CALL FOR PAPERS

Microprocessor Technology and Applications, special issue of the Proceedings of the IEEE: May 1976. Final manuscripts due by July 15, 1975. Contact, as soon as possible, the guest editor: Dr. Imsong Lee, Computer Science Division, University of California, Berkeley, CA 94720.

Call for Papers for Computer: We're looking for papers and articles of wide appeal to Computer Society members for publication in Computer. If you have an idea for an article, contact our technical editor. If you have a manuscript ready for review, submit four complete copies, including illustrations and references or bibliography, and a statement indicating whether the manuscript has been submitted for publication elsewhere. (Papers of unusual merit that have appeared before other audiences may be published in Computer.) Pages should be typed, double or 1½ space, on one side only. References may appear as numbered footnotes or separately at the end of the paper. In either case, references should be complete, in IEEE style, and in general should be accessible to our readers. If your manuscript is accepted, you will be asked to supply two copies of the final revised draft, including camera-ready artwork and your biography and photo. Submit to our technical editor: Dr. Jack Sherer, Xerox Research, Advanced Development Lab, Mail Station C3-50, 701 South Aviation Blvd., El Segundo, CA 90245.

Third International Symposium on Control in Transportation Systems: August 9-13, 1976, Columbus, Ohio. Submit 10 copies of title and 200-300 word summary in English by August 1, 1975, to Dr. David Van Meter, Program Chairman, U. S. Dept. of Transportation, Kendall Square, Cambridge, MA 02142.

International Symposium on Computer Performance Modeling, Measurement, and Evaluation: March 29-31, 1976, Cambridge, Massachusetts. Jointly sponsored by ACM SIGMETRICS and the IFIP Working Group on Computer System Modeling, the symposium will emphasize both theoretical and empirical aspects of computer performance measurement. Submit three copies of the working title and an abstract by August 1, 1975, five copies of completed paper (not exceeding 25 double-spaced typed pages in length) by October 1, 1975, to either of the Program Co-Chairs: Prof. Peter P. Chen, MIT Sloan School, E53-329, Cambridge, MA 02139, or Prof. Mark Franklin, Washington University, Box 1127, St. Louis, MO 63109.

Third Annual Symposium on Computer Architecture: January 19-21, 1976, Clearwater, Florida. Sponsored by the ACM and IEEE Computer Society in cooperation with the University of South Florida. Authors are invited to submit original papers on novel and recent developments in all aspects relating to computer architecture by August 1, 1975 to Daniel P. Siewiorek, Program Chairman, Computer Science Department, Carnegie-Mellon University, Pittsburgh, PA 15213; (412) 621-2600 X177.

1975 IEEE International Electronic Devices Meeting: December 1-3, Washington, D.C. Papers are solicited on the topics of device technology, integrated electronics, solid-state devices, image transducers and optoelectronic devices, lasers and quantum electronic devices, electron tubes, and energy conversion devices. Prospective authors should submit 16 copies of a 200 word comprehensive abstract by August 4, 1975, to Dr. C. Neil Berglund, 1975 IEDM Technical Program Chairman, Bell-Northern Research Ltd., PO Box 3511, Station C, Ottawa, Canada K1Y 4H7.

Third ACM SIGACT-SIGPLAN Symposium on Principles of Programming Languages: January 19-21, 1976, Atlanta, Georgia. Authors should submit six copies of a detailed summary (1000-2000 words), including comparisons with and references to relevant literature by August 16, 1975, to Susan L. Graham, Computer Science Division, University of California, Berkeley, CA 94720.


Fourth Conference on Programming Languages: March 8-10, 1976, Nuremberg, Germany. A written version of the lecture no more than 10 typewritten pages in length should be submitted by September 13 to the Chairman of the Organization Committee, Prof. Hans Juergen Schneider, Inst. f. Math. Masch. u. DV (II) 852 Erlangen, Egerlandstr. 13, West Germany.

1975 ACM George E. Forsythe Student Paper Competition: An opportunity for high school students and undergraduates who have not received a bachelor's degree before April 1, 1975 to submit original ideas on any topic related to computers and their applications. The best papers will be published in Communications of the ACM and the authors will receive awards. Due date for papers is September 15. Contact, as soon as possible, ACM Student Editorial Committee, Department of Computer Science, University of Toronto, Toronto, Ontario, Canada M5S 1A7.

Compc on 76 Spring: February 24-26, San Francisco, California. The conference will focus on the recent advances and developments in computer science and related areas — what will happen, why it will happen, and who will make it happen. Suggested topics include: Is "Distributed Computer Systems" just a buzz word? Does the super computer have a future? What will the microprocessor do for us? Who will solve our social problems? Where is the software/hardware/operating system going? Is computer science related to computing? Can computers solve the energy crisis? Send notification of intent to submit a paper and its subject as soon as possible, abstract and 1000-2000 word digest by October 10, 1975. Submit to Dr. Herschel H. Loomis, Jr., Program Chairman, Department of Electrical Engineering, University of California, Davis, CA 95616.

Special Issue of Creative Computer: The March-April 1976 issue will cover all areas of computer art. Send all material,
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artwork, responses, and questions by October 15, 1975, to Ruth Leavitt, 5315 Dupont Avenue South, Minneapolis, MN 55419; (612) 825-9005.

Twelfth Modulator Symposium: February 4-5, 1976, New York, New York. Submit a 200 word abstract and ten copies appropriate to a 20-minute paper, including discussion, by October 17, 1975, to Sol Schneider, Program Chairman, Electronics Technology and Devices Laboratory (ECOM), Ft. Monmouth, NJ 07703; for additional information, (201) 596-1740.

1976 International Symposium on Fault-Tolerant Computing: June 21-23, 1976, Pittsburgh, Pennsylvania. Quality papers on any subject dealing with the general topic are requested for the symposium sponsored by the Computer Society's Technical Committee on Fault-Tolerant Computing. Highest consideration will be given to papers stressing practical applications of theoretical results or presenting discoveries of a general nature in reporting on actual system design efforts. Topics considered relevant include fault-tolerant system architecture, operating systems for fault-tolerant systems, interactions between security and fault-tolerance, practical approaches to system testing and diagnosis, modeling of fault-tolerant systems, and verification of hardware/firmware/software design. Submit an abstract of not more than 250 words by November 1, 1975, four copies of complete papers of digest length (4000-word maximum) and one-page statement of the nature of the contribution made in the paper by December 1, 1975, to Dr. Barry R. Borger- son, Sperry Research Center, 100 North Road, Sudbury, MA 01776; (617) 369-4000.

International Symposium on Multiple-Valued Logic: May 25-28, 1976, University of Utah, Logan, Utah. Emphasis will be placed on the engineering and computer science aspects of multiple-valued logic. Papers are invited in the following and related areas: applications in digital systems, image processing, artificial in-telligence, etc.; circuit implementations; automated logic design; design considerations; programming logic and man-computer systems; algebraic, philosophic, and other formal aspects; relationships between multiple-valued and binary algebras; and probabilistic and variable-valued systems. Submit four copies of 10-25 page paper including figures and a 50-100 word abstract by December 1, 1975. For an oral presentation of recent results which are not yet fully developed, submit a title and abstract by April 15, 1976. Send to Prof. Zvonko Vranesic, Program Chairman, Department of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada, M5S 1A4.

1976 Summer Computer Simulation Conference: July 12-14, 1976, Washington, D.C. Papers are solicited on the general theme "Progress in Simulation" with group sessions to be held on simulation methodology, hybrid systems methodology, chemical, physical, environmental, managerial and social sciences, biological systems, simulation credibility, energy and system engineering. Submit a three to five page summary by December 1, 1975 to Dr. Iwao Sugai, The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20810; (301) 953-7100 x7857.

1976 National Computer Conference: June 7-10, 1976, New York, New York. NCC is sponsored by AFIPS together with four of its constituent societies—ACM, DPMA, IEEE—CS, and SCS. The conference program will include 100 sessions covering the most important areas of hardware, software, applications, systems, services, management issues, and discussions of the computer's influence on society. Submit six copies of each manuscript not exceeding 5000 words, including an abstract of not over 200 words, by January 5, 1976, to Dr. Stanley Winkler, IBM Corporation, 18100 Frederick Pike, Gaithersburg, MD 20760; (301) 840-7384.


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