THIRD ANNUAL WORKSHOP ON
INTERACTIVE COMPUTING: CAE
ELECTRICAL ENGINEERING EDUCATION
October 24-26, 1984
University of Pittsburgh
Pittsburgh, PA
Cosponsored by

IEEE Computer Society
Educational Activities Board

in cooperation with
The University of Pittsburgh

A major purpose of this workshop will be to identify the advantages and impact that CAE should have on electrical engineering education. The potential impact of these techniques is important because engineering graduates should be able to use the latest technologies and methods to improve industrial productivity. In a typical scenario, an engineer with a baccalaureate degree must receive an additional one or two years of training in CAE techniques while on the job in order to become sufficiently skilled to use them to their full potential. This workshop will seek to identify those fundamentals that can be successfully integrated into an electrical engineering curriculum.

To accomplish this goal, attendees of the workshop will attempt to explore anticipated curriculum requirements for future graduates and to identify available mechanisms and tools for meeting these requirements. Particular emphasis will be placed on the computing environments within universities that are needed to implement CAE techniques.

Papers are solicited on the following topics:

- Fundamental principles for CAE
- Interactive graphics for CAE
- Computing resources for CAE in educational institutions
- Computer based instrumentation
- VLSI systems and tools
- Courses and curricula
- Expert systems for CAE
- Models for university-industry cooperation
- CAE workstations

Workshop Chairman
E. A. Parrish, Jr.
University of Virginia

Program Chairman
R. G. Hoelzeman
University of Pittsburgh

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Washington State University
J. T. Welch
University of Akron
E. J. White
University of Virginia

Local Arrangements
J. T. Cain
University of Pittsburgh

Send four (4) copies of a 300-word summary to:
Professor R. G. Hoelzeman
Electrical Engineering Department
University of Pittsburgh
Pittsburgh, Pennsylvania 15261 USA

IMPORTANT DATES:
Summaries Due: June 15, 1984
Authors Notified: July 15, 1984
Full Papers Due: September 1, 1984