CALL FOR PAPERS

Call for papers for Computer

Computer is soliciting articles that cover all aspects of computer science, technology, and applications. Computer is aimed at a broad audience, whose interests are not limited to narrow specialties; articles are usually survey or tutorial in nature and cover the state of the art or important emerging developments. Submit six copies of the manuscript, including illustrations, references, and authors’ biographies, to the editor-in-chief:

- Michael C. Mulder
  Applied Research
  University of Portland
  Portland, OR 97203
  Phone (503) 283-7433

In addition, special issues of Computer are being organized. Submit six copies of relevant articles directly to the guest editor:

- Expert Systems: Submit by August 15, 1985, to K. S. Fu, Purdue University, School of Electrical Engineering, West Lafayette, IN 47907.
- Design and Implementation of Parallel Programming Languages: Submit by October 15, 1985, to David Gelernter, Yale University, Dept. of Computer Science, PO Box 2158 Yale Station, New Haven, CT 06520.
- Technical articles on any subject of current interest to Computer Society members are considered for publication; submit to Michael Mulder.

An authors’ information sheet can be obtained from Michael Mulder at the above address or from the IEEE Computer Society West Coast Office, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720; (714) 821-8380.

Future Computing Systems: Research and survey papers are sought in all areas of computing (including device technology, machine architecture, software engineering, human-computer interface, artificial intelligence, and robotics) and on the socio-economic impact of computer technology. Persons interested in submitting material are asked to contact M. L. G. Shaw, Dept. of Computer Science, York University, North York, Ontario M3J 1P3, Canada.

International Conference on Advances in Image Processing and Pattern Recognition: December 10-12, 1985, Pisa, Italy. Send extended summaries (two to three pages) by June 15, 1985, to IBM Scientific Center, Via S. Maria, 67, 56100 Pisa, Italy. Number of participants is limited to 150.

1985 Workshop on Computer Architecture for Pattern Analysis and Image Database Management: November 18-20, 1985, Miami Beach, Florida. Papers suitable for 10- to 15 minute presentations and for 25- to 30 minute presentations are sought. Submit abstracts (500 to 1000 words) by June 15, 1985, to Steven L. Tanimoto, Dept. of Computer Science, FR-35, University of Washington, Seattle, WA 98195, or Leonard Uhr, Dept. of Computer Science, University of Wisconsin, 1210 W. Dayton St., Madison, WI 53706.

Soffir II, A Second Conference on Software Development Tools, Techniques, and Alternatives (ACM): December 2-4, 1985, San Francisco, California. Authors may submit mini-tutorials, tool papers, or technical papers. Send them by June 15, 1985, to Soffir II, IEEE Computer Society, PO Box 639, Silver Spring, MD 20901; (301) 589-8142.


First International Workshop on VLSI Design: December 26-28, 1985, Madras, India. Send abstracts (400 words maximum) by July 1, 1985 (and inquiries about participation), to H. N. Mahabala, Dept. of Computer Science and Engineering, Indian Institute of Technology, Madras 600036, India, or Vishwani Agrawal, AT&T Bell Laboratories, Murray Hill, NJ 07974; (201) 582-4349.

1986 SCS Multiconference: Modeling and Simulation on Microcomputers, Conference on Continuous System Simulation Languages, Intelligent Simulation Environments, and Aerospace Simulation: January 23-25, 1986, San Diego, California. Papers are sought on the four conference topics listed above. Submit detailed abstracts (300 words maximum) by July 1, 1985, to Society for Computer Simulation, PO Box 17900, San Diego, CA 92117-7900. Persons wishing to submit proposals for special sessions are asked to send them to the society by the same date.

Second International Conference on Data Engineering: February 3-6, 1986, Los Angeles, California. Submit four copies of papers suitable for 20-minute presentations and of proposals for sessions by July 1, 1985, to Second International Conference on Data Engineering, 1109 Spring St., Suite 300, Silver Spring, MD 20910.


Compcon Spring 86: March 3-6, 1986, San Francisco, California. Participation in the form of a technical presentation or the organization of a session on state-of-the-art topics for computer professionals is sought. Persons wishing to make presentations are asked to send four copies of a 500-word abstract by July 15, 1985, to Alan G. Bell, Xerox

Calls are listed according to submittal deadlines. Conferences that the Computer Society participates in or sponsors are indicated by the IEEE Computer Society logo; others of interest to our readers are also included. For inclusion in “Call for Papers,” submit information six weeks before the month of publication (e.g., for the September 1985 issue, send information for receipt by July 15, 1985) to COMPUTER, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

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Palo Alto Research Center, 3333 Coyote Hill Rd., Palo Alto, CA 94304; (415) 494-4326. Persons wishing to organize sessions are asked to contact Bell by the same date and to include with their ideas a list of possible speakers.

Fifth Annual Phoenix Conference on Computers and Communications: February 26-28, 1986, Phoenix, Arizona. Papers 3000 to 5000 words long and 1000 to 1500 words long are sought. Proposals for panel discussions, workshops, and special sessions are also solicited. Authors seeking consideration in either category should submit five copies of an abstract (the abstract should contain 300 words maximum) by July 15, 1985, to William E. Lewis, Computer Science Dept., Arizona State University, Tempe, AZ 85287. Five copies of program proposals should be sent to Lewis by the same date.


23rd Annual Allerton Conference on Communication, Control, and Computing: October 2-4, 1985, Monticello, Illinois. Papers suitable for 20- and 10-minute presentations are sought. Submit 1000-word summaries of 20-minute papers and 500-word summaries of 10-minute papers by July 26, 1985, to Bruce Hajek, Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, 1101 W. Springfield Ave., Urbana, IL 61801.

IEEE Transactions on Computers: Papers are invited for a special issue that will be devoted to fault-tolerant computing. Submit five copies of papers by July 31, 1985, to either Sheldon B. Akers, G. E. CSP 4-5, Syracuse, NY 13221; (315) 456-7662; or Dhraij K. Pradhan, University of Massachusetts, Amherst, MA 01003; (413) 545-0160.

IEEE Infocom 86, Fifth Annual Joint Conference of the IEEE Computer and Communications Societies: April 6-10, 1986, Miami, Florida. Submit four copies of papers by August 15, 1985, to Bezalel Gavish, PO Box 639, Silver Spring, MD 20901; (716) 275-5865.

International Zurich Seminar on Digital Communications: New Directions in Switching and Networks: March 11-13, 1986, Zurich, Switzerland. Submit five copies of a draft paper (10 to 15 pages) by August 30, 1985, to R. Hartmann, Zeitweger-Uster AG, 8634 Hombrechtikon/Switzerland; phone +41-55 41 611.

IEEE Transactions on Software Engineering: Papers are sought for two special issues. The first, which will be about achieving safe and reliable software for real-time process control, is tentatively scheduled for publication in spring 1986. Suggested topics include, but are not limited to, software specifications for real-time, safety-critical systems; software design for safety and reliability; software verification and validation; software safety and reliability assessment; and software fault tolerance for safety and reliability. Send six copies of a complete paper by August 31, 1985, to Nancy G. Leveson, Information and Computer Science Dept., University of California, Irvine, CA 92717; (714) 856-5517. The second special issue will focus on software maintenance. Suggested topics include models of software evolution; software specification, development, or design practices that enhance the maintainability of software; software maintenance methodology; integration of hardware and software maintenance approaches; maintenance practices for both software maintenance management; documentation standards; software maintenance metrics; software change control; software maintainability models; and software maintenance error analysis. Send six copies of papers by September 1, 1985, to Norman Schneidewind, Code 54 SS, Naval Postgraduate School, Monterey, CA 93943; (408) 646-2719 or -3211; ARPACKET NSCHNEIDEWIND@15IA; COMPMAILN.SCHNEIDEWIND.


1985 International Display Research Conference (IEEE, SID, et al.): October 15-17, 1985, San Diego, California. Submit 100-word abstracts and one-to-two-page draft summaries of papers on important new projects, suitable for 10-minute presentations, by September 9, 1985, to the Palsadies Institute for Research Services, Inc., IDRC, 201 Varick St., New York, NY 10014; (212) 620-3388. Overseas authors are asked to contact the institute for additional submission requirements.

Sixth International Conference on Distributed Computing Systems: May 19-23, 1986, Cambridge, Massachusetts. Topics of interest include architectures, networks, operating systems, programming languages, distributed databases, communication protocols, fault tolerance, applications, and performance evaluation. Submit five copies of papers that include a 150-word abstract by September 15, 1985, to William C. McDonald, System Development Corp., 4810 Bradford Blvd., Huntsville, AL 35805; (205) 837-7610.