The 1986 IEEE INTERNATIONAL CONFERENCE ON COMPUTER-AIDED DESIGN will be held NOVEMBER 10-13, 1986. The Conference is oriented towards Electrical Engineering CAD professionals, concentrating on CAD for Integrated Circuit Design.

Areas of Interest

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

- Design Synthesis
- CAD Systems
- Interactive Graphics
- Modeling and Simulation Techniques
- Design Automation
- Expert Systems
- Layout & Layout Verification
- Testing
- Hardware Accelerators

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

Author Information

Authors should submit 12 COPIES of both a 1-page summary and a more detailed description not to exceed 1000 words. Format:

☐ The 1-PAGE SUMMARY, typed on a separate page, should clearly and precisely state what is new and point out the significant results.

☐ The 1000 WORD ACCOMPANYING DESCRIPTION should contain a clear differentiation between author's work and previously published work (include references). A clear description of the new contribution, status of the work and significant examples and results should be given. References are not counted as part of 1000 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.)

Dates

- Submissions should be received no later than MAY 9, 1986 by: ICCAD-86 Secretary
- AT&T Bell Laboratories
- 1247 S. Cedar Crest Blvd.
- Allentown, PA 18103
- Tel: (215) 770-3485

- Notification of acceptance will be JULY 1, 1986.
- Final version for Digest of Technical Papers will be due AUGUST 15, 1986.
Committee

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Scope:

Data Engineering is concerned with the role of data and knowledge about data in the design, development, management, and utilization of information systems. As such, it encompasses traditional aspects of databases, knowledge bases, and data management in general. The purpose of this conference is to continue to provide a forum for the sharing of experience, practice, and theory of automated data and knowledge management from an engineering point-of-view. The effectiveness and productivity of future information systems will depend critically on improvements in their design, organization, and management.

We are actively soliciting industrial contributions. We believe that it is critically important to share practical experience. We look forward to reports of experiments, evaluation, and problems in achieving the objectives of information systems. Papers which are identified as such will be processed, scheduled, and published in a distinct track.

Topics of Interest:
- Logical and physical database design
- Data management methodologies
- Distribution of data and information
- Performance evaluation
- Experts systems

The day preceding and the day following the conference will be devoted to tutorials. Additional mini-tutorials will be presented during the last evening of the conference. A special DBMS vendor day will include short DBMS-specific tutorials to acquaint attendees with currently commercial available products. Those interested in presenting tutorials should contact the tutorial chairman by May 15, 1986.

Awards, Student Papers, and Subsequent Publication:
An award will be given for the best paper at the conference. The best student paper will receive the K.S. Fu award, honoring one of the early supporters of the conference. Up to three awards of $500 each to help defray travel costs will be given for outstanding papers authored by students. Outstanding papers will be considered for publication in the IEEE Computer Society Computer Magazine, the IEEE Expert Magazine, the IEEE Software, and the IEEE Transactions on Software Engineering. For more information, contact the General Chairman.

Paper Submission:
Four copies of papers should be mailed before June 15, 1986 to:
Third Data Engineering Conference
IEEE Computer Society
1730 Massachusetts Ave., N.W.
Washington, D.C. 20036-1903
(202) 371-0101

For further information write to:
Third International Conference on Data Engineering
IEEE Computer Society
1730 Massachusetts Ave., N.W.
Washington, D.C. 20036-1903
(202) 371-0101

Conference Timetable:
Tutorial proposals due: May 15, 1986
Manuscripts due: June 15, 1986
Acceptance letters sent: September 15, 1986
Camera-ready copy due: November 1, 1986
Tutorials: February 2, 6, 1987
Conference: February 3-5, 1987

Epilogue:
The correct design and implementation of data systems requires attention to principles from databases, knowledge bases, software engineering, and system evaluation. We hope you will participate.