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 are listed but not indented. Submit information by the first day of the month preceding the month of publication to Computer Magazine, 5855 Naples Plaza, Suite 301, Long Beach, CA 90803.

Computer Magazine is looking for papers and articles that survey important developments across the breadth of the field, describe particular developments from a tutorial point of view, or explore application areas. The following special issues are being organized: Data Base Machines, Military Computer Family Architecture, Data Management and Storage Hierarchies, Circuit Switching, Software Quality Assurance, Network Protocols, Medical Data Bases in Patient Care, Hardware Test Technology, Human Factors in Software Engineering, and Backend Storage Networks. Submit four copies of manuscript, including illustrations and references, to our technical editor, Dr. Poria Isaacson, Electronic Data Systems, 7171 Forest Lane, Dallas, TX 75230; (214) 661-6241.

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 R. Erkenkamp, 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—CCT, 180 Queen’s Gate, London SW7 2BZ, England.

EUROGRAPHICS 78: October 25-27, 1979, Bologna, Italy. Submit five copies of a 1000- to 5000-word paper by February 28, 1979, to Karl Bo, Computing Center, University of Trondheim, N-7034, Trondheim, NTH, Norway.

ACM 79 Annual Conference: October 29-31, 1979, Detroit, Michigan. Papers are invited on any aspect of computer science and computer applications, but particularly on the conference theme of “Advances of the 70’s—Challenges of the 80’s.” Send five copies of a paper not to exceed 15 pages including abstract, text, references, and bibliography by March 1, 1979, to James L. Elshoff, Computer Science Dept., General Motors Research Labs, Warren, MI 48090; (313) 575-3180.

1979 International Symposium on Computer Hardware Description Languages and Their Applications: October 8-9, 1979, Palo Alto, California. Papers are solicited on topics such as: concepts, language, architectural description tools, simulation from a CHDL description, automatic hardware generation, new languages and concepts, CHDL in design automation, and structured design methodology. Send four copies of a 200-word abstract or 4000-word paper by March 1, 1979, to Donald L. Dietmeyer, Dept. of Electrical and Computer Engineering, University of Wisconsin, 1425 Johnson Drive, Madison, WI 53706; (608) 262-3890.

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 mainframe computer 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, Bellevue, Michigan. Regular and short papers describing recent advances in all aspects of parallel/distributed processing are invited. Topics may include parallel/distributed logic circuits; various concurrent, distributed, parallel, pipeline, or multiple-processor architectures; processor-memory interconnections; computer networks; distributed data bases; reliability and diagnostics; modeling and simulation techniques; performance measurements; operating systems; languages; or various application studies. Abstracts and detailed summaries, including references and figures, are required by March 15, 1979. For regular papers submit four copies of each of a 100-word abstract and a 1500-word summary or paper. For short papers submit four copies of each of a 100-word abstract and 500-word summary. Include office and/or home telephone numbers. Send to Prof. Oscar N. Garcia, Computer Science Program, EES Dept.—Library 630, University of South Florida, Tampa, FL 33620; (813) 974-4232.

COMPAC 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, support software, operating systems, and peripheral devices. Send four copies of a 1000-word digest by April 1, 1979, to John M. Williams, System Development Corp., 7929 Westpark Dr., McLean, VA 22102; (703) 790-8980, ext. 120.

Sixth Data Communications Symposium: November 27-29, 1979, Pacific Grove, California. Submit four copies each of a complete paper and a 500-word summary by April 1, 1979, to Dr. Wushow Cho, North Carolina State University, Computer Studies Program, PO Box 5490, Raleigh, NC 27650.

First International Conference on Distributed Computing Systems: October 1-4, 1979, Huntsville, Alabama. Papers are solicited on topics such as: decentralized control, executive processes, and operating systems; logical and physical interconnection and communication; reliability and fault tolerance; computer systems; computer architecture; distributed data bases; software engineering and programming languages; specification, verification, and validation; design 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. Ramamoor- thy, Dept. of EE and Computer Science, University of California, Berkeley, CA 94720; (415) 642-4751.

COMPSAC 79: November 5-8, 1979, Chicago, Illinois. The Computer Society’s Third International Computer Software and Applications Conference invites papers on topics such as: software development methodology; software management; data base management systems; data communication and computer networking; transaction and information management systems; computers in biomedicine; business office automation; industrial automation; design automation; applications in communications, education, energy, government, military, process control, transportation, etc.; application-oriented languages; reliability, maintainability, and security; software testing and tools; minil/micro software; distributed system performance; human engineering of software systems; and legal implications of EDP technology. Send five copies of a 1000- to 5000-word paper by June 1, 1979, to Prof. K. S. Fu, School of EE, Purdue University, West Lafayette, IN 47907.