

Opening Session/Awards Presentations

Monday, November 7, 2005 • 9:00 am Pine/Fir Ballroom

Opening Remarks

Majid Sarrafzadeh - ICCAD-2005 General Chair, Univ. of California, Los Angeles, CA

Soha Hassoun - ICCAD-2005 Program Chair, Tufts Univ., Medford, MA

Award Presentations

IEEE/ACM William J. McCalla ICCAD Best Paper Award

This award is given in memory of William J. McCalla, for his contributions to ICCAD and his CAD technical work throughout his career.

Zhenhai Zhu - Cadence Design Systems, Inc., Berkeley, CA

Jacob K. White - Massachusetts Institute of Tech., Cambridge, MA

FastSies: A Fast Stochastic Integral Equation Solver for Modeling the Rough Surface Effect

Session 8A.1, Wednesday, November 9 at 8:30 am in the Donner Ballroom

IEEE Circuits and Systems Society 2005 Meritorious Service Award

Michael K. Sain - Univ. of Notre Dame, Notre Dame, IN

As Vice President for Administration and in other management positions in the CAS Society, and then for many years CAS Society Newsletter Editor, Michael Sain provided long-term and dedicated service to the Society. He successfully oversaw the difficult challenges of the transition of the Newsletter to its present Magazine status.

SIGDA 2005 Outstanding New Faculty Award

David Z. Pan - Assistant Professor, Univ. of Texas, Austin, TX

For a junior faculty member early in her or his academic career who demonstrates outstanding potential as an educator and/or researcher in the field of electronic design automation.

ACM/SIGDA CADathlon Award

Awards will be presented to the winners of the Sunday programming contest.

ACM Outstanding Ph.D. Dissertation Award in Electronic Design Automation

Shuvendu K. Lahiri - Carnegie Mellon Univ., Pittsburgh, PA

Unbounded System Verification using Decision Procedure and Predicate Abstraction

Monday Keynote Address

The Cell Processor: Applications, Architecture, and Design in the Multicore Era

H. Peter Hofstee - Cell Chief Scientist and Cell Synergistic Processor Chief Architect, IBM Systems and Technology Group, Austin, TX