

FOREWORD

On behalf of the ICCAD-94 Executive and Technical Program Committees, we would like to warmly welcome you to the 12th ICCAD, this time in San Jose.

Last year we changed the format of the conference on some points and those changes have been well received, so we decided to maintain them. The most important one is the four track structure of the program. Also each technical session has exactly three papers. This yields a particularly convenient architecture of the conference program.

The program was composed by a Technical Program Committee of more than eighty referees under the leadership of Richard Rudell. The committee could choose from over 460 submitted papers. This is a 10% increase compared with last year, which is a sure indication that our field is developing at a fast pace. As always the review was "blind". Eventually, roughly 25% of the submitted papers were selected to be presented at the conference and to be published in the proceedings. This indicates that the selection was tough. As usual we requested the referees to all gather at the program committee meeting and in person defend their view on the submitted contributions. This is an expensive and very aggressive procedure aimed at maintaining the highest possible quality standards. The overwhelming support of all involved parties for this procedure fulfills us with great satisfaction and confidence.

This digest reflects the program committee's opinion as to which were the most significant contributions offered for review. We sincerely hope that you share our opinion that this year's conference program is stimulating and interesting and reflects the fast progress in our field.

We would like to direct your attention in particular, to the full day Tutorial Program planned for Thursday, November 10, 1994. Complementing the four technical tracks, this program includes outstanding speakers in areas of computer-aided design with high leverage in the coming years: low power, behavioral synthesis, mixed-signal design, and interconnect. To offer some timely technical topics, Tuesday afternoon features speakers on design methodology for DSP applications and design of embedded systems for low power.

Please enjoy ICCAD-94--we are convinced it is worth your time and money! Everything has been put in place to bring you up to date in this very important field of modern technology. You can learn a lot but, even more important, you can contribute by speaking up in the discussions during the technical sessions and by actively participating in the panel discussions. Be sure to approach the members of the Executive Committee with proposals and criticism. We all want this conference to serve the attendees in the best possible way.

Jochen A. G. Jess
Conference Chair

Richard Rudell
Technical Program Chair