CALL FOR PAPERS

Calls for papers are listed according to deadline for submittal. Conferences in which the Computer Society is a sponsor or participant are indicated by the IEEE Computer Society logo; other calls of interest to our readers are also included. Submit information by the first of the month preceding the month of publication to Computer Magazine, 5880 Naples Plaza, Suite 301, Long Beach, CA 90803.

Call for Papers for Computer: We're looking for papers and articles of wide appeal to the readers of Computer. The papers should survey recent important developments across the breadth of the field, describe particular developments from a tutorial point of view, or explore application areas. If you have a manuscript ready for review, submit four complete copies, including illustrations and references or bibliography to our technical editor: Dr. Jack E. Shemer, Xerox Research, Advanced Development Lab, Mail Station C3-50, 701 South Aviation Blvd., El Segundo, CA 90245.

A format guide is available from the Computer Society Publication Office. To obtain a copy, use number 619 on the Reader Service Card, page 79.

Editorial Schedule, 1976:
- July, Hybrid Computer Systems
- August, Computer Graphics
- September, Minicomputers in Business
- October, Operating Systems

Computer Networks: Trends and Applications: November 17, 1976, Gaithersburg, Maryland. Tutorial papers describing practical results with computer networks and networking systems, or presenting new research results, are desired. Submit three copies of 1000-word abstract by June 15, 1976, camera-ready copy for proceedings by September 15, 1976, to Dr. Patrick McGregor, Network Analysis Corp., 9105 Westerholme Way, Vienna, VA 22180.

SCS Conference on Transportation: April 19-21, 1977, Ann Arbor, Michigan. The conference will focus on the use of simulation in all phases of transportation research and development. Authors of previously unpublished papers should submit summaries, less than 500 words, by June 15, 1976. Deadline for submission of manuscripts accepted for publication in conference proceedings is January 1, 1977. Submit abstracts to Dr. James Bernard, University of Michigan, Highway, Safety and Research Institute, Huron Parkway and Baxter, Ann Arbor, MI 48105.

CMG-VII: November 16-19, 1976, Atlanta, Georgia. Papers requested in three areas: Computer performance technology, computer performance management, and introductory topics in computer performance evaluation. One-page abstracts are due by June 15; final papers should be submitted by August 1. Submittals should be sent to Dr. David S. Lindsay, CMG-VII program chairman, FEDSIM/AY, Washington, D.C. 20330; (202) 274-8461.

Fourth Annual Computer Architecture Conference: March 23-25, 1977, Silver Spring, Maryland. Authors are invited to submit original papers on novel and recent developments in all aspects relating to computer architecture such as hardware, firmware, and software architectural interactions; microcomputer system architecture, high-speed computers, multiprocessors, measurement and performance evaluation, descriptive languages, supercomputer architectures, and computer architecture education. Send five copies of the paper by August 1, 1976, to Prof. Harold S. Stone, program chairman, Electrical and Computer Engineering Dept., University of Massachusetts, Amherst, MA 01002; (413) 545-1971.

14th Annual Allerton Conference on Circuit and Systems Theory: September 29-October 1, 1976, at the University of Illinois near Monticello, Illinois. Papers which present new results in information processing, communication sciences, control systems, digital systems, computer architecture, and system theory are among those requested for submission. Regular papers, reproduced in full in the conference proceedings and requiring approximately 20 minutes to present, and short papers presenting preliminary results, published in 250-word summaries in the proceedings and requiring approximately 10 minutes to present, are being solicited. Regular papers require title, 50-word abstract, and 500-word summary, including references. Short papers should include a title and a summary. Send manuscripts, by August 2, 1976, to Allerton Conference, c/o Prof. T.N. Trick, Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, Urbana, IL 61801; (217) 333-0094.

IEEE International Pulsed Power Conference: November 9-11, 1976, Lubbock, Texas. Topics and areas of special interest include load requirements and characterization, new pulsar concepts, system descriptions and applications. Individuals interested in all aspects of pulsed power and related areas of research and application are invited to submit papers. Deadline for abstracts is August 15, 1976. Final papers are due on October 15, 1976. Contact Dr. T.R. Burkes or Dr. M. Kristiansen, Department of Electrical Engineering, Texas Tech University, Lubbock, TX 79409; (806) 742-1251.

Operations Research and Computer Science: Special Issue of Operations Research, late 1977. Papers dealing with applications of OR techniques to computer science problems, and applications of computer science technology to OR problems are being considered. Submit four copies of your manuscript to any of the co-editors before October 1, 1976. Co-editors are: Harvey J. Greenberg, 11440 Isaac Newton Square, Reston, VA 22090; Daniel Heyman, Bell Labs, Holmdel, NJ 07733; and Richard Van Slyke, Network Analysis Corp., Glen Cove, NY 11542.

Power Industry Computer Application Conference: May 24-27, 1977, Toronto, Canada. Papers are invited which deal with any aspect of the application of computers to the solution of the problems faced by the electric utility industry including, computers in power engineering education, nuclear power computations, power plant performance and control, interactive computer graphics, and load forecasting. Papers will be published in full in the conference proceedings and in abstract in the Transactions on Power Apparatus and Systems.

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Systems. Prospective authors are urged to request a Power Author's Kit from IEEE, Technical Conference Services Office, 345 East 47th St., New York, NY 10017. A 150-200 word abstract must be received by October 8, 1976. Deadline for receipt of original manuscripts is January 3, 1977. All manuscripts should be sent to IEEE Headquarters, address above.


IFIP Congress 77: August 8-12, 1977, Toronto, Canada. The International Federation for Information Processing's Congress 77 will focus on the theme, "The Maturing Profession—Perspectives and Prospects." All submissions should be strongly related to the design or use of computer systems, but may concern theoretical advances, new techniques, or practical experiences. Papers must be typed clearly, double-spaced, and on one side of each page. A pamphlet, "Instructions and Aids for IFIP 77 Authors," should be obtained from: Program Committee for IFIP Congress 77, IFIP Foundation, Paulus Potterstraat 40, Amsterdam 1007, Netherlands. Authors should submit four complete copies of their papers by November 15, 1976. Papers should be sent to the chairman of the subject area with which the paper deals. For specific address information contact the U.S. Committee for IFIP Congress 77, c/o The Bowery Savings Bank, 110 E. 42nd St., New York, NY 10017; (201) 391-9810.

Symposium on Minicomputers and Large Scale Computations: May 29-June 2, 1977, Montreal, Canada. The symposium, sponsored by the American Chemical Society Division of Computers in Chemistry, invites original contributions not previously published in whole or in major part. Contributions from chemists and non-chemists whose works may serve as a model for chemists should be sent in abstract form by December 1, 1976, to Prof. Peter Lykos, Illinois Institute of Technology, Chicago, IL 60616; (312) 567-3430.

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