CALL FOR PAPERS

Calls are listed according to submittal 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 October 1982 issue, send information for receipt by August 15, 1982—to COMPUTER, 10652 Los Vaqueros Circle, Los Alamitos, CA 90720.

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Computer is looking for 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 senior editor:

- Dr. Stephen S. Yau
  Dept. of EE and Computer Science
  Northwestern University
  Evanston, IL 60201
  Telephone: (312) 492-3641

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

- Communications Satellite Software: Submit by August 31, 1982, to Dr. Kamal N. Karna and Emilio W. Dusio, RCA Astro-Electronics, PO Box 800, Princeton, NJ 08540; (609) 426-2359 or 2212.

- Applications for Array Processors: Submit by October 15, 1982, to Douglas J. Theis, The Aerospace Corporation, PO Box 92657, Los Angeles, CA 90009; (213) 648-5000.

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

IEEE Infocom 83: April 18-21, 1983, San Diego, California. Tutorials: April 18; Conference and Exhibits: April 19-21. Submit four copies of a full paper by August 15, 1982, to Dr. John Spragins, Program Chairman, IEEE Infocom 83, PO Box 638, Silver Spring, MD 20901; (301) 656-3190.


Compcon Spring 83: Intellectual Leverage for the Information Society: February 28-March 3, 1983, San Francisco, California. Papers are solicited on the following topics: local area networks; baseband, broadband, voice/data PBX; personal computers and work stations; distributed computer systems; their connectivity and management; factory automation and CAD/CAM; interactive graphic systems; data base machines and issues; impact of artificial intelligence; VLSI; gate arrays, memories, microprocessors, custom functions; electronic office: systems and networks; semiconductor device design, fabrication, testing, and packaging; speech recognition, synthesis, and analysis; computer communications interface; software; operating systems and languages; social, legal, and regulatory issues in data processing; computerized information utilities; new and emerging computer applications; computer systems and network architecture; computer system peripherals; data flow structures; circuit and logic simulation. Send four copies of a 1000- to 1500-word informal digest by September 1, 1982, to John F. Wakerly, Computer Systems Laboratory, Stanford University, Stanford, CA 94305; (415) 864-0160.


National Computer Conference 83: May 16-19, Anaheim, California. Short papers (up to 2500 words), long papers (up to 5000 words), and proposals for technical or panel sessions are solicited. Proposals are due September 1, 1982; deadline for papers is October 10, 1982. Send submissions, proposals, and requests for author instructions to Allen N. Smith, NCC 83 Program Chairman, Atlantic Richfield, Corporate Systems, 515 South Flower St., Los Angeles, CA 90071.


International Symposium on VLSI Technology Systems and Applications: March 30-April 1, 1983, Taipei, Taiwan, Republic of China. Submit 12 copies of a detailed abstract for a 30-minute presentation by September 30, 1982, to Dr. Hwa-Nien Yu, IBM T. J. Watson Research Center, PO Box 218, Yorktown Hghts., NY 10598; (914) 945-1942.


Second Software Engineering Standards Applications Workshop: May 17-19, 1983, San Francisco, California. An invitation has been issued to participate in a limited attendance workshop discussing the impact and practical application of software engineering standards. Positions on the controversial issues associated with the application of software engineering standards are sought. Send five copies of a 600- to 750-word proposal by August 13, 1982, to J. Brown, Boeing, MS 9C-70, PO Box 24346, Seattle, WA 98124; (206) 875-5117.

August 1982


International Computer Color Graphics Conference: March 10-12, 1983, Tallahassee, Florida. Send two copies of a manuscript and an abstract by November 1, 1982, to Dr. Jack Taylor, ICGGC Program Committee, Center for Music Research, Florida State University, Tallahassee, FL 32306.

13th International Symposium on Multiple-Valued Logic: May 23-25, 1983, Kyoto, Japan. Send four copies of an original survey, tutorial, or research paper (20-page maximum) and a 50- to 100-word abstract by November 1, 1982, to (North and South American authors) K. Wayne Current, Dept. of Electrical Engineering, University of California, Davis, CA 95616; (European authors) Stanley L. Hurst, School of Electrical Engineering, University of Bath, Bath, England BA2 7AY; (and all others) Tatsuo Higuchi, Dept. of Electronic Engineering, Tohoku University, Sendai 980, Japan.

IEEE Transactions on Pattern Analysis and Machine Intelligence will publish a special issue on industrial applications of machine vision. Papers should describe work in applications, such as automatic visual inspection and robot control. Major topics of interest include illumination, optics and imaging, special-purpose hardware, modeling, and algorithms. Papers describing novel vision system applications currently applied to industrial tasks are especially welcome. Send four copies of paper by October 31, 1982, to John F. Jarvis, Room 4E610, Bell Laboratories, Holmdel, NJ 07733.


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