

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

- **Computer-Based Multimedia Communications:** Submit by **April 15, 1985**,

to Jose J. Garcia-Luna-Aceves, SRI International, 333 Ravenswood Ave., Menlo Park, CA 94025; (415) 326-6200.

- **Adaptable Software and Hardware for Mission-Critical Supersystems:** Submit by **May 1, 1985**, to Steven Kartashev or Svetlana Kartashev, Dynamic Computer Architecture, Inc., 933 Oleander Way South, St. Petersburg, FL 33707; (813) 345-6146.

- 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.

Ⓢ **First International Conference and Exhibition on Computer Workstations:** November 11-14, 1985, San Jose, California. Papers are solicited on workstation hardware, software, and systems employed in professional technical environments and in office systems beyond word processing. Submit four copies of a full-length paper (maximum length: 20 to 25 double-spaced pages) by **March 1, 1985**, to Robin Williams, IBM Research, K52-282, 5600 Cottle Rd., San Jose, CA 95193; (408) 256-3859.

Ⓢ **International Symposium on New Directions in Computing:** August 12-14, 1985, Trondheim, Norway. Submit three copies of papers suitable for 45- or 25-minute presentations by **March 1, 1985**, to Arnold C. Meltzer, Dept. of Electrical Engineering and Computer Science, George Washington University, Washington, DC 20052; (202) 676-6729.

Ⓢ **1985 International Test Conference:** November 19-21, 1985, Philadelphia, Pennsylvania. Papers on the conference theme, "The Future of Test," are sought. Submit 10 copies of either a full-length manuscript suitable for a 20-minute presentation or of a 35-word abstract and an outline (500 words maximum) by **March 1, 1985**, to A. B. M. Elliot, British Telecom, Research Lab, Martiesham Heath, Ipswich IP5 7RE, UK (Europe); Tsuneta Sudo, Atsugi Elec. Comm. Lab, NT&T, 1839 Ono, Atsugi, Kanagawa 243-01, Japan (Asia); Nripendra N. Biswas, Dept. of Elec. Comm. Engr., Indian Institute of Science, Bangalore 560 012, India (India). Authors from the US and elsewhere should submit their materials by **March 15, 1985**, to Rudy Garcia, PO Box 264, Mount Freedom, NJ 07970; (408) 998-0123.

Ⓢ **1985 Spring Workshop of the Computer Society Technical Committee on Packaging:** May 1-3, 1985, Palm Desert, California.

Twenty-five informal presentations (30 to 45 minutes each) that cover the physical design of electronic data processing and communications systems are sought. Submit proposals by **March 1, 1985**, to Ray Usell, Burroughs Corp., PO Box 28810, San Diego, CA 92128; (619) 451-4397.

Office Automation 85 (ACM): October 2-4, 1985, Erlangen, West Germany. Submit a full-length paper (5000 words maximum) with an abstract by **March 1, 1985**, to H. Wedekind, IMMD VI, Martensstr. 3, D-8520 Erlangen, West Germany.

Ⓢ **Fourth International Conference on Entity-Relationship Approach (Major Theme: The Use of Entity-Relationship Concept in Knowledge Representation):** October 28-30, 1985, Rosemont, Illinois. Send five copies of papers by **March 15, 1985**, to Jane W. S. Liu, 1304 W. Springfield Ave., Dept. of Computer Science, University of Illinois, Urbana, IL 61801.

Ⓢ **ICCD 85, International Conference on Computer Design: VLSI in Computers:** October 7-10, 1985, Port Chester, New York. Submit three copies of either a full-length paper or a 1000-word summary by **March 25, 1985**, to Kenneth R. Laker, Dept. of Electrical Engineering, School of Engineering and Applied Science, University of Pennsylvania, Philadelphia, PA 19104; (215) 898-8117.

International Association of Science and Technology for Development Conferences on Computer-Aided Design and Applications: June 4-6, 1985, Montreal, Canada, and June 18-20, 1985, Paris, France. Tutorials, survey papers, regular-length papers, and short communications are sought. Authors are asked to submit three copies of a 200-word abstract by **March 25, 1985**, and to indicate which conference they plan to attend. Submit abstracts to Y. E. Hassan, Dept. of Mechanical Engineering, University of Toronto, Toronto, Ontario M5S 1A4, Canada (for Montreal conference), or to The Secretary, International Association of Science and Technology for Development, CAD Paris, PO Box 354, CH-8053 Zurich, Switzerland (for Paris conference).

ACM Sigops 10th Symposium on Operating Systems Principles: December 1-4, 1985, Orcas Island, Eastsound, Washington. Submit 11 copies of a paper (5000 words maximum) by **March 31, 1985**, to David Cheriton, Computer Science Dept., Stanford University, Stanford, CA 94305.

Iecon 85, Eleventh Annual Industrial Electronics Society Conference (IEEE): November 19-21, 1985, San Francisco, California. Papers on industrial applications of minicomputers, microcomputers, and personal computers are sought. Authors from the North and South

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 May 1985 issue, send information for receipt by March 15, 1985) to COMPUTER, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

American continents should submit five copies of an extended summary of 600 to 1200 words and an abstract of no more than 50 words by **April 1, 1985**, to Richard C. Born, Rexnord, Inc., 5101 W. Beloit Rd., Milwaukee, WI 53214; (414) 643-2704; other authors should submit the same materials by the same date to Fumio Harashima, Institute of Industrial Science, University of Tokyo, Roppongi, Minato-ku, Tokyo 106, Japan; phone 03-402-6231.

Ⓢ **IEEE Design & Test of Computers:** Papers are sought for the December 1985 issue, which will be devoted to testing of electronic hardware as practiced on the manufacturing side of the design/manufacturing interface. Submit four copies by **April 1, 1985**, to Jack Arabian, Digital Equipment Corp., 100 Minuteman Rd., Andover, MA 08180-1098.

Second Annual ACM Northeast Regional Conference (Boscom): October 28-30, 1985, Boston, Massachusetts. Send two copies of an abstract (500 words maximum) by **April 1, 1985**, to Program Chairman, ACM Northeast Regional Conference, PO Box 499, Sharon, MA 02067.

Ⓢ **Workshop on High-Performance Transaction Systems (ACM):** September 23-25, 1985, Pacific Grove, California. Persons interested in attending are asked to submit a long paper (20 double-spaced pages maximum), an extended abstract of the long paper, or a position paper (five pages maximum) by **April**

2, 1985, to Bruce Lindsay, IBM Research, K55/281, 5600 Cottle Rd., San Jose, CA 95193; (408) 256-1306, or Andreas Reuter, FB Informatik, Universitaet Kaiserslautern, Postfach 3049, D6750 Kaiserslautern, West Germany; phone (0631) 205-2811.

Ⓢ **First International Conference on Supercomputing Systems:** December 16-20, 1985, Tarpon Springs, Florida. Submit four copies of a paper not exceeding 25 pages by **April 15, 1985**, to S. P. Kartashev, Dynamic Computer Architecture, Inc., 933 Oleander Way South, Suite Five, St. Petersburg, FL 33707.

Globecom 85, IEEE Global Telecommunications Conference: December 2-5, 1985, New Orleans, Louisiana. Papers for the conference, especially those that address the conference theme, "Communication Technology to Provide New Services," are sought. Authors outside North America should submit a complete manuscript (3000 words maximum) and an abstract by **April 22, 1985**, to N. Kuroyanagi, NT&T, Musashino Electrical Communication Laboratory, 3-9-11 Midori-Cho, Musashino-Shi, Tokyo 180, Japan; phone (0422) 59 2539; telex (0) 2822620 NTTECLJ (Asia-Pacific); F. Tosco, CSELT, Via Reiss Romoli 274, 10148 Torino, Italy; phone (30) 11 21691, ext. 321; telex 220539 CSELT (Europe, Africa, and Middle East); D. P. Dodd, Bell South Services, PO Box C360—fourth floor, Birmingham, AL 35283; (205) 321-3723; telex (0) 782546 (other regions). Authors in North America should

submit their materials by **May 6, 1985**, to Dodd.

Ⓢ **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 one-page abstracts by **May 1, 1985**, to Tzay Y. Young, Dept. of Electrical and Computer Engineering, University of Miami, PO Box 248294, Coral Gables, FL 33124; (305) 284-3291.

Ⓢ **Real-Time Systems Symposium:** December 3-5, 1985, San Diego, California. Submit four copies of a complete paper by **May 1, 1985**, to John Stankovic, Dept. of Electrical and Computer Engineering, University of Massachusetts, Amherst, MA 01003; (413) 545-0720.

Ⓢ **Symposium on Expert Systems in Government:** October 23-25, 1985, McLean, Virginia. Send four copies of a paper (20 pages maximum, including graphics) by **May 1, 1985**, to Kamal Karna, Mitre Corp., 1820 Dolley Madison Blvd., McLean, VA 22102; (703) 883-5866.

10th Conference on Local Computer Networks (IEEE): October 7-9, 1985, Minneapolis, Minnesota. Papers on the conference theme, "Local Computer Networks—10 Years of Technology," are sought. Send three copies of papers by **May 1, 1985**, to Dale N. Murray, TRW, Inc., Software and Information Systems, Requirements Anal. & Test Dept., 213 Wynn Dr., Huntsville, AL 35805; (205) 837-2400. Send proposals for preconference tutorials by **April 1, 1985**, to Dan E. Gahlon, Interactive Systems/3M, 225-4S-06 3M Center, St. Paul, MN 55144.

1985 International Display Research Conference (IEEE, SID, et al.): October 15-17, 1985, San Diego, California. Submit 35-word abstracts and two-to-five-page draft summaries of papers suitable for 20-minute presentations by **May 17, 1985**, to Palisades Institute for Research Services, Inc., IDRC, 201 Varick St., New York, NY 10014; (212) 620-3388. 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. Overseas authors are asked to contact the institute for additional submission requirements.

Ⓢ **First Pacific Computer Communication Symposium (ACM et al.):** October 22-24, 1985, Seoul, Republic of Korea. Submit three copies of the complete paper (8000 words maximum) by **June 1, 1985**, to K. H. Kim, University of South Florida, Tampa, FL 33620; (813) 974-4184.

Ⓢ **Second International Conference on Data Engineering:** February 4-6, 1986, Los Angeles, California. Submit four copies of the complete paper by **July 1, 1985**, to Second Data Engineering Conference, IEEE Computer Society, 1109 Spring St., Suite 300, Silver Spring, MD 20910; (301) 589-8142; TWX 7108250437 IEEECOMPSON.

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