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, 5855 Naples Plaza, Suite 301, Long Beach, CA 90803.

1978 IEEE International Symposium on Circuits and Systems: May 17-19, 1978, New York City. Papers are solicited in, but not restricted to, the following areas: new concepts and novel approaches for the analysis and design of circuits and systems; computer-aided techniques for the analysis, design, layout, testing, and manufacturing of circuits and systems; and new devices and circuits. Two types of papers are sought: regular papers suitable for 25-minute presentation (to be reviewed on the basis of the complete manuscript including an abstract); and short papers suitable for 15-minute presentations (to be reviewed on the basis of a 1000-word summary). Four copies of either type paper should be submitted by October 1, 1977, to the technical program chairman, Bede Liu, Department of Electrical Engineering and Computer Science, Princeton University, Princeton, NY 08540.

Fourth International Congress of Cybernetics and Systems: August 21-25, 1978, Amsterdam, the Netherlands. Papers are solicited for seven respective section meetings on artificial intelligence, cybernetics of economic systems and management, industrial cybernetics (including automation), informatics and education, neuro- and bio-cybernetics, social systems, and systems and models (including environmental problems). Abridged papers of about 500 words, accompanied by 50-word summaries, are sought as are full-scale papers of 3000 words. Deadline for abridged material is October 31, 1977; for full-scale papers it is April 30, 1978. All papers except those for the social science section should be sent to Dr. J. Rose, c/o College of Technology, Fielden St., Blackburn BB2 11H, Lancashire, England. Social Science material should be sent to Professor van der Zouwen, Department of Research Methods, the Free University de Boelelaan No. 1115, Amsterdam, The Netherlands.

The Mathematical Foundations of System Theory is the title of a special issue to be published in September 1978 by the IEEE Transactions on Circuits and Systems. Manuscripts are solicited for this issue dealing with any aspect of the mathematical foundations of circuit and/or system theory and its applications; they should be sent to Professor R. Saeks, Department of Electrical Engineering, Texas Tech University, Lubbock, TX 79409, before November 1, 1977.

1978 Computer Audit, Control, and Security Conference: April 10-13, 1978, New York City. Papers are sought dealing with any aspect of EDP audit, control, and security, with particular interest on "how-to" papers, case histories, and accounts of personal experiences with advanced systems. A one-page abstract, along with a brief personal resume, should be mailed by November 1, 1977, to program chairman, Harold Weiss, Automation Training Center, Inc., 11250 Roger Bacon Drive #17, Reston, VA 22090.

Fourth International Conference on Software Engineering: May 10-12, Atlanta, Georgia. Papers are solicited, in particular, which provide details of experience using software engineering techniques, including data which serves to evaluate these techniques. Examples of subjects likely to serve as focal points of the conference are the following: systems development methodology—testing and verification, automated aids; programming—languages, standards; management of software development—productivity, staffing; case studies—real-time processing, system families; software quality—reliability, security/availability; and education—curricula, professional development. Abstracts are requested by October 1, 1977. Four copies of the complete paper are due by November 15th; papers should be 2000 to 6000 words long (counting figures as 300 words apiece). Final copy is due March 15, 1978. Send abstracts and papers to the program chairman, Mr. L. A. Belady, IBM T. J. Watson Research Laboratory, P. O. Box 218, Yorktown Heights, NY 10598; (914) 945-2825.
International Conference on Management of Data: June 29-30, 1978. Fast, Milano, Italy. Research and application papers are solicited on these and other topics: data base systems architecture, data base languages, database models, distributed data bases, data base management systems, minicomputers, access control, performance evaluation, and applications. Three copies of papers, complete with name, affiliation of author, and topics required by November 30, 1977. They should be sent to program committee chairman, Giorgio Vali, Instituto de Elettronica, Facolta di Ingegneria, Universita di Bologna, 40126 Bologna, Italy, or to Dennis Tischritz, Computer Systems Research Group, University of Toronto, Toronto, Canada MSS 1A4.

International Conference on the Performance of Computer Installations: June 22-23, 1978, California Gardone Riviera, Lake Garda, Italy. Papers are solicited in these and other areas: workload characterization, benchmarking, charging policies vs. performance, cost-benefit analysis of performance improvement, database systems, and distributed systems. A 300- to 600-word abstract is required by December 1, 1977. Full papers (no more than 7000 words) are due January 10, 1978. Send three copies of abstracts and papers to Professor Domenico Ferrari, Computer Science Division, EECs Department, University of California, Berkeley, CA 94720.

Third Jerusalem Conference on Information Technology: August 6-9, 1978, Jerusalem, Israel. Previously unpublished papers are sought primarily on the role of computers in the transfer of technology between large and small countries and between developed and developing societies. They may describe a successful application, original research, a report on the state-of-the-art, or a case study. Four copies of a manuscript (no more than 2500 words, typed double-spaced in English) and a 100-word abstract are due December 15, 1977. Send to Stanley Winkler, c/o Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036.

Conference on Information Sciences and Systems: March 29-31, 1978, The Johns Hopkins University, Baltimore, Maryland. Papers are invited describing new advances, applications, and ideas in the fields of computer science, digital systems, communication theory, and system and control theory. Two types of papers are sought: regular papers (for 30-minute presentations) and short papers (for 15-minute presentations). Submit title, detailed summary, and designation (regular or short) by January 16, 1978, to 1978 CISS, Department of Electrical Engineering, The Johns Hopkins University, Baltimore, MD 21218.

Architecture of LSI modular computer systems, and problem-oriented networks: Special issue on designing complex computer and parallel systems on LSI modules, Computer, July 1978. Papers in the following areas will be considered: architecture of building LSI modules (microprocessors, microcomputers, register transfer chips, unique— or universal—LSI modules); architecture of LSI modular computers; multiprocessor, multiprocessor systems with static, reconfigurable, dynamic architectures built from LSI modular computers; problem-oriented networks on LSI modules. Authors are invited to submit three copies of their papers in 15-25 double-spaced typewritten pages by February 1, 1978 to the guest editor, Dr. Steven I. Kartsash, DCA, Inc., 1210 Carlos Drive, Lincoln, NE 68505.

Fourth International Conference on Pattern Recognition: November 7-10, 1978, Kyoto, Japan. Research papers on all aspects of pattern recognition are invited, including the following topics: statistical methods, clustering, image enhancement and restoration, line drawings, reconstruction problems, pattern perception, character recognition, speech recognition, digital image processing, and special hardwares. Submit four copies of either a long paper (about 6000 words) or a short paper (about 3000 words) with a summary by March 1, 1978, to program chairman, Professor Makoto Nagao, Department of Electrical Engineering, Kyoto University, Saiyo, Kyoto, 606 Japan. Camera-ready copy of accepted papers is due August 1, 1978.

CALENDAR

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Eighteenth Annual Symposium on Foundations of Computer Science, October 31-November 2, Providence, Rhode Island. Contact J. W. Carlyle, 4532 Boelter Hall, UCLA, Los Angeles, CA 90024; (213) 825-2240.

Joint Engineering Management Conference, October 31-November 1, Cincinnati, Ohio. Contact Paul H. Bluenstein, Paul H. Bluenstein & Company, 3420 Section Rd., Cincinnati, OH 45237.

Computers in Aerospace, October 31- November 2, Contact H. J. Harrington, McDonnell Douglas Corporation, Department E411, Bldg. 1064, St. Louis, MO 63166.


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Interface West, November 1-3, Los Angeles, California. Contact Conference Director, Sheldon Adelson, 160 Speen St., Framingham, MA 01701.


Electrical Contacts Conference, November 1-3, Chicago, Illinois. Contact Dr. Ralph E. Armstrong, Electrical Engineering Department, Illinois Institute of Technology, Chicago, IL 60616.

AUTOTESTCON 77, November 2-4, Hyannis, Mass. For more information on the International Automatic Testing Conference, contact general chairman, E. G. Galton, RCA Corporation, P.O. Box 588, Burlington, MA 01803.

Asilomar Conference on Circuits, Systems and Computers, November 8-9, Pacific Grove, California. Contact John W. Wood, Rensselaer Polytechnic Institute, School of Engineering, Troy, NY 12181.

MIDCON, November 8-10, Chicago, Illinois. Contact Electrical and Electronics Exhibits Inc., 999 N. Sepulveda Blvd., El Segundo, CA 90245; (213) 727-2965.

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