CALL FOR PAPERS

Calls for papers are listed according to deadline for submission. 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.

Society for Information Display International Symposium: April 19-21, 1977, Boston, Massachusetts. 20 copies of a 35-word program abstract and a 300-500-word review summary, single-sided and double-spaced typewritten form must be submitted no later than December 13, 1976. Include name, affiliation, address, and telephone number on page one of summary; contact Howard M. Stark, Xerox Corp., Xerox Square/W-128, Rochester, N.Y. 14644; (716) 422-3048.

14th Design Automation Conference: June 20-22, 1977, New Orleans, Louisiana. Send three copies of paper (roughs are acceptable), with title and abstract (max. 25 words), author's name, affiliation, address, and telephone number by December 15, 1976 to David W. Hightower, Texas Instruments, Inc., P.O. Box 5012 MS907, Dallas, Texas 75222; (214) 238-3402. Acceptance notice will be made by March 7, 1977. A final manuscript of no more than 5000 words will be due by April 20, 1977.


1977 Region Six Conference: May 25-27, 1977, Portland, Oregon. "Electronics for Mankind" is the theme of the conference which is inviting papers covering oceanography, energy sources, distribution, bioscience, transportation, technology transfer, computers, consumer electronics, education, communication, environmental science. Authors should send 250-word abstracts to George Johnston, University of Oregon Medical School, Instrument and Safety Services, 3181 S.W. Sam Jackson Park Road, Portland, OR 97201; by January 10, 1977. Complete manuscripts will be due March 1, 1977.

IEEE Transactions on Computers: Special sections covering the technologies of distributed processing systems and programmed logic arrays and related structures. Papers dealing with distributed processing systems should be sent to E. Douglas Jensen or Mario Gonzalez by January 15, 1977, and papers on programmed logic arrays and related structures should be submitted to Dr. H. Fleisher by March 1, 1977. These sections will consist of five or six papers intended to provide an in-depth coverage of the current state of the art for these technologies. Contact the respective editors for further information: E. Douglas Jensen, Honeywell, Inc., Systems and Research Center, R 2340, 2600 Ridgway Parkway NE, Minneapolis, MN 55413; (612) 378-5487 — Mario Gonzalez, Computer Sciences Dept., Northwestern University, Evanston, IL 60201; (312) 492-5246 — Dr. H. Fleisher, IBM, Dept. C14, Bldg. 704, P.O. Box 390, Poughkeepsie, NY 12602; (514) 463-5674.

Symposium on Data Analysis and Informatics: September 7-9, 1977, Rocquencourt, France. Purpose of symposium is to present the state of the art in research in data analysis, emphasizing computing aspects. Abstracts (with title, author's name, affiliation, and address on page one; and a maximum 50 line text, including key words, on page two) should be submitted by January 31, 1977, to the Symposium Secretariat, External Relations Department, IRMA, Domaine de Voulcote, Rocquencourt, 78150 Le Chesnay, France. Acceptance will be made by March 31, 1977, and final texts will be due by May 31, 1977.

Fifth Symposium on the Simulation of Computer Systems: August 9-11, 1977, Gaithersburg, Maryland. Technical papers may be submitted by February 1, 1977 on the simulation of computer systems as applied to all purposes, computer utilization and computer architecture. Three copies of abstracts, papers, and proposals should be mailed to W.R. Franta, Dept. of Computer Sciences, 114 Lind Hall, University of Minnesota, Minneapolis, MN 55455. Acceptance notifications will be sent by March 15, 1977. Final copies are due May 1, 1977.

Hardware and Software for Digital Signal Processing: December 1977. A special issue of the IEEE Transactions on Computers, to be jointly sponsored by the IEEE Circuits and Systems Society and the IEEE Computer Society. Contributions are solicited on such subjects as system architecture; special-purpose vs. general-purpose machines; interaction between hardware and software design; high-level languages; maintenance and diagnostic techniques; design aids for both hardware and software; realizations of system elements such as adders, multipliers, and memory; or any other topic which is appropriate to the general theme. Prospective authors should prepare their manuscripts in accordance with the specific guidelines for the issue. Send complete manuscripts to the Guest Editor, Peter S. Steven, IBM, P.O. Box 390, Poughkeepsie, NY 12602; (914) 463-5674.

The New Computer Science and Engineering Curricula: March 4 (formerly scheduled for February 28), 1978, San Francisco, California. Special conference immediately follows COMPCON '77 Spring. Papers are invited by authors having contributions related to computer science curricula developments by both the IEEE Computer Society's Model Curriculum committee and the CPEG/SIGSCE groups of ACM. Interested persons should contact Prof. William H. Burdick, Program Chairman, Computer Science Dept., University of California, Los Angeles, CA 90024; or Dr. R. Smith, Program Chairman, Computer Science Dept., University of Texas, Austin, TX 78721.

Fifth Data Communications Symposium: September 27-29, 1977, Snowbird, Utah. Jointly sponsored by the Computer Society, the ACM, and the IEEE Communications Society, the theme of the conference is "The Path Toward Widespread Use of Networks." Papers on related topics in data communications are invited. Submit four copies of a completed paper, a 500-word summary, name, address, phone number and affiliation. Send by March 15, 1977, to Frank E. Heart, Bolt Beranek and Newman Inc., 50 Moulton St.,

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Call for papers for Computer

The following special issues of Computer are being organized:

1977

February: Microcomputer Architecture
March: Hobby/Home Computers
April: Simulation
May: Stack Machines
June: Computer Hardware Description Languages
July: Distributed Processing
August: Image Processing
September: Microprocessor Applications
October: Military Computers
November: Computer Networking
December: System Programming Languages

To be considered for a special issue, papers should be submitted not later than 5 months prior to the date of the issue.

Besides theme-related papers, we’re also looking for papers that survey recent important developments across the breadth of the field, describe particular developments from a tutorial point of view, or explore application areas. Submit all manuscripts (four complete copies including illustrations and references or bibliography) to our technical editor: Dr. Jack D. Grimes, Tektronix, Inc., MS 60-456, Beaverton, OR 97005.

A format guide is available from the Computer Society Publications Office, Circle 1219 on the reader service card, p. 107, to obtain a copy.

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Contact James Bernard, Dept. of ME, Michigan State Univ., East Lansing, MI 48823; (517) 355-5131.

Information Display International Symposium, April 19-21, Boston, Massachusetts. Contact the Society for Information Display, 654 N. Sepulveda Blvd., Los Angeles, CA 90049.


Picture Data Description and Management, April 21-22, Chicago, Illinois. Contact K.S. Fu, Purdue University, School of EE, Lafayette, IN 47907.

Circuits and Systems International Symposium, April 25-27, Phoenix, Arizona. Contact W.G. Howard, Motorola Integrated Circuits Center, MS/MR, P.O. Box 20906, Phoenix, AZ 85006.

15th Annual AEDS Convention, April 25-29, Fort Worth, Texas. Contact Don Offerman, P.O. Box 224, Austin, TX 78767.

MAY 1977


EUROCON 77, European Conference on Electronic, May 3-6, Venice, Italy. Contact the EUROCON 77 Office, c/o AIE, Viale Monza 259, 20126 Milan, Italy.


NMA 28th Annual Conference and Exposition, May 17-20, Dallas, Texas. Address correspondence to Dynamics of Micrographics, National Micrographics Association, 8728 Colesville Road, Silver Spring, MD 20910.


Symposium on Minicomputers and Large-Scale Computations, May 29-June 2, Joint Conference of the American Chemical Society and the Chemical Institute of Canada, Montreal, Canada. Contact Prof. Peter Lykos, Illinois Institute of Technology, Chicago, IL 60616; (312) 567-3430.

JUNE 1977

Sixteenth Annual Technical Symposium, June 2, Gaithersburg, Maryland. Contact Bryce E. Elkins, Computer Sciences Corp., 400 Army Navy Dr., Arlington, VA 22202.


Pattern Recognition and Image Processing, June 6-8, Rensselaer Polytechnic Institute, Troy, New York. Conference is sponsored by the Machine Intelligence and Pattern Analysis Committee of the Computer Society. Contact Prof. Herbert Freeman, general chairman, Dept. of Electrical Systems Engineering, Rensselaer Polytechnic Institute, Troy, NY 12181; (518) 270-5311.

International Conference on Communications, June 13-15, Chicago, Illinois. Contact