CALL FOR PAPERS

Calls are listed according to submital deadline. Conferences in which the Computer Society is a sponsor or participant are indicated by the IEEE Computer Society logo; others 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:

Translator Writing Systems and Supersystems in the 1980's. 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) 861-4068.

SPIE's 24th International Symposium and Instrument Display: July 28-August 1, 1980, San Diego, California. Submit author's application and four copies each of a brief professional biography and a one-paragraph abstract by March 24, 1980, to SPIE Technical Programs Committee, PO Box 10, Bellingham, WA 98225; (206) 676-3290. Complete papers are due June 2, 1980.

COMPCON '80 Fall: September 23-25, 1980, Washington, DC. The conference theme will be "Distributed Computing." State-of-the-art surveys, technical discussions of existing systems, and reports from the cutting edge are solicited. For a paper, submit four copies of a 1000-word informal digest by April 1, 1980, to Dr. David Nelson. For a five-minute "Short Notes" presentation on new work or applications, submit a 250-word summary with your name and affiliation by August 1, 1980. Address all submissions to COMPCON '80 Fall, PO Box 639, Silver Spring, MD 20901.

Fifth International Conference on Pattern Recognition: December 1-4, 1980, Miami Beach, Florida. Long papers of about 6000 words for 25-minute presentations and short papers of not more than 3000 words for 15-minute presentations are invited on all aspects of pattern recognition research. Send four copies of the draft paper and a 200-word summary by April 1, 1980, to the program chairman: Prof. Y. T. Chien, Dept. of EE & CS, U-157, University of Connecticut, Storrs, CT 06268; (203) 486-4825.

Journées d'électronique et de microtechnique 1980: October 7-9, 1980, Lausanne, Switzerland. For a paper on limits to miniaturization, submit a two- to three-page summary before April 1, 1980, to: Secrétariat des Journées d'électronique, Département d'électricité de l'EPFL, 16, ch. de Bellerive, CH-1007 Lausanne, Switzerland.

1980 International Conference on Circuits and Computers for Large Scale Systems: October 1-3, 1980, Port Chester, New York. For a regular paper, submit four copies of a 200-word abstract or summary and, if possible, the full text for a short paper, submit a 100-word abstract. Send by April 4, 1980, to Dr. N. B. Guy Rabbat, IBM Corporation, D/818, B/300-45A, Hopewell Junction, NY 12533; (914) 897-6126.

GOMAC-80, 1980 Government Microcircuit Applications Conference: November 19-21, 1980, Houston, Texas. For a classified or unclassified paper arising out of a program sponsored or conducted by a government agency, submit ten copies each of a 35-word abstract and a 300- to 500-word summary by April 8, 1980, to Hillgarde Hammond, Palisades Institute for Research Services, Inc., 201 Varick St., New York, NY 10014; (212) 620-3388.

Fifth Conference on Local Computer Networks: October 6-7, 1980, Minneapolis, Minnesota. Submit three copies of a paper with return address and phone number by April 15, 1980, to Dr. Kenneth J. Thurber, Program Chairman, Fifth Conference on Local Computer Networks, Sperry Univac, U2019, PO Box 3525, St. Paul, MN 55165. Authors will be notified of acceptance by May 15, 1980, and camera-ready copy is due July 15, 1980.


21st Annual IEEE Symposium on Foundations of Computer Science: October 13-15, 1980, Lake Placid, New York. For a paper describing original research in the theoretical aspects of computer science, submit eight copies of a detailed abstract, five to ten typed pages long, by April 23, 1980, to the program chairman: Prof. Andrew C. Yao, Computer Science Dept., Stanford University, Stanford, CA 94305. Specify conference presentation length for the paper—either 10-15 or 25-30 minutes. Notification of acceptance or rejection will be made by June 18, 1980.

Multiple-Valued Logic: September 1981. Special Section of the IEEE Transactions on Computers. Papers accepted by the 1980 International Symposium on Multiple-Valued Logic will be automatically considered. Other authors should submit copies of their papers by April 30, 1980, to Jon T. Butler, Dept. of Electrical Engineering and Computer Science, Northwestern University, Evanston, IL 60201; (312) 492-5629.

ACM Small/Personal Computer Conference: September 16-19, 1980, Palo Alto, California. Submit three copies of an abstract or draft paper by May 1, 1980; the final paper, in triplicate, is due May 15, 1980. For a paper on small systems, send the abstract to G. W. Gorsline, Dep't of Computer Science, Virginia Polytechnic Institute, Blacksburg, VA 24061; (703) 961-6262 or (703) 961-6931. For a paper on personal computers, send the abstract to Lisa Loo, LPOP Center, Inc., 3781 Staircase Circle, Palo Alto, CA 94306; (415) 858-2034.

COMPSC '80: October 27-31, 1980, Chicago, Illinois. For the IEEE Computer Society's Fourth International Computer Software and Applications Conference, submit five copies of a 1000- to 5000-word paper typed double-space before May 1, 1980, to the program chairman: Dr. Carl Davis, Data Processing Directorate, BMD/PATC, Code T34, 1201 King Street, Alexandria, VA 22314; (703) 895-4114. The following information must occur on the first page: title; 150-word abstract; names, affiliations, complete mailing addresses, and telephone numbers for all authors; a statement of commitment indicating that one author will present the accepted paper at COMPSC '80; and, in the case of multiple authors, indication of which author will be responsible for the accepted paper's inclusion in the conference proceedings. Authors will be notified of acceptance by July 15, 1980, and the deadline for receipt of camera-ready copy is September 2, 1980.

International Congress on Applied Systems Research and Cybernetics: December 12-15, 1980, Acapulco, Mexico. Submit two copies of a 50-word abstract and a detailed summary for a paper not exceeding 2500 words by May 1, 1980, to the congress president: Dr. George E. Lasker, School of Computer Science, University of Windsor, Windsor, Ontario, Canada N9B 3P4; (519) 253-4232, Ext. 827.

Seventh International Conference on Computers in Cardiology: October 23-25, 1980, Williamsburg, Virginia. Papers dealing with all aspects of computers in cardiology are...
solicited for this year's conference which will emphasize echocardiography, left ventricular wall motion, arrhythmia monitoring, intensive care monitoring, database systems, and cardiopulmonary research. For an abstract submission form, contact Harold Ostrow, Division of Computer Research and Technology, National Institutes of Health, Bethesda, MD 20014. Deadline for abstracts is May 15, 1980; notification of acceptance will be made by July 1, 1980.


Micro 13: November 30-December 3, 1980, Colorado Springs, Colorado. The 13th Annual Workshop on Microprogramming invites tutorial, survey, and evaluation papers as well as papers describing specific research results on user microprogrammable machines, LSI, design of microprogrammable hardware, and software tools to support microprogramming. Submit a paper by June 1, 1980, to Bruce Kitinger, Micro-13 Program Chairman, IBM Corporation-Tucson, General Products Division, Tucson, AZ 85744; (602) 741-3389.

18th Annual Allerton Conference on Communication, Control, and Computing: October 8-10, 1980, Monticello, Illinois. Submit title, 50-word abstract, and 500-word summary by August 1, 1980, to Allerton Conference, c/o Prof. D. V. Sarwate, Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, Urbana, IL 61801; (217) 333-2511.

May 1980

Fourth Annual Conference of the Jamaica Computer Society, May 2-4, Ocho Rios, Jamaica, West Indies. Contact R. Kerr, Jamaica Computer Society, I.C.L., 34 Old Hope Rd., Kingston 5, Jamaica, West Indies.


Micro Expo '80, May 6-8, Paris, France. Contact Robert Marc Corp., 2544 Sixth St., Berkeley, CA 94710; (415) 848-8233.

Seventh International Symposium on Computer Architecture, May 6-8, La Baule, France. Contact Jacques Lenfant, IRISA, Universite de Rennes, Campus de Beaulieu, 35042 Rennes Cedex, France; or Daniel E. Atkins, Dept. of ECE, University of Michigan, Ann Arbor, MI 48109; (313) 763-0034.

FIF Workshop on Problem Areas on Digital System Description and Design Tools, May 9-10, La Baule, France. Contact Dominique Borrione, Workshop Chairperson, Laboratoire IMAG, B.P. 53 S-F-38041, Grenoble, Cedex, France; or Mario R. Barbara, Department of Computer Science, Carnegie-Mellon University, Pittsburgh, PA 15213.


12th Southeastern Symposium on System Theory, May 19-20, Virginia Beach, Virginia. Contact Prof. G. J. McRee, Symposium Chairman, Dept. of EE, Old Dominion University, Norfolk, VA 23508; (804) 440-3741.


CECON '80 (IEEE et al.), May 20-22, Cleveland, Ohio. Contact Mike Lapine, CECON Headquarters, 2728 Euclid Ave., Cleveland, OH 44115; (216) 241-5155.

Second Clemson Small Computer Conference, May 21-22, Clemson, South Carolina. Contact William J. Barnett, Department of Electrical and Computer Engineering, Riggs Hall, Clemson University, Clemson, SC 29631; (803) 656-3376.


International Workshop on High-Level Language Computer Architecture, May 26-28, Fort Lauderdale, Florida. Contact Dr. Yaohan Chu, Dept. of Computer Science, University of Maryland, College Park, MD 20742; (301) 454-4245.


June 1980

Symposium on Machine Processing of Remotely Sensed Data in conjunction with the International Symposium on Soil Information and Remote Sensing, June 2-6, West Lafayette, Indiana. Contact Purdue University, Division of Conferences, West Lafayette, Indiana 47907.

10th International Symposium on Multi-Valued Logic, June 3-5, Evanston, Illinois. Contact Dr. Jon T. Butler, Dept. of ECECS, Northwestern University, Evanston, IL 60201; (312) 492-5628.

Computers in Critical Care and Pulmonary Medicine, Second International Symposium, June 3-6, Lund, Sweden. Contact Miss Bodil Richardsson, Kliniskt Fysiologiska avdelning, Lasarettet, S-221 85 Lund, Sweden; Tele. (46) 10100 (1827).


ATE Seminar/Exhibit, June 16-18, Boston, Massachusetts. Contact Meg Bowen, ATE SeminarExhibit, c/o Benwell Publishing Corp., 1050 Commonwealth Ave., Boston, MA 02215; (617) 232-5470.