



# IEEE INTERNATIONAL CONFERENCE ON COMPUTER-AIDED DESIGN

## ICCAD-87

A CONFERENCE FOR THE  
EE CAD PROFESSIONAL

NOVEMBER 9-12, 1987  
SANTA CLARA, CA

# CALL FOR PAPERS

sponsored by  
COMPUTER SOCIETY of the IEEE  
IEEE CIRCUITS AND SYSTEMS SOCIETY  
in cooperation with  
IEEE ELECTRON DEVICES SOCIETY  
ACM SPECIAL INTEREST GROUP  
ON DESIGN AUTOMATION

### THE CONFERENCE

The 1987 INTERNATIONAL CONFERENCE ON COMPUTER-AIDED DESIGN will be held NOVEMBER 9-12, 1987. The Conference is oriented towards Electrical Engineering CAD professionals, concentrating on CAD for Electronic Circuit Design.

### AREAS OF INTEREST

Papers on (but not limited to) the following topics are invited:

- Simulation: Functional, Logic, Timing, Circuit, Device and Process Simulation, Modeling.
- Layout: Placement, Routing, Floor Planning, Interactive and Symbolic Layout, Circuit Extraction, Design Rule Checking.
- Test: Test Pattern Generation, Testability, Built-in-Test, Fault Simulation.
- Systems: Design Synthesis, Silicon Compilers, Expert Systems, Tool Integration, Data Base Management, Hardware Acceleration, CAD Systems.

All papers should be suitable for a 25 minute presentation, and must not have been previously published.

### AUTHOR INFORMATION

Authors should submit 12 COPIES of both a 1-paragraph abstract and a more detailed description not to exceed 1500 words or six pages (double-spaced). Excessively long submissions may be returned to the authors.

Format:

The 1-PARAGRAPH ABSTRACT, typed on one separate page, should clearly and precisely state what is *new* and point out the significant results. Succinctness is required since this paragraph may be included in the Advance Program.

An author must somehow in the 1500 WORD DESCRIPTION objectively address the question why the proposed contribution is superior to prior work or what is the significance of the contribution if breaking new ground. Demonstration of superiority in algorithms and strategies with heuristics is required through a description of the programming implementation and application to "real" problems. Additional mathematical proofs are welcome. The contribution should address an area of current technical interest to the CAD professional. A clear description of the new contribution, status of the work and significant examples and results should be given. References, figures and tables are not counted as part of the 1500 words.

Submissions should include, on the first page: the title of the paper, full author names and their affiliations, complete return address and telephone number (with the individual to whom all communications should be addressed clearly identified.) In giving your return address, please consider that the communications for paper acceptance and mailing of the author kit occur in the month of July.

### DATES

- Submissions should be received no later than May 1, 1987.  
Send to: ICCAD-87 Secretary, Mentor Graphics Corp.,  
1940 Zanker Road, San Jose, CA 95112, Tel: (408) 436-1500.
- Notification of acceptance will be JULY 1, 1987.
- Final version of Digest of Technical Papers will be due AUGUST 14, 1987.