

32nd DAC Awards

1995 Best Paper Awards

This year, awards are made for the best papers in four categories. Winners are determined from detailed reviews of the accepted papers in the technical sessions. Each award is accompanied by a plaque and a cash award of \$400. The awards are given by ACM/SIGDA (Special Interest Group on Design Automation), IEEE/CAS (Institute of Electrical and Electronics Engineers/Circuits and Systems Society) and EDAC (Electronic Design Automation Companies).

Physical Design, Electrical Simulation, High Speed and Analog Design

Paper 13.1: *"Spectral Partitioning: The More Eigenvectors, The Better"*

Authors: **Charles J. Alpert, So-Zen Yao**

Affiliation: Cadence Design Systems, Inc., San Jose, CA

High-Level and System Synthesis

Paper 19.1: *"DELAY: An Efficient Tool for Retiming and Realistic Delay Modeling"*

Authors: **Marios Papaefthymiou, Kumar Lalgudi**

Affiliation: Yale Univ., New Haven, CT

Logic Synthesis, Verification and Test

Paper 32.1: *"Verification of Arithmetic Circuits and Binary Moment Diagrams:"*

Authors: **Randal E. Bryant, Yirng-An Chen**

Affiliation: Carnegie Mellon Univ., Pittsburgh, PA

Use of CAD and CAD Systems

Paper 18.2: *"Behavioral Synthesis Methodology for HDL-Based Specification and Validation"*

Authors: **David Knapp, Don MacMillen, Tai Ly, Ron Miller**

Affiliation: Synopsis, Inc., Mountain View, CA

1994 SIGDA Meritorious Service Awards

Patrick M. Hefferan

For contributions in support of the SIGDA Newsletter

Charlotte F. Acken

For contributions in support of the Undergraduate Scholarship Program

1995 ACM Fellows

The ACM Fellow Program recognizes and honors outstanding ACM members for their achievements in computer science and information technology and for their significant contributions to the mission of ACM. Among the ACM Fellows of 1995 are the following who have made contributions to the field of electronic CAD and VLSI systems.

Henry Fuchs - Univ. of North Carolina, Chapel Hill, NC

Lawrence Snyder - Univ. of Washington, Seattle, WA

Chak-Kuen Wong - Chinese Univ. of Hong Kong, Shatin N.T., Hong Kong

Franco Preparata - Brown Univ., Providence, RI

Jeffrey Ullman - Stanford Univ., Stanford, CA

1995 IEEE Fellows

The grade of Fellow recognizes unusual distinction in the profession and shall be conferred only by invitation of the Board of Directors upon a person of outstanding and extraordinary qualifications and experience in IEEE designated fields, who has made important individual contributions to one or more of these fields.

Charles W. Rosenthal - Engineering Consultants, Portland, OR

Design Automation Conference Scholarship Awards

The Design Automation Conference is sponsoring several \$12,000 scholarships to support graduate research in Design Automation (DA), with emphasis in "electronic and computer design and test automation". Each scholarship is awarded directly to a university for the Faculty Investigator to expend in direct support of one or more DA graduate students.

The criteria for granting such a scholarship is: the academic credentials of the student(s); quality and applicability of the proposed research; and the impact of the award on the DA program at the institution. Preference will be given to institutions which are trying to establish new DA research programs.

For instructions on submitting a scholarship proposal and details on the conditions of such a grant, please contact: Herschel H. Loomis, Jr., Dept. of ECE, Code EC/Lm, Naval Post graduate School, Monterey, California 93943-5000; telephone (408) 656-3214; email address on MILNET loomis@ece.nps.navy.MIL. Proposals are due by 27 March 1996; notifications of the awards will be made on 30 April 1996.

1994 Design Automation Conference Scholarship Awards

- Professor **Dong S. Ha** of Virginia Polytechnic Institute for Gyoochan Sim and Insung Park
- Professors **Rafic Makki** and **Zbigniew Michalewicz** of the University of North Carolina at Charlotte for Donald Whisnant
- Professor **Majid Sarrafzadeh** of Northwestern University for Salil Raje and Amir E. Farrahi
- Professor **Martin Wong** of the University of Texas at Austin for Honghua Yang, Kai Zhu, and Shassihidhar Thakur

Advancement in Computer Science and Electrical Engineering Undergraduate Scholarships

The objective of the ACSEE Scholarship program is to increase the pool of professional in Electrical Engineering and Computer Science from under-represented groups (Women, African American, Hispanic, Native American, and Physically Challenged). In 1989, ACM Special Interest Group on Design Automation (SIGDA) began providing the program. Beginning in 1993, the Design Automation Conference provides the funds for the scholarship and SIGDA continues to administer the program for DAC. DAC funds two \$4000 scholarships renewable up to 5 years to graduating high schools seniors. The former International Daisy User Group funds one \$1000 one-time-only scholarship. The 1995 winners will be announced at the Conference.

This year, the ACSEE scholarship program celebrates the graduation of its first graduates: Mr. Chris Silva from San Jose State University with a degree in Computer Engineering; Ms. Tessa Wilbert from the University of California at Davis with a double major in Computer Science and Electrical Engineering; and Ms. Kim Dinh from the University of Nevada, Las Vegas with a degree in Computer Science Secondary Teaching.

For more information about ACSEE, please contact Dr. Charlotte Acken, Sandia National Laboratories, MS 9405, P.O. Box 969, Livermore, California 94550-0969, email address cfacken@sandia.gov.

1994 DAC/IDUG ACSEE Undergraduate Scholarships

- DAC \$4K: **Shanti Sleight**, Hayward, CA
DAC \$4K: **Minja Trklja**, Santa Barbara, CA
IDUG \$1K: **Christina Martinez**, Newark, NJ