



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.

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: 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. Portia Isaacson, Electronic Data Systems, 7171 Forest Lane, Dallas, TX 75230; (214) 661-6241.

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 consensus 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.

Eighth Annual Conference of the MUMPS Users' Group: June 6-8, 1979, Atlanta, Georgia. Send a 250-word abstract by **March 1, 1979**, to Judith Faulkner, Dept. of Psychiatry, Clinical Sciences Center, 600 Highland Ave., Madison, WI 53792.

West Coast Computer Faire: May 11-13, 1979, San Francisco, California. Submit camera-ready paper by **March 1, 1979**, to Computer Faire, Box 1579, Palo Alto, CA 94302; (415) 851-7075.

MIMI '79 Fifth Annual International Symposium, Mini- and Microcomputers: May 22-25, 1979, Zurich, Switzerland. Send three copies of a 200-word abstract by **March 1, 1979**, to MIMI '79, PO Box 354, CH-8053 Zurich, Switzerland.

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. 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 each of a 100-word abstract and a 1500-word summary or full text. For short papers submit four copies 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.

NCC '79 Personal Computing Festival: June 4-7, 1979, New York, New York. Submit camera-ready papers by **March 15, 1979**, to Jay P. Lucas, 3409 Saylor Place, Alexandria, VA 22304; (703) 751-3332.

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 micro-

processor 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) 790-9850, ext. 120.

17th Annual Meeting, Association for Computational Linguistics: August 11-12, 1979, La Jolla, California. Submit five copies of an extended abstract by **April 1, 1979**, to Dr. Norman Sondheimer, Sperry Univac, PO Box 500, MS 2G3, Blue Bell, PA 19424; (215) 542-5896.

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 Chou, 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, executives, 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; 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. Ramamoorthy, Dept. of EE and Computer Science, University of California, Berkeley, CA 94720; (415) 642-4751.

MIMI '79 Montreal, Ninth International Symposium and Exhibition, Mini- and Microcomputers: September 26-29, 1979, Montreal, Canada. Submit three copies of a 200-word abstract by **April 15, 1979**, to MIMI '79 Montreal, PO Box 2481, Anaheim, CA 92804; (714) 774-6144.

Conference on Simulation, Measurement and Modeling of Computer Systems: August 13-15, 1979, Boulder, Colorado. Submit four copies of paper and abstract by **April 15, 1979**, to Gary J. Nutt, Xerox PARC, 3333 Coyote Hill Rd., Palo Alto, CA 94304.

Fifth Annual Asilomar Workshop on Microprocessors, May 23-25, 1979, Pacific Grove, California. A call for participation has been issued. Contact Ted Lalotias, HP Labs, 3500 Deer Creek Rd., Palo Alto, CA 94304; (415) 494-1444 by **April 15, 1979**.

Journées d'Electronique 79: October 2-4, 1979, Lausanne, Switzerland. Papers are solicited on the conference theme, "Microprocessors: A Tool for the Future." Submit a two-page abstract by **April 30, 1979**, to Journées d'Electronique 1979, EPFL, Bellerive 16, CH 1007 Lausanne, Switzerland.

Sixth Data Communications Symposium: November 27-29, 1979, Pacific Grove, California. Deadline date has been extended to **May 1, 1979**. Send four copies each of a complete paper and a 500-word summary to Dr. Wushow Chou, North Carolina State University,

Computer Studies Program, PO Box 5490 Raleigh, NC 27650.

Communications 80 (IEEE et al.): April 15-18, 1980, Birmingham, England. Submit a 500-word synopsis by **May 21, 1979**, to IEEE Conference Dept., Savoy Place, London WC2R OBL, England.

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 communication, education, energy, government, military, process control, transportation, etc.; application-oriented languages; reliability, maintainability, and security; software testing and tools; mini/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.



CALENDAR

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June 1979

National Computer Conference, June 4-7, New York, New York. Contact Thomas C. White, AFIPS, 210 Summit Ave., Montvale, NJ 07645.

Eighth Annual Conference of the MUMPS Users' Group, June 6-8, Atlanta, Georgia. Contact Judith Faulkner, Dept. of Psychiatry, Clinical Sciences Center, 600 Highland Ave., Madison, WI 53792.

Computers in Radiology and Computer-Aided Analysis of Radiological Images, June 18-20 and June 20-21, joint conferences in Newport Beach, California. Contact Prof. Jack Sklansky, School of Engineering, University of California, Irvine, CA 94717.

FTCS-9, 1979 International Symposium on Fault Tolerant Computing, June 20-22, Madison, Wisconsin. Contact Charles R. Kime, Dept. of Electrical and Computer Engineering, University of Wisconsin, Madison, WI 53706.

ACM/NBS Symposium, June 21, Gaithersburg, Maryland. Contact Charles W. Bridges, 151 Fleetwood Terrace, Silver Spring, MD 20910.

Computer Elements Committee Eighth Annual Summer Workshop, June 24-27, Vail, Colorado. Contact Peter Verhorfstadt, Fairchild Semiconductor, 464 Ellis, MS2-109, Mountain View, CA 94040.

Design Automation Conference, June 25-27, San Diego, California. Contact David W. Hightower, Texas Instruments, Inc., PO Box 225621, MS 907, Dallas, TX 75265; (214) 238-5667.

First National Conference on Computers in Education, June 25-27, Iowa City, Iowa. Contact David Rine, Dept. of Quantitative and Information Science, Western Illinois University, Macomb, IL 61455; (309) 298-1315.

First International Symposium on Policy Analysis and Information Systems, June 28-30, Durham, North Carolina. Contact Prof. Paul P. Wang, Dept. of EE, Duke University, Durham, NC 27706.

July 1979

1979 Summer Computer Simulation Conference, July 16-18, Toronto, Ontario, Canada. Contact Dr. A. J. Schiewe, SCSC '79, c/o The Aerospace Corp., PO Box 92957, Los Angeles, CA 90009.

1979 International Symposium on Circuits and Systems (IEEE et al.), July 17-19, Tokyo, Japan. Contact T. Fujisawa, Faculty of Engineering Science, Osaka University, Toyonaka, Osaka 560, Japan.

August 1979

1979 Pattern Recognition and Image Processing Conference, August 6-8, Chicago Illinois. Write to PRIP 79, PO Box 639, Silver Spring, MD 20901.

SIGGRAPH '79, August 8-10, Chicago, Illinois. Contact Tom DeFanti, Dept. of Information Engineering, University of Illinois at Chicago Circle, Box 4348, Chicago, IL 60680.

SIGPLAN Symposium on Compiler Construction, August 8-10, Boulder, Colorado. Contact Fran Allen, T. J. Watson Research Center, PO Box 218, Yorktown Heights, NY 10598; (914) 945-1258.

17th Annual Meeting, Association for Computational Linguistics, August 11-12, La Jolla, California. Contact Dr. Norman Sondheimer, Sperry Univac, PO Box 500, MS 2G3, Blue Bell, PA 19424.

Conference on Simulation, Measurement and Modeling of Computer Systems, August 13-15, Boulder, Colorado. Contact Paul F. Roth, NBS, Technology Bldg., Room B-250, Washington, DC 20234.

1979 International Conference on Parallel Processing, August 21-24, Bellaire, Michigan. Contact Anne Matthews, Dept. of Electrical and Computer Engineering, Wayne State University, Detroit, MI 48202; (313) 577-3864 or (313) 577-3920.

September 1979

International Conference and Exhibition on Engineering Software, September 4-6, Southampton, England. Contact Dr. R. Adey, ENGSOFT, 6 Cranbury Pl., Southampton SO2 0LG England.

COMPCON 79 Fall, September 4-7, Washington, DC. Contact COMPCON 79 Fall, PO Box 639, Silver Spring, MD 20901.

OCEANS '79 (IEEE et al.), September 17-19, San Diego, California. Contact R. H. Gautier, 4455 Monaco St., San Diego, CA 92107; (714) 224-3928.

Fourth International Conference on Software Engineering, September 17-19, Munich, Germany. Contact Dr. L. Stucki, Boeing Computer Services, PO Box 24346, Seattle, WA 98124.

WESCON (IEEE), September 18-21, San Francisco, California. Contact W. C. Weber, Jr., 999 N. Sepulveda Blvd., El Segundo, CA 90245; (213) 772-2965.

EURO-IFIP 79, September 25-28, London England. Contact IFIP Secretariat, 3 rue du Marche, CH-1204 Geneva, Switzerland.

MIMI '79 Montreal, Ninth International Symposium and Exhibition, Mini- and Microcomputers, September 26-29, Montreal, Canada. Contact MIMI '79 Montreal, PO Box 2481, Anaheim, CA 92804.

Northeast Computer Show, September 28-30, Boston, Massachusetts. Contact Northeast Expositions, Box 678, Brookline Village, MA 02147.

October 1979

SIGSMALL '79, Second Annual Symposium on Small Systems, Oct. 1-3, Dallas, Texas. Contact Dr. Fred Maryanski, Computer Science Dept., Kansas State University, Manhattan, KS 66506.

First International Conference on Distributed Computing Systems, October 1-4, Huntsville, Alabama. Contact Prof. B. D. Carroll, EE Dept., Auburn University, Auburn, AL 36830; (205) 826-4330.

Journées d'Electronique 79, October 2-4, Lausanne, Switzerland. Contact Journées d'Electronique 1979, EPFL, Bellerive 16, CH 1007 Lausanne, Switzerland.

Fifth International Conference on Very Large Data Bases, October 3-5, Rio de Janeiro, Brazil. Contact Prof. Howard Morgan, The Wharton School, University of Pennsylvania, Philadelphia, PA 19174.

1979 International Symposium on Computer Hardware Description Languages and Their Applications, October 8-9, Palo Alto, California. Contact W. G. Magnuson, Jr., Lawrence Livermore Lab., PO Box 5504, Livermore, CA 94550; (415) 422-9950.

Design Automation Workshop, October 10-12, East Lansing, Michigan. Contact Harry Hayman, PO Box 639, Silver Spring, MD 20901.

Fourth Conference on Local Computer Networking, October 22-23, Minneapolis, Minnesota. Contact Abe Franck, University Computing Center, University of Minnesota, MN 55455; (612) 376-7291.

Computers in Aerospace II, October 22-24, Los Angeles, California. Contact Richard R. Erkeneff, Dept. 236, McDonnell Douglas Astronautics, Co., 5301 Bolsa Ave., Huntington Beach, CA 92647; (714) 896-4975.

ISA/79, October 22-25, Chicago, Illinois. Contact Instrument Society of America, 400 Stanwix St., Pittsburgh, PA 15222.