IEEE INTERNATIONAL CONFERENCE ON COMPUTER DESIGN: VLSI IN COMPUTERS

Sponsored by: The Computer Society of the IEEE and IEEE Circuits and Systems Society
In cooperation with: The IEEE Electron Device Society

ICCD '87
Rye Town Hilton, Rye Brook, New York
October 5 - October 8, 1987

THE INTERDISCIPLINARY CONFERENCE
☐ VLSI and Technology
☐ Design and Test
☐ Computer-Aided Design
☐ Architectures and Algorithms

The focus of this multi-discipline conference is intended to emphasize the interactions between system design, logic circuit design, memory design, architecture, software, CAD, Testing, Physical Design, and VLSI Technology. The objectives of this conference will offer to those attending an alternative view into the VLSI CAD environment. Unlike other conferences focusing on the generalized aspects of DA, ICCD stresses the interrelationships which exist in the CAD industry.

HIGHLIGHTS

41 SESSIONS
☐ Algorithms
☐ Object-Oriented Techniques for CAD
☐ Synthesis and Floorplanning for VLSI
☐ Methods in Test Pattern Generation
☐ Multiprocessors
☐ Placement Techniques on Parallel Architectures
☐ Local Area Network Controllers
☐ System Packaging
☐ Computer Design
☐ Synthesis of DSP Systems at Leuven
☐ DEC 32-Bit Processor Family
☐ National Semiconductors NS32532 Microprocessor
☐ Symbolic Layout Compaction Benchmarks
☐ Self-Timed Design
☐ VLSI Technologies
☐ Special-Purpose Architectures
☐ Routing
☐ Knowledge-Based Approaches for Design and Test
☐ Reliable Systems
☐ Graphics and Image Processing
☐ New Approaches in VLSI Design
☐ Storage Technology for the 90's
☐ Digital Signal Processing
☐ Integrated CAD Systems
☐ Design of Arithmetic Components
☐ Physical Verification
☐ Built-In-Test in Practice
☐ State-of-the-Art Technology Integration
☐ Fault-Tolerant Computing
☐ Symbolics Ivory Lisp Processor
☐ Performance-Oriented Design
☐ CCI Regulus Supermini
☐ High-Level Synthesis
☐ Design of MC68030 Microprocessor
☐ High-Level Language Architectures
☐ Advances in Physical Design
☐ New Methods in Design
☐ Architecture of Arithmetic Units
☐ Logic Simulation
☐ PLA Design and Testing

PLENARY SESSIONS

☐ Design & Test
Semiconductor and Silicon Compilers effect on Design and Test: Trends and Directions
☐ CAD
Computer Aided Fabrication of Integrated Circuits
☐ VLSI & Technology
The Development of High TC Superconductors and Their Application Potential
☐ Architectures
TBA
ICCD ’87

AIRLINE INFORMATION

An arrangement with the Computer Society of the
IEEE’s International Conference on Computer
Design and United Airlines offers you the services
of its toll-free reservations desk along with the
compliments of discounts.

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HOTEL RESERVATION FORM

IEEE INTERNATIONAL CONFERENCE ON COMPUTER
DESIGN—ICCD ’87

To guarantee your reservation, either a check for one night’s lodging,
or appropriate credit card information, must be included with the hotel
reservation form.

REGISTRATION FORM ICCD ’87

IEEE or IEEE Computer Society Membership No.

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Return To: Ms. Glenda D. McBride, Registrar, ICCD ’87
Computer Society of the IEEE
1730 Massachusetts Ave., N.W.
Washington, D.C. 20036-1903
Phone: (202) 371-1013

To guarantee your reservation, either a check or appropriate credit card information (Visa, MasterCard, or American Express), must be included with
the conference registration form.

Notes: Conference registration fee includes admission to the technical sessions, one copy of the conference proceedings (except students), break refresh-
ments, and reception. Luncheons and banquet spaces are guaranteed only for advanced registrants. Otherwise, meals, literature, and other activities
may be purchased at the conference on an as available basis. Refunds (less $15 handling fee) will be made if request is received in writing by October
2, 1987. After that date no refunds can be made.