

Opening Session and Awards

Time: 6:30 -7:00am

Start off the conference with opening remarks from the ICCAD Executive Committee members and hear the highlights of the conference. The IEEE/ACM William J. McCalla ICCAD Best Paper award will be announced along with other award presentations from IEEE CEDA and ACM. .

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.

Front-End Award:

8C.1: HyperFuzzing for SoC Security Validation

Sujit Kumar Muduli, Gourav Takhar and Pramod Subramanayan - *Indian Institute of Technology Kanpur*

Back-End Award:

1B.1: Electromigration Checking Using a Stochastic Effective Current Model

Adam Issa - *Univ. of Toronto*
Valeriy Sukharev - *Mentor, A Siemens Business*
Farid N. Najm - *Univ. of Toronto*

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 over the ten years since its original appearance at ICCAD.

2010 Paper Titled: 3D-ICE: Fast Compact Transient Thermal Modeling for 3D Ics with Inter-Tier Liquid Cooling

A. Sridhar, A. Vincenzi, M. Ruggiero, T. Brunschwiler and D. Atienza, ICCAD 2010 pp. 463-470, doi:10.1109/ICCAD.2010.5653749.

IEEE FELLOWS

Partha Pratim Pande - *Washington State Univ.*
For contributions to network-on-chip architectures for manycore computing.

Maciej Ciesielski - *Univ. of Massachusetts*
For contributions to logic synthesis and formal verification of arithmetic circuits.

IEEE CEDA OUTSTANDING SERVICE RECOGNITION

David Pan - *The Univ. of Texas at Austin*
For outstanding service to the EDA community as ICCAD General Chair in 2019.

IEEE CEDA ERNEST S. KUH EARLY CAREER AWARD

Prof. Yier Jin - *Univ. of Florida*
For contributions to hardware security.