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:

- 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.

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 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.


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 Dhiraj 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. The conference theme is “Computers and Communications Integration: Design, Analysis and Management.” Submit four copies of papers by August 15, 1985, to Bezelal Gavish, PO Box 8359, Silver Spring, MD 20901; (716) 257-5865.

International Zurich Seminar on Digital Communications: New Directions in Switching and Networks (IEEE): March 11-13, 1986, Zurich, Switzerland. Submit five copies of a draft paper (10 to 15 pages) by August 30, 1985, to R. Hartmann, Zellweger-Uster AG, 8634 Homprehichen, Switzerland; phone +41-55 41 61 11.


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 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 evolutionary processes; software specification, development, or design practices that enhance the maintainability of software; software maintenance methodology; integration of hardware and software maintenance ap-

Calls are listed according to submission 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 October 1985 issue, send information for receipt by August 15, 1985) to COMPUTER, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.
proaches; maintenance practices; 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; ARPA.  

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AAAI Workshop on Foundations of AI: February 6-8, 1986, Las Cruces, New Mexico. Submit three copies of a paper (2000 words maximum) by September 1, 1985, to Derek Partridge, Computing Research Laboratory, Box 3CRL, New Mexico State University, Las Cruces, NM 88003.


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 Palisades 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.

Performance 86 and ACM Sigmetrics 86, Joint Conference on Computer Performance Modeling, Measurement, and Evaluation (ACM, IFIP): May 28-30, 1986 (tutorials will be offered May 27). Raleigh, North Carolina. Papers (20 pages maximum) are solicited on both practical and theoretical aspects of computer systems performance. Submit six copies by September 23, 1985, to William J. Stewart, IRISA, Campus Universitaire de Beaulieu, Ave. du General Leclerc, 35042 Rennes CEDEX, France; phone 33 (99) 36-20-00, or Kishor S. Trivedi, Dept. of Computer Science, Duke University, Durham, NC 27706; (919) 684-3048.


16th International Symposium on Fault-Tolerant Computing: July 1-3, 1986, Vienna, Austria. Submit six copies of papers (150 words maximum) that include five keywords by October 25, 1985, to FTCS 16, Intersociety Conference, PO Box 80, A-1107 Vienna, Austria; phone (43) (222) 52-02-93.