

Press Release

The International Conference on Computer Aided Design (ICCAD) Previews Submissions, Keynote, and Co-Located Workshops

For the first time, co-located technical workshops to will bridge the gap between traditional, device-level conferences and EDA

BOULDER, Colorado – June 3, 2008 – With continued strong participation from around the world, including North America, Europe, and Asia, the International Conference on Computer Aided Design (ICCAD) received nearly 500, high-quality technical paper submissions. Final acceptance notifications will be distributed on June 25, 2008, and the final program will be published on the website in August 2008. ICCAD will be held from November 10 -13 at the DoubleTree Hotel in San Jose, California.

“ICCAD continues to be the premiere conference devoted to technical innovations in design automation of devices, circuits, and systems,” stated Sani Nassif, ICCAD 2008 General Chair. “As the number of conferences and meeting options for professionals and academics continues to grow, ICCAD remains uniquely recognized as the place where the most in-depth and respected research work in EDA is presented. This year we are enhancing ICCAD by offering our global set of attendees the option of attending a number of co-located workshops to further drill down in specific areas, and a strong line-up of keynotes that reflects the future of the broader fields of design automation.”

Outstanding Keynotes

Such progress comes in the wake of a very successful 2007 program that included two extremely well-received keynotes from both Jeffrey Welsler from the Nano-Electronics Research Initiative and John Kibarian from PDF Solutions.

This year, we are pleased to announce Mary Lou Jepsen, founder and CEO of Pixel Qi, and formerly the founding chief technology officer of the iconic One Laptop per Child (OLPC) project. Ms. Jepsen brings a unique perspective of design of systems and a future vision of the display-as-computer that will likely drive the future of personal electronics.

Co-Located Workshops

As the ICCAD ecosystem broadens and the need for effective technical conferencing and networking soars in our industry, ICCAD has started an initiative to host a selected number of co-located workshops. These workshops are not only related to the field of automated design, but also of the same caliber as the conference itself, thereby focusing on quality versus quantity. The workshops will leverage the entire conference management infrastructure and allow attendees to add a focused one-day technical activity with a minimum of disruption to travel schedules.

As an example of these co-located workshops, one will focus on compact variability modeling, i.e. the representation of silicon manufacturing process variations in compact Spice-level models. The workshop fills a gap between traditional device-level conferences like the International Electronic Device Meeting (IEDM) and EDA conferences such as ICCAD because it is widely recognized that process variation is emerging as a fundamental challenge to IC design with scaled CMOS technology and it is expected to have a profound impact on nearly all aspects of circuit performance. Of course, handling variability in the EDA tools used in the design process will require accurate and appropriate models of variability and its dependence on designable parameters (i.e. layout), as well as its spatial and temporal distribution. This type of model is quite different from the “corner case” models deployed thus far to model manufacturing variability.

About ICCAD

The International Conference on Computer-Aided Design (ICCAD) is the world's premier conference in electronic design technology and has served EDA and Design professionals for the last 25 years by highlighting new challenges and breakthrough innovative solutions for integrated circuit design technologies and systems. To learn more, please visit the ICCAD website at www.iccad.com.

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