CALL FOR PAPERS
IFIP
International Conference on Computer Hardware Description Languages and their Applications
in Cooperation with: the Commission of the European Community, ACM SIGDA and SIGARCH, IEEE Computer Society, GI, and NTG
September 8-9, 1981
Kaiserslautern University
D-6750 Kaiserslautern
Federal Republic of Germany

Organized by IFIP Technical Committee TC-10 and its Working Group WG 10.2 and the University of Kaiserslautern in cooperation with the Commission of the European Community, ACM (Assoc. for Computing Machinery) SIGDA and SIGARCH, IEEE (Institute of Electrical and Electronics Engineers) Computer Society, GI (Gesellschaft fuer Informatik), and NTG (Nachrichtentechnische Gesellschaft).

This conference is the fifth one of a series of international conferences held in New Brunswick, N.J. (1973), Darmstadt (1974), New York (1975), and Palo Alto, CA (1979).

Papers are herewith solicited on any aspects of Computer Hardware Description Languages (CHDLs) and the applications. Topic areas include, but are not limited to:

Language Issues:
Formal Syntactic and Semantic Specifications
Transformations and Formal Equivalences
between Languages
Symbolic and Graphic Languages
Modelling Techniques
Applications

CHDL in Education:
Education in Schools and Universities
In-House Education in Industry
Acceptance Problems

CHDL Based Tools:
Tools for Analysis and Synthesis
Emulation and Simulation Techniques
Tools for Validation, Certification, and Verification
Tools for Measurement and Evaluation
Design Data Bases
Integration of Tools
User Experience

Design Methodologies and Applications:
Hardware/Firmware/Software Trade-offs
Microprogramming
Integrated Circuit Design
Chip, Board, and System Design
Documentation and Specification

Five (5) copies of the full length manuscript must be received by the Program Chairman not later than
January 26, 1981

Only English language papers will be accepted. Manuscripts should not exceed 20 double-spaced type-written pages. Notification of acceptance will be mailed on April 20, 1981. Final camera-ready versions of accepted papers are due on May 30, 1981.

The conference language is English. Preprints with full length papers will be available at the conference. The publisher is North Holland Publishing Company, Amsterdam/New York. A preconference tutorial is planned for September 7, 1981.

The members of the Organizing and Program Committees are:

General Chairman
Professor Reiner Hartenstein
Fachbereich Informatik
Universitaet Kaiserslautern
Postfach 3049
D-6750 Kaiserslautern, FR Germany
(49) (631) 854-2606/2554

Program Chairman
Professor Melvin Breuer
Department of Electrical Engineering
University of Southern California
Los Angeles, California 90007, USA
(213) 743-2308/5509

IFIP TC-10 Chairman
Professor Robert Piloty
Institute fuer Datentechnik
Technische Hochschule Darmstadt
C-6100 Darmstadt, FR Germany
(49) (6151) 162076

IFIP WG 10.2 Chairman
Dr. Mario Barbacci
Department of Computer Science
Carnegie-Mellon University
Pittsburgh, Pennsylvania 15213, USA
(412) 578-2578

Finance Committee Chairman
Dr. Egon Hoerbst
Zentrale Forschung und Entwicklung
FKS Festkorper Systeme, Siemens AG
Otto-Hahn-Ring 6
D-8000, Munchen 83, FR Germany
(49) (89) 636-3354

Local Organization Chairman
Professor Dieter Maass
Fachbereich Informatik
Universitaet Kaiserslautern
Postfach 3049
D-6750 Kaiserslautern, FR Germany
(49) (631) 854-2263/2554

Publicity Chairman (Asia and America)
Mr. Will Sherwood
ML 21-3/T40
Digital Equipment Corporation
146 Main Street
Maynard, Massachusetts 01754, USA
(617) 493-3257/2211

Publicity Chairman (Europe)
Dr. Dominique Borrione
Laboratoire IMAG
University of Grenoble
B.P. 53 X
F-38041 Grenoble Cedex, France
(33) (76) 548145

Program Committee:
M. Breuer (Chairman), J. Duley (vice-Chairman), M. Barbacci (USA), D. Borrione (F), H. De Man (B), H. Lawson (S), D. Lewin (GB), A. Parker (USA), R. Piloty (D), W. vanCleemput (USA).