IEEE/ACM William J. McCalla ICCAD Best Paper Award Candidates

TUESDAY, NOVEMBER 14

4B.2 Speeding Up Crossbar Resistive Memory by Exploiting In-memory Data Patterns
Wen Wen, Lei Zhao, Youtao Zhang, Jun Yang – Univ. of Pittsburgh

5D.1 ATRIUM: Runtime Attestation Resilient Under Memory Attacks
Shaza Zeitouni, Ghada Dessouky, Ahmad Ibrahim, Ahmad-Reza Sadeghi –Technische Univ. Darmstadt
Orlando Arias – Univ. of Central Florida
Dean Sullivan, Yier Jin – Univ. of Florida

6A.4 COMBA: A Comprehensive Model-Based Analysis Framework for High Level Synthesis of Real Applications
Jieru Zhao, Liang Feng, Wei Zhang – Hong Kong Univ. of Science and Technology
Sharad Sinha – Nanyang Technological Univ.
Yun (Eric) Liang – Peking Univ.
Bingsheng He – National Univ. of Singapore

WEDNESDAY, NOVEMBER 15

8A.3 SALT: Provably Good Routing Topology by a Novel Steiner Shallow-Light Tree Algorithm
Genjie Chen, Peishan Tu, Evangeline F.Y. Young – Chinese Univ. of Hong Kong

8C.1 Adaptive Error Recovery in MEDA Biochips Based on Droplet-Aliquot Operations and Predictive Analysis
Zhanwei Zhong, Zipeng Li, Krishnendu Chakrabarty – Duke Univ.

10B.1 Cost-Effective Design of Scalable High-Performance Systems using Active and Passive Interposers
Dylan Stow, Yuan Xie – Univ. of California, Santa Barbara
Taniya Siddiqua, Gabriel H. Loh – Advanced Micro Devices, Inc.

IEEE/ACM William J. McCalla ICCAD Best Paper Award Selection Committee

Naehyuck Chang (Chair) - *Korea Advanced Institute of Science and Technology (KAIST)*
Deming Chen - *Univ. of Illinois Urbana-Champaign*
Azadeh Davoodi - *Univ. of Wisconsin - Madison*
Gang Qu - *Univ. of Maryland, College Park*
Xuan Zeng - *Fudan Univ., China*

Ten-Year Retrospective Most Influential Paper Award Selection Committee

Jason Cong (Chair) - *Univ. of California, Los Angeles*
Duane Boning - *Massachusetts Institute of Technology*
Vivek De - *Intel Corp.*
Ramesh Karri - *New York Univ.*
Tulika Mitra - *National Univ. of Singapore*