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.

Call for Papers for Computer: We're looking for papers and articles of wide appeal to the readers of Computer. The papers should survey recent important developments across the breadth of the field, describe particular developments from a tutorial point of view, or explore application areas. If you have a manuscript ready for review, submit four complete copies, including illustrations and references or bibliography, to our technical editor at the address below. References should be complete, numbered in the text as superscripts in the order in which they are cited, and should be accessible to our readers. Paper length normally ranges from 4000 to 8000 words. If your manuscript is accepted, you will be asked to supply two copies of the final revised draft, including camera-ready art, plus your biography and photo. Submit to our technical editor: Dr. Jack E. Shenker, Xerox Research, Advanced Development Lab, Mail Station C3-50, 701 South Aviation Blvd., El Segundo, CA 90245.

Society for Information Display 1976 International Symposium: May 4-6, 1976, Beverly Hills, California. A few postdeadline papers reflecting important new projects will be considered for 10-minute presentations if 100-word abstracts and summaries are received by March 15, 1976. Send to Philip M. Heynig, RCA Laboratories, Princeton, NJ 08540; (609) 452-2700 X2805.

Developments in Semiconductor Microlithography: June 1-3, 1976, San Jose, California. This user-oriented seminar-in-depth, sponsored by the Society of Photo-Optical Instrumentation Engineers, will cover precision applications of semiconductor microlithography and related disciplines. Original and tutorial papers of high technical caliber are invited on, but not limited to, the areas of optics for high-resolution imagery, high-resolution proximity, projection or contact printing; photomask and wafer inspection techniques; photo and electron mask alignment techniques; E-beam lithography; and step-and-repeat imaging. Submit four copies of one-paragraph abstracts (200-word maximum) by March 15, 1976, complete manuscript by May 15, 1976, to SPIE National Offices, P. O. Box 1146, Palos Verdes Estates, CA 90274.

Conference on Data Privacy and Data Security: September 21-23, 1976, University of Linz/Austria. Directed toward legal professionals and computer scientists, users, and manufacturers, the main objective of this conference is to initiate interdisciplinary discussion. Papers are requested on the social, legal, economic, and technical aspects of data privacy and security. Conference languages will be German and English. Submit complete manuscripts of 10-15 pages by March 15, 1976, to Univ. Prof. Dr.-Ing. Arno Schulz, Institut fur Statistik und Informatik, Universitat Linz, A4045 Linz/Auhof.

International Conference on Parallel Processing: August 24-27, 1976, Waldenwoods Conference Center near Detroit, Michigan. Submit four copies of a 100-word abstract and a summary (1000 words for regular papers, 300-500 words for short papers) before March 15, 1976, to Prof. Philip H. Enslow, Jr., School of Information and Computer Science, Georgia Institute of Technology, Atlanta, GA 30332; (404) 894-3187 or 3152.

EUROMICRO Second Symposium on Micro Architecture: October 12-14, 1976, Venice, Italy. Papers covering new concepts or recent developments in microprogramming and microprocessor systems are requested. Submit four double-spaced copies of the manuscript (20-page maximum) and 200-word abstract, including the author's name, complete mailing address, and telephone number, by March 15, 1976, final paper by June 28, 1976, to Jan Wilmink, Program Chairman Euromicro Symposium, Twente Univ. of Technology, P. O. Box 217, Enschede 7801, Netherlands.

HELP Workshop on Model Curricula Implementation: June 20-23, 1976, Bloomington, Illinois. Short papers are solicited for this workshop for college teachers of computer science and engineering to discuss implementation of the Computer Society Model Curriculum Subcommittee's materials. Send two copies of a 3-10 page summary by April 1, 1976, to Dr. David Rine, West Virginia University, Morgantown, WV 26506; (304) 293-3196.

1976 International Optical Computing Conference: August 31-September 2, 1976, Capri, Italy. (Formerly scheduled for April 27-29, 1976.) Suggested topics are optical computing systems realizations; optical pattern, character, and object recognition (including robots); quasi-optical computing systems; and real-time and near-real-time light modulations. Submit 250- to 300-word abstract or summary by April 1, 1976, and 2500- to 3000-word camera-ready digest by July 1, 1976, to Sam Horvitz, Naval Underwater Systems Center, New London, CT 06320.

Third International Joint Conference on Pattern Recognition: November 8-11, 1976, Coronado, California. The deadline for submitting papers on theory, preprocessing techniques, applications, implementations, and methodology has been extended to April 1, 1976. Send four copies of a full-length draft to Program Chairman Allen Klinger, 3531-C Boelter Hall, UCLA, Los Angeles, CA 90024.

COMPCon 76 Fall: September 8-10, 1976, Washington, D. C. On the theme "Computers...by the millions, for the millions," the Computer Society's 13th international conference will provide a comprehensive program covering components, hardware, software, system design, and applications. Submit 1000-word digests by April 1, 1976, and 200-300 word "Short Note" summaries by August 1, 1976. Send to Paul L. Hazan, Program Chairman, The Johns Hopkins University, Applied Physics Laboratory, Johns Hopkins Rd., Laurel, MD 20810; (301) 953-7100, X449.

Tenth Annual Simulation Symposium: March 17-19, 1977, Tampa, Florida. The following material will be required no later than April 9, 1976: working title; abstract of no less than 750 words; full name, title, position, affiliation, mailing address, and telephone number of each author; and statement that author will personally present the paper. Send to William G. Key, NCR, P. O. Box 728, Cambridge, OH 43725; (614) 439-0237. Final papers will be required by November 25, 1976.

DISE Workshop on Microprocessors and Education: August 16-18, 1976, Fort Collins, Colorado. Submit three copies of complete paper by April 15, 1976, to Dr. Yaohan Chu, Program Chairman, Dept. of Computer Science, University of Maryland, College Park, MD 20742.

International Conference on Very Large Data Bases: September 8-10, 1976, Brussels, Belgium. Send five copies of each full paper by April 15, 1976. American, Asian, and Australian authors send to Prof. Stephen Y. H. Su, Symposium, Chairman, Dept. of Electrical Engineering, Utah State University, Logan, UT 84322; (801) 752-4100, X7806.

International Symposium on Multiple-Valued Logic: May 25-28, 1976, Utah State University, Logan, Utah. For an oral presentation of recent results which are not yet fully developed, submit a title and abstract by April 15, 1976, to Prof. Stephen Y. H. Su, Symposium, Chairman, Dept. of Electrical Engineering, Utah State University, Logan, UT 84322; (801) 752-4100, X7806.

Fifth Texas Conference on Computing Systems: October 18-19, 1976, Austin, Texas. Suggested topics are data base systems, operating systems, computer system architecture, programming languages and techniques, and remote computing. Submit a one-page abstract by April 15, 1976, and four copies of the paper by June 1, 1976, to Prof. James L. Peterson, Dept. of Computer Sciences, University of Texas, Austin, TX 78712.

International Conference on Electronics-Micromechanics Interactions: October 19-21, 1976, Lausanne, Switzerland. Submit a 300-500 word summary before April 15, 1976, to Secretariat des Journees d'electronique, Departement d'electricite-EPFL, Chemin de Berrievre 16, CH-1007 Lausanne, Switzerland.


IEEE Transactions on Software Engineering, Special Issue on Data Structures and Pattern Recognition: Late 1976. Additional papers are requested for this special issue based on results of the Workshop on Data Structures and Pattern Recognition, held February 11-13, 1976, in Albuquerque, New Mexico. Suggested topics include speech recognition, biomedical applications, data base management, image processing and scene analysis, interactive systems, and computer query languages and systems. All papers will go through the normal refereeing process. Submit three copies of a full-length manuscript by May 15, 1976, to the guest editor, Prof. Allen Klinger, 3531-C Boettler Hall, University of California, Los Angeles, CA 90024.

Computer Networks: Trends and Applications: November 17, 1976, Gaithersburg, Maryland. Tutorial papers describing practical results with computer networks and networking systems, or presenting new research results, are desired. Submit three copies of 1000-word abstract by June 15, 1976, camera-ready copy for proceedings by September 15, 1976, to Dr. Patrick McGregor, Network Analysis Corp., 9105 Westerholm Way, Vienna, VA 22180.

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Classified Ads

Rates

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Exceptions — (a) IEEE Computer Society member ads for positions wanted: $10.00 up to 10 lines; $1.00 per line thereafter. Situations wanted ads for unemployed Society members are run free. Include IEEE member number in either case.

EMPLOYMENT OPPORTUNITIES

Utah State University is seeking a faculty member with some demonstrated expertise in teaching and research in relation to one or more of the following areas: digital design automation, advanced computer architecture, fault-tolerant system design, and software engineering. The Electrical Engineering Department is committed to strengthening its digital engineering program, both educational and research, and offers an excellent opportunity for one interested in teaching both undergraduate and graduate classes as well as doing research in the digital areas specified above. Position is open to any rank depending on qualifications. Submit resumes with references to: Prof. K. D. Baker, Electrical Engineering Department, UMC 41, Utah State University, Logan, Utah 84322. Utah State University is an Equal Opportunity Employer.

Pattern Analysis and Recognition Corporation, a small research-oriented company located in upstate New York, has current openings for persons experienced in the following areas: Image Processing, Radar or Communications Signal Processing, Pattern Recognition, Digital Cartography, Information Storage and Retrieval, Systems Designers (large data bases, natural language processing, or interactive graphics), Software Reliability.

Ph.D.'s are preferred but extensive experience will be considered in lieu thereof. U.S. citizenship required. PAR is an equal opportunity employer. Send resume to Mr. Simon A. Di Maggio, PAR Corporation, Fort Stanwix Mall, Rome, N.Y. 13440.

Computer Engineering Faculty Position at Northwestern University. The Department of Electrical Engineering seeks an opening at the Assistant Professor (tenure-track) level for a person interested in teaching and research in computer hardware or digital electronics with emphasis in microprocessors applications. A doctoral degree is desirable. Write to Dr. S. I. Hakimi, Department of Electrical Engineering, Northwestern University, Evanston, Illinois 60201. Northwestern is an equal opportunity/affirmative action employer.


POSITIONS WANTED

Position Wanted: Microprogrammer/systems programmer, 9 years exp., seeks work developing microprograms or languages and other tools for microprogramming. Available in USA in May. Send resume to Mr. Derek C. Kaufman, Sinnerbach 15, 5904 Eiserfeld, West Germany.