

CALL FOR PAPERS

Workshop on

Computer Hardware Description Languages and Their Applications

September 3-5, 1975
City University of New York
New York City, New York, USA

Sponsored by City University of New York,
IEEE Computer Society Technical Committee on Computer Architecture
ACM SIGARCH and ACM SIGDA

The 1973 and 1974 Workshops on Computer Hardware Description Languages, held in New Jersey and West Germany, respectively, generated increasing interest and attention to the areas of computer-aided logic/system design and documentation. The Third Workshop on CHDL, to be held the week before COMPCON 75 Fall (September 9-11, Washington, D.C.) will investigate means by which a good computer hardware description language can be used for describing, documenting, simulating and implementing digital systems.

Papers in the following and related areas will be considered:

1. Analysis of digital systems
2. New concepts for description languages
3. Constructs and mechanisms in computer descriptive languages
4. Applications of languages in documentation, simulation and hardware implementation
5. Hardware compiler (translator) implementation
6. System simulation
7. Computer-aided logic synthesis, logic synthesizer implementation
8. Experience on using languages, simulators, translators and logic synthesizers
9. Comparison of languages
10. Different levels of CHDL
11. Future prognosis

You are invited to submit 3 copies of the paper in 10 to 20 double-spaced typewritten pages to:

Dr. Donald L. Dietmeyer
Department of Electrical and Computer Engineering
University of Wisconsin
Madison, Wisconsin 53706
Telephone: (608) 262-3890

The deadline for submitting the papers is *April 1, 1975*. Accepted papers will be published in the Proceedings of the Workshop.

There will also be a special session for presenting the most recent results. Authors who would like to talk in this session should submit two copies of the abstract to Dr. D. L. Dietmeyer by June 1, 1975. The abstract is limited to one single-spaced typewritten page. These abstracts will be published in the proceedings.

Information regarding the workshop can be obtained from:



Professor Stephen Y. H. Su
Workshop Chairman
Department of Electrical Engineering
The City College, City University of New York,
New York, N. Y. 10031
Telephone: (212) 690-5392
(212) 690-4248 (secretary)

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