CALL FOR PAPERS

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

Call for papers for Computer: see insert inside front cover.

Symposium on Computers in Ophthalmology: April 5-6, 1979, St. Louis, Missouri. Submit one-page camera-ready abstract on an application of computers to ophthalmic patient care and clinical research by December 29, 1978, to Robert Greenfield, Biomedical Computer Laboratory, Washington University School of Medicine, 700 S. Euclid Ave., St. Louis, MO 63110; (314) 454-3364.

Sixth Annual Indiana University Conference on Academic Computing Applications: April 8, 1979, Gary, Indiana. Send a 250- to 500-word abstract by January 1, 1979, to Mickey Stentz, Whrubel Computing Center, 015 Memorial Hall West, Indiana University, Bloomington, IN 47401.


Pattern Recognition and Image Processing Conference: August 6-8, 1979, Chicago, Illinois. Papers are requested on topics such as image filtering and segmentation, 2D and 3D shape analysis, and structural pattern recognition, pictorial data bases and data structures, special-purpose hardware, and applications. Submit papers by January 15, 1979, to Dr. Stephen Shapiro, Stevens Institute of Technology, Dept. of EE, Castle Point Station, Hoboken, NJ 07030.

IEEE Transactions on Acoustics, Speech, and Signal Processing: Fall 1979 special issue on practical applications of digital signal processing. Papers are invited on design, implementation, measurement, and testing of specific digital subsystems used in processing. Follow author guidelines published in Transactions. Send four copies of manuscript by January 15, 1979, to B. P. Agrawal,ITT Telecommunication Technology Center, Stamford, CT 06902.


Computers in Aerospace II: October 22-24, 1979, Los Angeles, California. Papers are solicited on topics such as computer systems technology, software technology, aeronautical applications, and space applications. Submit a 1000-word abstract by February 1, 1979, to Richard E. Erkenette, Dept. 236, McDonnell Douglas Astronautics Co., 5301 Bolsa Ave., Huntington Beach, CA 92647; (714) 896-4975.

Fourth International Conference on Software Engineering: September 17-19, 1979, Munich, Germany. Papers are solicited on topics such as data bases, data definition, structuring, and flow; techniques for specifying, developing, and maintaining correct programs; modeling and model interpretation; estimation, planning, and life cycle management; and automated environments for software engineering. Send five copies of paper by February 1, 1979, to Prof. M. M. Lehman, Imperial College—CCD, 180 Queen's Gate, London SW7 2BZ, England.

IJCAI-79, Sixth International Joint Conference on Artificial Intelligence: August 20-24, 1979, Tokyo, Japan. Submit papers by February 1, 1979, to Prof. Bruce D. Buchanan, Computer Science Dept., Stanford University, Stanford CA 94305; (415) 497-4878.


Fifth International Conference On Very Large Data Bases: October 3-5, 1979, Rio de Janeiro, Brazil. Tutorial papers, papers dealing with applications in developing nations, and papers dealing with minicomputer and microcomputer data base systems are solicited. Send by March 5, 1979, to Howard L. Morgan, Wharton School, University of Pennsylvania, Philadelphia, PA 19174.

1979 International Conference on Parallel Processing: August 21-24, 1979, Bellaire, Michigan. Abstracts and detailed summaries, including references and figures, are required by March 15, 1979, for both regular-length and short papers describing recent advances in all aspects of parallel/distributed processing. For regular papers submit four copies each of a 100-word abstract and a 1000-word summary or full text. For short papers submit four copies each of a 100-word abstract and a 300- to 500-word summary. Send to Prof. Oscar N. Garcia, Computer Science Program, EES Dept., Library 630, University of South Florida, Tampa, FL 33620; (813) 974-4232.

COMPCON 79 Fall: September 4-7, 1979, Washington, DC. Papers on the conference theme, "Using Microprocessors," are being sought for the Computer Society's 19th international conference. The conference will present the latest developments in microprocessor architecture, systems, operating systems, and peripheral devices. Send four copies of a 1000-word digest by April 1, 1979, to John M. Williams, System Development Corp., 700 Westpark Dr., McLean, VA 22102; (703) 790-9850, ext. 120.

First International Conference on Distributed Computing Systems: October 2-5, 1979, Huntsville, Alabama. Papers are solicited on topics such as decentralized control, execution, and operating systems; logical and physical interconnection and communication; reliability and fault tolerance; system and hardware architecture; distributed data bases; software engineering and programming languages; specification, verification, and validation; database methodology; analysis, modeling, and measurement; and case studies. Submit six copies of a double-spaced manuscript by April 15, 1979, to E. Douglas Jensen, Dept. of Computer Science, Carnegie-Mellon University, Pittsburgh, PA 15213; (412) 578-2565. Each paper must include an abstract and a one-page statement of the nature and significance of its contributions. In addition to papers, proposals for one-day tutorials are solicited. Send proposals by February 1, 1979, to C. V. Ramamoorthy, Dept. of EE and Computer Science, University of California, Berkeley, CA 94720; (415) 642-4751.

Digital Encoding of Graphics: Proceedings of the IEEE, July 1980 special issue. Contributions are requested on encoding of man-made graphical material in black and white (bi-level), gray-level, or color. Emphasis will be on tutorial papers and papers covering new methodology, techniques of analysis, realization, and experimentation, and applications of special hardware. Submit a short letter of intent or an outline by April 15, 1979, to Dr. A. A. Netravali, Bell Labs, Rm. 4C-538, Crawford's Corner Rd., Holmdel, NJ 07733.