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, 3855 Naples Plaza, Suite 301, Long Beach, CA 90803.

MIMI 77 Montreal: November 16-18, 1977, Montreal, Canada. Meeting comprises two symposiums. Papers are invited covering design of signal Mini- and Microcomputers, November 16-18, covers all aspects of these devices and their applications, including technology, hardware, software, systems, communications, and development aids. Personal and Home Computers, November 17 and 18, covers such topics as home information systems, computers as a hobby, speech synthesis, and computers in education. A 200-250 word abstract should be submitted by September 1, 1977, to Prof. J. L. Houle—MIMI 77, Ecole Polytechnique, Case postale 6079, succursale A, Montreal, Quebec, Canada H3C 3A7. Final copy on accepted papers is due by November 15.

Second ECI Conference: October 10-12, 1978, Venice, Italy. The European Cooperation in Informatics is seeking papers on information systems methodology on such topics as analysis of user needs; designing systems; development of systems; impact of new technology; and evaluation, use, and maintenance. Please indicate intention to submit papers by September 15, 1978. Papers must be submitted before January 15, 1978; they must be written in English, typed double-spaced, be no more than 6000 words long, contain an abstract, and have a cover page that gives the title, name, affiliation, and mailing address of author. Send material to Professor Dr. P. Lockemann, Institut fur Informatik II, Universitat Karlsruhe, Postfach 6980, D-7500 Karlsruhe 1, Federal Republic of Germany.

IEEE International Conference on Acoustics, Speech, and Signal Processing: April 10-12, 1978, Tulsa, Oklahoma. Prospective authors are invited to submit titles and 100-word abstracts in the following areas: general signal processing, speech processing, underwater acoustics, seismic signal analysis, electrophysiology, and noise measurement. The abstract should be reproducible, on 8½ x 11 paper, and submitted in duplicate before September 22, 1977, to technical program chairman, Thomas H. Crystal, Institute for Defense Analysis, 1751 G Street, Washington, D.C. 20006 (202) 462-5778. Accepted papers are due December 19, 1977.

IEEE International Solid State Circuits Conference: February 15-17, 1978, San Francisco, California. Previously unpublished papers are invited covering the design, performance, testing or application of solid-state circuits and systems. Areas of interest include integrated electronics, circuit techniques, circuit applications of new devices, opto-electronics, microwave electronics, and circuit design and testing. Authors must submit 20 copies of both a 35-word program abstract and a 300- to 500-word review summary of a paper suitable for 20-minute presentation by September 2, 1977, to Lewis Winner, 152 west 42nd St., New York, N.Y. 10036; (212) 279-3125. 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 BB5 1LH, 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.

Fifth Annual Symposium on Computer Architecture: April 3-5, 1978, Palo Alto, California. Original papers on novel and recent developments on all aspects of computer architecture are solicited, with emphasis on, but not limited to, the following topics: system architecture, computer and networks, reliability and maintainability, performance evaluation, power and packaging. Four copies of the manuscript (no longer than 20 double-spaced typewritten pages) and one copy of the abstract should be submitted by October 1, 1977, to the program chairman: David Cockett, Hewlett-Packard, 1100 Wolfe Road, Cupertino, CA 95014; (408) 257-7800, Ext. 2629. Final papers are due February 1, 1978.

Vehicular Technology Conference: March 22-24, 1978, Denver, Colorado. Papers are invited covering the design, performance, testing or application of systems and components to vehicular environments. Papers are solicited in the following areas: vehicle or data communications, propulsion advancements, energy conversion, command and control systems, life support, and vehicle sensing/locating. Submit six copies of a 500-word outline by October 15, 1977, to program and papers coordinator, John F. Shafer, U.S. Department of Commerce, National Bureau of Standards, 325 Broadway, Boulder, CO 80302; (303) 499-1000 ext. 3185.

National Computer Conference: June 5-8, 1978, Anaheim, California. Original short papers (2500 words) and long papers (5000 words), accompanied by a 150-word abstract, are solicited on these and other topics: Legislation and its impact, computing careers and education, EFTS, office automation, artificial intelligence, software project management, DP productivity aids, impact of new hardware technology, and distributed systems. Six typed, double-spaced copies of papers submitted for consideration must be received by October 21, 1977; they must be in final form with quality figures and tables ready for typesetting. Send submissions to conference chairman, Stephen W. Miller, Stanford Research Institute, 333 Ravenswood Ave., L 1109, Menlo Park, CA 94025 or to program chairman, Leonard Y. Liu, IBM Research Laboratory K51/282, 5600 Cottle Road, San Jose, CA 95193.

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 BB5 1LH, 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.

August 1977
Third 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 systems, system families; software quality—reliability, security/integrity; 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 5000 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, N. Y. 10598; (914) 945-2825.

Fourth Joint College Curricula Workshop in Computer Science and Engineering: February 2-3, Orlando, Florida. Short papers are invited in the areas of computer science and engineering and data processing education on topics related to the following: computer homes and other topics; appraisals of data processing programs at community and junior colleges, information science programs, determination of state of learning performance with CAI, course and subject integration techniques (spiral approaches), analyses of curricula material, and special undergraduate teaching techniques. Three copies of contributed papers (double spaced, 2 to 15 pages long) should be sent to the program co-chairman, Professor David Rine, Information Science, Western Illinois University, Macomb, IL 61455, by November 15, 1977.

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, data base models, distributed data bases, data base management systems on minicomputers, access control, performance evaluation, and applications. Three copies of papers, complete with name, affiliation, and telephone of author, are required by November 30, 1977. They should be sent to program committee chairman, Giorgio Vally, Filosofi e SperimentaF, Facoltà di Informatica, Università di Bologna, 40136 Bologna, Italy, or to Dennis Tsichritzis, Computer Systems Research Group, University of Toronto, Toronto, Canada M5S 1A4.

Fourth International Joint 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, robot vision, digital techniques, and special hardware. Submit 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, Masahiko Nakano, Department of Electrical Engineering, Kyoto University, Sakyo, Kyoto, 606 Japan. Camera ready copy of accepted papers is due August 1, 1978.

CALENDAR


Annual AICA Congress, October 12-14, Pisa, Italy. Contact Secretary, Italian Association for Computing Machinery, I.E.I.—C.N.R., Via S. Maria, 46, 56100 Pisa, Italy.

Tutorial on Oceanographic Application for Microcomputers, October 15, Los Angeles, California. Contact Professor Jack Lipovski, Electrical Engineering Department, University of Texas, Austin, TX 78712.

Oceans 77 Conference, October 15-19, Los Angeles, California. Contact conference secretary, Dave Weissman, Jet Propulsion Laboratory, 4800 Oak Grove Avenue, Mail Station 183-501, Pasadena, CA 91103; (213) 354-7276.

ACM National Conference, October 16-19, Seattle, Washington. Contact James S. Kelch, P.O. Box 16156, Seattle, WA 98116; (206) 935-6776.

SYSTEMS 77, October 17-21, Munich, W. Germany. Computer systems and their application, international seminars and trade fair. Munchener Messe- und Ausstellungs GmbH Messesiegelande, Postfach 12 10 09, 800 Munchen 12, W. Germany.

International Conference on Modelling Semiconductor Devices, October 17-20, Grenchen, Switzerland. Contact the Secretariat des Journees d'électronique de l'EPEL 16, chemin de Bellerive, CH-1007 Lausanne, Switzerland.

Design Automation Workshop, October 19-21, Michigan State University, East Lansing, Michigan. Contact Harry M. Taxin, Computer-Aided Design Dept., Hughes Aircraft Company, Culver City, CA 90230; (213) 391-0711, Ext. 2273 or 4186.


Second International Computer Music Conference, October 26-30, San Diego, Calif. Contact Computer Music Conference, University of California at San Diego, 0-037, La Jolla, CA 92038.


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

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 G. Adelson, 160 Speen St., Framingham, MA 01701.


AUTOTESTCON, November 2-4, Hyannis, Mass. For more information on the International Automatic Testing Conference, contact general chairman, E. B. Galton, RCA Corporation, P.O. Box 586, Burlington, MA 01803.

Aislomar Conference on Circuits, Systems and Computers, November 6-8, Pacific Grove, California. Contact John W. Woods, Rensselaer Polytechnic Institute, School of Engineering, Troy, NY 12181.

MIDCON, November 8-10, Chicago, Illinois. Contact Electronic and Electrical Industries Inc., 999 N. Sepulveda Blvd., El Segundo, CA 90245; (213) 772-2965.

Sixth Texas Conference on Computing Systems, November 14-15, University of Texas. Contact Prof. James Sneeringer, Dept. of Computer Science, Painter Hall 3.28, University of Texas, Austin, TX 78712.

COMPSAC Tutorials, November 8, Chicago, Illinois. Three day-long tutorials will precede the main conference. For further information see Update. Tutorial contact is Richard Merwin, Editor, IE/EC, P.O. Box 32222, Washington, D.C. 20007.