CALL FOR PAPERS

Calls are listed according to submission deadlines. 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 six weeks before the month of publication—e.g., for the April 1981 Issue, send information for receipt by February 15, 1981—to COMPUTER, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

Computer 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: Language Directed Architectures, Image Analysis, Array Processor Architecture, Decision Support Systems, Computer Graphics, Data Flow Supercomputers, Pictorial Information Systems, Application-Oriented Specifications, and Applications of Fuzzy Set Theory in Computing. Submit four copies of manuscript, including illustrations and references, to our technical editor, Dr. Portia Isaacson, Future Computing, 634 S. Central Expressway, Richardson, TX 75080; (214) 783-9375.


10th IFIP Conference on System Modeling and Optimization: August 24-28, 1981, Bellaire, Michigan. An abstract and a detailed summary, including references and figures, are required by March 1, 1981. For a regular paper, submit four copies each of a 100-word abstract and a 1500-word summary or full text. For a short paper, submit four copies each of a 100-word abstract and a 500-word summary. Include office and/or home telephone numbers. Send to Prof. M.T. Liu or Prof. Jerome Rothstein, Dept. of Computer and Information Science, Ohio State University, Columbus, OH 43210; (614) 422-1837 or 422-7027.

Seventh International Joint Conference on Artificial Intelligence: Vancouver, B.C., Canada. Submit a 100- to 250-word abstract and three copies of the paper by March 1, 1981, to Roger C. Scharf, Program Chairman UCAC-81, Yale University, Computer Science Dept., PO Box 2158 YS, New Haven, CT 06520; (203) 436-0606.

Seventh International Conference on Very Large Data Bases: September 9-11, 1981, Cannes, France. Papers must be in English and no longer than 5000 words. Topics include distributed data bases, data base machines, office automation, and data base theory, design, and implementation. Send three copies of the full manuscript to each of the co-chairs by March 1, 1981: Claude Delobel, USMq-MAG, B.P.53, 38041 Grenoble Cedex, France; Carlo Zaniolo, Bell Laboratories, Holmdel, NJ 07733, USA.

IECI '81 International Conference and Exhibit on Industrial, Control and Instrumentation Applications of Mini and Microcomputers: November 9-12, 1981, San Francisco, California. Send by March 1, 1981, 10 copies of an extended summary (500-600 words) and of an abstract (no more than 40 words) of the paper to be submitted to the technical program chairman nearest you: Robert A. Begun, FMC, 1185 Coleman Ave., Santa Clara, CA 95052, (408) 289-3751; V.K. L. Huang, Bell Telephone Laboratories, Murray Hill, NJ 07974, (201) 582-4630.

Motorcon '81: June 10-13, Chicago, Illinois. Papers dealing with motors and motor control technologies will be presented at this conference. Abstracts and 200-word summaries for papers should be sent no later than March 1, 1981 to Motorcon '81, Jim Guild, 2009 Ocean Dr., Oxnard, CA 93030; (805) 985-1595.


SPIE International Symposium and Instrument Display: August 24-28, 1981, San Diego, California. Author's application, four copies of a one-paragraph abstract 200-300 words in length, and four copies of a brief professional biography are due March 9, 1981; complete manuscripts are due by June 22, 1981. Send materials to 25th Annual Technical Symposium, SPIE Technical Programs Committee, PO Box 10, Bellingham, WA 98227; (206) 676-3290.


COMPCON Fall 81: September 15-17, 1981, Washington, DC. The theme is productivity across the complete spectrum of software, hardware, and management. The conference will cover technology innovation and transfer in such areas as automation, standardization, education, reusability, and...
human factors. Submit four copies of a long paper (25 pages) synthesizing substantial pieces of work, or a short paper (10 pages) covering new ideas, early results, and experiences, by April 1, 1981, to Victor Basili or Raymond Yeh, Department of CS, University of Maryland, College Park, Maryland 20742.

1981 Workshop on Computer Architecture for Pattern Analysis and Image Database Management: November 11-13, 1981, Hot Springs, Virginia. Submit four copies each of a paper and a 100-word abstract by April 1, 1981, to Prof. K.S. Fu, CAPAIDM Program Chairperson, School of EE, Purdue University, W. Lafayette, IN 47907; (317) 494-8825.

ACM/SIGMOD Conference on Functional Programming Languages and Computer Architecture: October 18-22, 1981, Portsmouth, New Hampshire. Submit five copies of a 3000- to 6000-word paper and 10 copies of a 300-word abstract by April 6, 1981, to the conference cochairmen: Prof. Arvind and Prof. Jack Dennis, MIT Laboratory for Computer Science, 545 Technology Square, Cambridge, MA 02139. Accepted papers are due August 17, 1981.

ACM SIGOPS Eighth Symposium on Operating Systems Principles: December 14-16, 1981, Pacific Grove, California. Submit eight copies of a paper, no longer than 5000 words, with the title and author's name and address on a separate cover sheet, by April 30, 1981, to the program chairman: Prof. David P. Reed, Laboratory for Computer Science, MIT, 545 Technology Square, Cambridge, MA 02139. The camera-ready final paper is due September 25, 1981.

ACM SIGMOD/SIGMALL Workshop on Databases for Small Systems: October 14-15, 1981, Orlando, Florida. Submit four copies of a complete paper of approximately 5000 words on applications of systems costing less than $50,000, by May 1, 1981, to the program chairman: Fred Maryanski, ML3-41700, DEC, 146 Main St., Maynard, MA 01754. Persons interested in participating in the workshop's microcomputer database demonstration session are asked to submit brief descriptions of their systems to the program chairman by May 1, 1981.

Second International Conference on Entity-Relationship Approach: October 12-14, 1981, Washington, DC. Submit five copies of the complete manuscript, including abstract, by May 1, 1981, to the program chairman, Prof. Peter P. Chen, Graduate School of Management, UCLA, Los Angeles, CA 90024. Revised papers are due September 1, 1981.

COMPSC 81: December 2-4, 1981, Chicago, Illinois. Papers ranging from 1000 to 5000 words are being solicited for the IEEE Computer Society's Fifth International Computer Software and Applications Conference. The first page must include: title and a maximum 150-word abstract of the paper; author affiliations, complete mailing addresses, and telephone numbers for all authors; commitment statement that one author will present the accepted paper at COMPSC 81; in the case of multiple authors, an indication of which author will be responsible for inclusion of the accepted papers in the conference proceedings. Papers lacking any of the above information will not be reviewed by the program committee. Submit five copies of the paper, typed double-spaced, by June 1, 1981, to the program chairman: Dr. Dennis Fife, National Bureau of Standards, Institute for Computer Science and Technology, Washington, DC 20234. Camera-ready final papers are due September 15, 1981.

Eighteenth International Symposium on Computer Architecture, May 12-14, Minneapolis, Minnesota. Contact Computer Architecture, PO Box 639, Silver Spring, MD 20901; (301) 595-3386.

Technical Committee on Packaging (West), 1981 Workshop, May 13-15, Monterey, California. Contact Ray Usell, Burroughs Corporation, 16701 West Bernardo Dr., San Diego, CA 92127; (714) 451-4397.

Fifth Symposium on Computer Arithmetic, May 18-19, Ann Arbor, Michigan. Contact Prof. D.E. Atkins, Dept. of Electrical and Computer Engineering, University of Michigan, Ann Arbor, MI 48109; (313) 994-1034.

11th International Symposium on Multipre-Valued Logic, May 27-29, Oklahoma City, Oklahoma. Contact the general chairman: Dr. Samuel C. Lee, School of EE/CS, University of Oklahoma, 202 W. Boyd, Rm. 219, Norman, OK 73019; (405) 325-4721.


Fourth Annual International SIGIR Conference, May 31-June 2, Berkeley, California. Contact Dr. Jessie Herr, Research Libraries Group, Stanford University, Stanford, CA 94305.

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Tenth Annual Symposium on Incremental Motion Control Systems and Devices, June 1-4, Rosemont, Illinois. Contact the symposium director: Dr. B.C. Kuo, PO Box 2772, Station A, Champaign, IL 61820; (217) 356-1523 or 333-4341.

International Printed Circuits Conference, June 2-4, New York, New York. Contact Gail Forman, PC 81, 1050 Commonwealth Ave., Boston, MA 02215; (617) 232-5470.

Canadian Information Processing Society Conference, June 8-10, Waterloo, Ontario, Canada. Contact Dr. Ronald George, Dept. of Computing and Information Science, University of Guelph, Guelph, Ontario, Canada N1G 2W1.


CONFAR 81, Conference on Analyzing Problem-Classes and Programming for Parallel Computers, June 10-12, Nurnberg, F. R. Germany. Contact Prof. David Kuck, Dept. of Computer Science, 222 Digital Computer Laboratory, University of Illinois, Urbana, IL 61801, or Prof. Dr. Wolfgang Handler, IMM, University Erlangen-Nurnberg, Martenstrasse 3, D-8520 Erlangen, F. R. Germany.

Seventh Conference of the Canadian Man-Computer Communications Society, June 10-12, Waterloo, Ontario, Canada. For information on this conference, being held in conjunction with the CIPS National Conference, contact J.C. Beatty or K.S. Booth, Dept. of CS, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1; (519) 896-1351.

International Conference on Communications (IEEE Denver Section/Communications Society), June 14-17, Denver, Colorado. Contact ICC 81, PO Box 21291, Denver, CO 80221.

Second Scandinavian Conference on Image Analysis, June 15-17, Helsinki, Finland. Contact Dr. Olli Simula, Dept. of Technical Physics, Helsinki University of Technology, SF-02150 Espoo 15, Finland.


Third National Educational Computing Conference, June 17-19, Denton, Texas. Contact the general chairman: Dr. Jim Poirot, CS Dept., North Texas State University, Denton, TX 76203.


First International Congress on Advances in Non-Impact Printing Technologies, June 22-26, Venice, Italy. Contact Robert H. Wood, Executive Director, Society of Photographic Scientists and Engineers, Central PO Box 28327, Washington, DC 20005.

FITS-11, 1981 International Symposium on Fault-Tolerant Computing, June 24-26, Portland, Maine. Contact Dr. W. C. Carter, IBM Research, PO Box 218, Yorktown Heights, NY 10598; (914) 945-1092.

18th Design Automation Conference, June 29-July 1, Nashville, Tennessee. Contact David W. Hightower, Texas Instruments, PO Box 225621, Mall Stop 3907, Dallas, TX 75265; (214) 995-7827.

19th Annual Meeting of the Association for Computational Linguistics, June 29-July 1, Stanford, California. Contact Don Walker, Artificial Intelligence Center, SRI International, Menlo Park, CA 94025; (415) 326-6200, ext. 3071.

Summer School on Computer Program Testing, June 31-July 5, SOSGESTA Complex, Italy. Contact Prof. B. Chandrasekaran, Ohio State University, Dept. of Computer Information Science, 2036 Neil Avenue Mall, Columbus, OH 43210. 

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