty Workshop* is a full-day workshop on Monday, July 27, from 9:00 a.m. to 5:00 p.m.

Workshop for Women in Design Automation (WWINDA)

The 14th annual WWINDA is a half-day session, held on Monday, July 27, from 9:00 a.m. to 1:45 p.m. This year's workshop will focus on issues surrounding the choice between a technical career path and the management track. Dr. Telle Whitney, president and CEO of the Anita Borg Institute, will give the workshop's opening keynote address which will be followed by an interactive panel discussion.

New and Emerging Technologies

The *International Workshop on Bio-Design Automation* will focus on the conjunction of the synthetic biology and EDA communities with a focus on the applicability of electronic circuit design methodologies to bio-design automation. This full-day workshop will be held on Monday, July 27, from 8:00 a.m. to 6:00 p.m.

Physical Verification

The half-day workshop *Meeting the Challenges of ESD/ERC in a Mixed-Signal World* will take place on Sunday, July 26, from 2:00 p.m. to 5:30 p.m. The workshop will demonstrate how to apply Programmable Electrical Rule Checking (PERC) technology within the rule checking process, to rapidly find and correct ERC violations in a design.

System-Level and Embedded Workshops

Three workshops will focus on system-level and embedded design. *Multiprocessor System-On-Chip (SOC): Current Trends and the Future*, a full-day workshop, will be held on Sunday, July 26, from 8:00 a.m. to 5:00 p.m. Speakers will address strategies for future system design with an emphasis on architectures, design flow, tool development, applications and system design.

Another full-day workshop, *6th UML – SOC at the 46th DAC*, also will be held on Sunday, July 26, from 8:00 a.m. to 5:00 p.m. Presenters will introduce executable UML and its application to electronic system design. Special attention will be given to interactive discussions and the exchange of ideas among the workshop participants.

The *Virtual Platform Workshop at DAC* will be held on Wednesday, July 29, from 9:00 a.m. to 5:30 p.m. and will focus on virtual platforms, an emerging cornerstone in SOC design validation.

For additional information about the 46th DAC workshops, visit

<http://www.dac.com/events/searchevents.aspx?EventType=Workshop&confid=95>.

About DAC

The Design Automation Conference (DAC) is recognized as the premier event for the design of electronic circuits and systems, and for Electronic Design Automation (EDA) and silicon solutions. A diverse worldwide community representing more than 1,000 organizations attends each year, from system designers and architects, logic and circuit designers, validation engineers, CAD managers, senior managers and executives to researchers and academicians from leading universities. Close to 60 technical sessions selected by a committee of electronic design experts offer information on recent developments and trends, management practices and new products, methodologies and technologies. A highlight of DAC is its Exhibition and Suite area with approximately 200 of the leading and emerging EDA, silicon, IP and design services providers. The conference is sponsored by the Association for Computing Machinery (ACM), the Electronic Design Automation Consortium (EDA Consortium), and the Institute of Electrical and Electronics Engineers (IEEE), and is supported by ACM's Special Interest Group on Design Automation (SIGDA) and IEEE's Council on Electronic Design Automation (CEDA), Circuits and Systems Society (CASS), and Computer-Aided Network Design (CANDE) Committee. More details are available at: www.dac.com.

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