Call for papers for Computer

Computer magazine seeks articles that cover the state of the art and important new developments in computer science, technology, and applications. Aimed at a broad audience with diverse interests and experience, Computer usually publishes surveys and tutorials that facilitate the transfer of technology from university to industry, from research to applications, and across specialized fields. Submit six copies of the manuscript, including illustrations, references, and authors' biographies, to:

- Bruce Shriver
  IBM T.J. Watson Research Center
  PO Box 704 (H0-804A)
  Yorktown Heights, NY 10598
  (914) 789-7626
  Compmail: b.shriver@ibm.com
  Vnet: shriver@yktvmh

Computer also seeks articles on topics relevant to upcoming special issues. Submit six copies of the manuscript directly to the guest editor:

- Systolic Arrays: From Concept to Implementation: Submit by February 1, 1987, to Benjamin Wah, University of Illinois at Urbana-Champaign, Coordinated Science Laboratory, 1101 W. Springfield Ave., Urbana, IL 61801; (217) 333-3516. The issue is scheduled for publication in July 1987.
- CAD-Based Robot Vision: Submit by February 1, 1987, to Bir Bhanu, MS MNE5-2300, Honeywell Systems and Research Center, 3600 Technology Dr., Minneapolis, MN 55418; Arpanet, bhanu@hi-multics; phone, (612) 782-7676. The issue is scheduled for August 1987.
- Integrated Design and Programming Environments: A joint issue with IEEE Software is in the planning stages. Check next month for details on March 1, 1987, submission to the guest editors, Peter Henderson and David Notkin.
- Standards: Material is also sought for the "Standards" department. For details regarding scope and length, contact the department editor: Helen M. Wood, National Bureau of Standards, B154 Technology, Gaithersburg, MD 20899; (301) 973-3240.

Lastly, Computer seeks special-issue proposals and articles in the following topic areas:
- optical computing,
- electronic publishing and technology,
- the European computer industry,
- fabrication and packaging technologies,
- noncoded information,
- computer-integrated manufacturing,
- technology transfer process,
- computers in consumer electronics, automobiles, etc.,
- design and implementation of large-scale systems, and
- engineering and scientific workstations.

Prospective guest editors and authors should submit proposals and articles directly to Bruce Shriver.


ASPLOS-II, Second International Conference on Architectural Support for Programming Languages and Operating Systems: October 5-8, 1987, Palo Alto, California. Submit five copies of full-length papers (approximately 5000 words) or short papers (approximately 1000 words) by February 1, 1987, to Randy H. Katz, Computer Sciences Division, UC Berkeley, Evans Hall, Berkeley, CA 94720.

COMPSE 87: October 5-9, 1987, Tokyo. Papers and proposals for panel discussions are sought. Submit five copies of the full-length paper (1000 to 5000 words; include a 150-word abstract). Submit five copies of proposals for panel discussions (include names of proposed panelists and a 150-word scope statement). Materials in both categories must be received by February 1, 1987. Send them to Toshiyasu L. Kunii, c/o Business Center for Academic Societies Japan, Yamazaki Bldg. 4F, 2-40-14, Hongo, Bunkyo-ku, Tokyo 113, Japan; phone 81 (3) 817-5831 (authors in Asia, Australia, and New Zealand) or Albert F. Haukes, Sargent & Lundy, Engineering Consultants, 55 E. Monroe, Chicago, IL 60603; (312) 269-3640 (authors in other areas).

IEEE Transactions on Computers: Papers are sought for a special issue on supercomputing. Submit six copies of papers by February 1, 1987, to H.C. Torng, School of Electrical Engineering, Cornell University, Ithaca, NY 14853-5401; (607) 255-5191. (Guidelines for submitting manuscripts appear on the back cover of every issue of IEEE Transactions on Computers.)


Submit four copies of the complete paper (including abstract) by February 1, 1987, to H. Rudin and C.H. West, IBM Zurich Research Lab, 8803 Ruschlikon, Switzerland; phone 41 (1) 72-48-433.

AAAI-87, Sixth National Conference on Artificial Intelligence: July 13-17, 1987, Seattle. Submit six copies of the paper (4000 words maximum) by February 10, 1987, to AAAI-87, American Association for Artificial Intelligence, 445 Burgess Dr., Menlo Park, CA 94025-3496.


International Conference on Supercomputing (IFIP, SIAM): June 8-12, 1987, Athens. Submit five copies of the paper by March 15, 1987, to Elias Houstis, Dept. of Computer Science, Purdue University, West Lafayette, IN 47907 (authors in the Americas) or T. Papatheodorou, Computer Technology Institute, PO Box 1122, 26110 Patras, Greece (authors in other areas).


ICCAD-87, IEEE International Conference on Computer-Alized Design: November 9-12, 1987, Santa Clara, California. Submit 12 copies of both a one-paragraph abstract and a more detailed description not to exceed 1500 words or six pages by May 1, 1987, to ICCAD-87 Secretary, Mentor Graphics Corp., 1940 Zunker Rd., San Jose, CA 95112; (408) 436-1500.

January 1987


February 1987

Third International Conference on Data Engineering, February 2-6, Los Angeles. Contact Gino Wiederhold, Dept. of Computer Science, Stanford University, Stanford, CA 94305; (415) 497-0685 or Benjamin Wah, Coordinated Science Lab, University of Illinois, Urbana, IL 61801; (217) 333-5216.

CSC-87, 1987 ACM Computer Science Conference, February 17-19, St. Louis. Contact Arlan DeKock, University of Missouri-Rolla, Computer Science Dept., Rolla, MO 65401; (314) 341-4491.

18th Annual SIGCSE Technical Symposium (ACM), February 19-20, St. Louis. Contact Dan C. St. Clair, UMR Graduate Engineering Center, University of Missouri-Rolla, 8001 Natural Bridge Rd., St. Louis, MO 63121-4499; (314) 553-5440.


Workshop on Distributed Information Systems: Networks and Applications (IEEE, February 23, Washington, DC. Contact IEEE Workshop, 12498 Fan Leaf Court, Fairfax, VA 22033; or D. McDysan, (703) 734-2263; or B. Jabbari, (301) 428-5660.


March 1987

20th Annual Simulation Symposium (ACM, IMACS, SCS), March 11-13, Tampa, Florida. Contact James Gantt, 5986 Dana Dr., Norcross, GA 30093; (404) 894-3107.

19th Southeastern Symposium on Systems Theory, March 15-17, Clemson, South Carolina. Contact Ernest Baxa, Jr., Electrical and Computer Engineering Dept., Rigs Hall, Clemson University, Clemson, SC 29634-0915; (803) 656-5900.

Tutorial Week Orlando 87, March 16-20, Kissimmee, Florida. Contact Ratan Kumar Guha, Computer Science Dept., University of Central Florida, Orlando, FL 32816; (305) 275-2341.


Southeast (IEEE), March 24-26, Atlanta. Contact Electronic Conventions Management, 8110 Airport Blvd., Los Angeles, CA 90045; (213) 772-2965.

IEEE Infocom 87, Sixth Annual Joint Conference of the IEEE Computer and Communications Societies: Global Net-