Opening Session & Award Presentations

Room: Almaden 1 & 2

Opening Remarks -
Jörg Henkel - General Chair - Karlsruhe Institute of Technology (KIT)

Award Presentations

IEEE/ACM William J. McCalla ICCAD Best Paper Award
This award is given in memory of William J. McCalla for his contribution to ICCAD and his CAD technical work throughout his career.

Front End
2B.1 Improved SAT-based ATPG: More Constraints, Better Compaction
Stephan Eggersglüß, Robert Wille, Rolf Drechsler - Univ. of Bremen / DFKI

Back End
5B.2 Methodology for Standard Cell Compliance and Detailed Placement for Triple Patterning Lithography
Bei Yu, Xiaoqing Xu, Jhih-Rong Gao and David Z. Pan - Univ. of Texas at Austin

ICCAD Ten Year Retrospective Most Influential Paper Award
This award is being given to the paper judged to be the most influential on research and industrial practice in computer-aided design of integrated circuits over the ten years since its original appearance at ICCAD.

Authors: Hongliang Chang, Sachin S. Sapatnekar - Univ. of Minnesota
Publication: ICCAD 2003 Proceedings: pp. 621-625

IEEE CEDA Early Career Award
David Atienza, Assistant Professor of Electrical Engineering and Director of the Embedded Systems Laboratory at EPFL
For sustained and outstanding contributions to design methods and tools for multi-processor systems-on-chip (MPSoC), particularly for work on thermal-aware design, low-power architectures and on-chip interconnects synthesis.

IEEE CEDA Early Career Award
Zhuo Li, IBM T. J. Watson Research Center
For essential and outstanding contributions to algorithms, methodologies, and software for interconnect optimization, physical synthesis, parasitic extraction, testing and simulation.

IEEE CEDA Outstanding Service Contribution
Alan Hu, Univ. of British Columbia
For significant service to the EDA community as the 2012 ICCAD General Chair

2013 SIGDA Pioneering Achievement Award
Donald E. Thomas, Dept. of Electrical and Computer Engineering, Carnegie Mellon Univ.
For his pioneering work in making the Verilog Hardware Description Language more accessible for the design automation community and allowing for faster and easier pathways to simulation, high-level synthesis, and co-design of hardware-software systems.

ACM/SIGDA CADathlon
Introduction of the 2013 winners.