CALL FOR PAPERS

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 August 1984 issue, send information for receipt by June 15, 1984) to COMPUTER, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

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:

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

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

- Requirements Engineering Environments: Submit by June 15, 1984. Authors located outside North and South America should send copies to Yutaka Ohno, Department of Information Science, Faculty of Engineering, Kyoto University, Kyoto 606 Japan; phone: (075) 751-2111. Authors in North and South America should send articles to William E. Kreuka, Rome Air Development Center/COEE, Griffiss Air Force Base, New York, NY 13441; phone: (315) 330-7834.
- Computer Hardware Description Languages: Submit by June 29, 1984, to Mario R. Barbacci, Department of Computer Science, Carnegie-Mellon University, Pittsburgh, PA 15213; (412) 578-2578.
- IEEE Infocom 85, Computers and Communications Integration: March 25-28, 1985, Washington, DC. Papers are being solicited on recent advances in computer and communication disciplines, including the areas of architecture, plant, protocols, net control, gateways, support, and environment. Submit notification of intent and an abstract by June 15, 1984, to Tom Stack, IEEE Infocom 85, PO Box 639, Silver Spring, MD 20901; (301) 589-8142.
- 26th International Symposium, Applications of Microcomputers: October 22-24, 1984, New York, New York. This conference, held in conjunction with the 27th International Symposium on Microcomputer Applications in Medicine and Bioengineering, is soliciting tutorials, surveys, regular papers, and short communications. Send three copies of a 200-word abstract by June 15, 1984, to C. Yapijakis, ISMM Symposium, School of Engineering, Pratt Institute, Brooklyn, New York 11205; (212) 636-3461.
- Third Annual Workshop on Interactive Computing: CAE Electrical Engineering Education (IEEE): October 24-26, 1984, Pittsburgh, Pennsylvania. Papers are solicited on CAE fundamental principles, interactive graphics, expert systems, and computing resources in educational institutions; computer-based instrumentation; VLSI systems and tools; courses and curricula; models for university-industry cooperation; and CAE workstations. Send four copies of a 300-word summary by June 15, 1984, to R. G. Hoelzeman, Electrical Engineering Dept., University of Pittsburgh, Pittsburgh, PA 15261.
- OAC 85, AFIPS Office Automation Conference: February 4-6, 1985, Atlanta, Georgia. This conference is sponsoring a paper competition to recognize significant office automation applications of notable business value. Submit five double-spaced copies of papers by June 15, 1984, to Sidney E. Harris, Decision Sciences Laboratory, Georgia State University, University Plaza, Atlanta, GA 30303; (404) 658-4000.
- IFSA International Symposium on Fuzzy Information Processing in Artificial Intelligence and Operational Research: September 4-6, 1984, Cambridge, England. Deadline for submitting 300-word abstracts is June 30, 1984. Send papers on theory, methodology and application of fuzzy set theory, reasoning, and logic to H.J. Efstathiou, Queen Mary College, Mile End Rd., London E1 4NS UK; phone 01-980-4811; telex 893750; Arpa EMAMDANI UCL-CS.

June 1984

Pecora IX Remote Sensing Symposium: October 2-4, 1984, Sioux Falls, South Dakota. Submit a full paper with title, author, address, and office and home telephone numbers by July 10, 1984, to Robert M. Haralick, Dept. of EE, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; (703) 961-6819.

1984 IEEE Workshop on Languages for Automation: November 1-3, 1984, New Orleans, Louisiana. Papers on all aspects of information processing languages for robotics, office automation, decision support systems, communication, computer system design, CAD/CAM, and information retrieval are solicited. A 200-word abstract and manuscripts up to 20 pages in length should be sent by July 15, 1984, to Shi-Kuo Chang, Dept. of Electrical and Computer Eng., Illinois Institute of Technology, IIT Center, Chicago, IL 60616.

International Computer Symposium (ICS 84): December 12-14, 1984, Taipei, Taiwan, Republic of China. Tutorials and papers on all aspects of information processing technology are solicited. A 200-word abstract and manuscripts up to 20 pages in length should be sent by July 15, 1984, to Shi-Kuo Chang, Department of Electrical and Computer Eng., Illinois Institute of Technology, IIT Center, Chicago, IL 60616.

Tasoft, Joint Conference on Theory and Practice of Software Development: March 25-29, 1985, Berlin, West Germany. Send five copies of draft papers on trees in algebra and programming by July 15, 1984, to H. Ehrig, TU Berlin, Sekr. FR 6-1, Frankfurter Str. 28/29, 1000 Berlin 10, West Germany. Papers on software engineering should be sent to Ch. Floyd, TU Berlin, Sekr. FR 5-6, Frankfurter Str. 28/29, 1000 Berlin 10, West Germany.


22nd Annual Allerton Conference on Communication, Control, and Computing: October 3-5, 1984, Monticello, Illinois. Submit 20-minute papers and 1000-word summary or 10-minute short papers and 500-word summary by July 27, 1984, to David C. Munson, Jr., Coordinating Science Laboratory, University of Illinois at Urbana-Champaign, 1101 W. Springfield Ave., Urbana, IL 61801.

IFAC/IFORS/IFIP/MP/IEEE International Workshop on Artificial Intelligence in Economics and Management: March 13-15, 1985, Zurich, Switzerland. Submit six copies of a two-page abstract in English (single-spaced) by August 1, 1984, to L. F. Pau, IFAC Workshop, Battelle Memorial Institute, 7, route de Drize, CH-1227 Carouge, Geneva, Switzerland; phone (41) (22) 439831; telex 423 472 bael ch.


ICASSP 85, International Conference on Acoustics, Speech, and Signal Processing: March 26-29, 1985, Miami Beach, Florida. Submit three copies of a summary and a form-description (obtained from Program Chair) by September 1, 1984, to Vijay Jain, Elec. Eng., University of South Florida, Tampa, FL 33620; (813) 974-2581.

Fifth International Conference on Distributed Computing Systems: May 13-17, 1985, Denver, Colorado. Four copies of 20-page, double-spaced papers in English with a 150-word abstract and a letter of intention should be submitted (monetary prizes will be awarded) by September 5, 1984, to Ming T. (Mike) Liu, Ohio State Univ., Comp. and Info. Sys., 2036 Nell Ave., Columbus, OH 43210; (614) 422-1837.

CHI 85, Human Factors in Computing Systems (ACM): April 14-18, 1985, San Francisco, California. Five copies of submitted papers with abstracts should be postmarked by September 28, 1984, and sent to Bill Curtis, MCC, Echelon Bldg. #1, 9430 Research Blvd., Austin, TX 78759; (512) 343-8060.

Seventh Symposium on Computer Arithmetic (University of Illinois): June 4-6, 1985, Urbana, Illinois. Submit four copies of a complete paper by October 1, 1984, to Kai Huang, School of Electrical Eng., Purdue University, West Lafayette, IN 47907; (317) 494-3441.

Compint 85, Computer-Aided Technical Conference: September 9-12, 1985, Montreal, Quebec, Canada. Papers are solicited on computer-aided design, manufacturing, industrial operations, decision making, and office systems; computer-assisted education; computer, graphics, and man-machine communications; and advanced software for industrial systems. Submit 6000-word papers, or 2000-word papers with a 200- to 500-word abstract, by October 1, 1984, to Stephen G. Leahey, Compint 85, PO Box 577, Desjardins Postal Station, Montreal, PQ H3B 1B7, Canada; (514) 870-2969.

1985 IEEE International Conference on Robotics and Automation: March 25-27, 1985, St. Louis, Missouri. Papers in all areas of robotics and flexible automation are solicited. Papers describing novel applications of robots will be welcome. Send four copies of papers by October 15, 1984, to T. Lozano-Perez, MIT A.L. Lab, 545 Technology Square, Cambridge, MA 02139.

International Conference on Foundations of Data Organization: May 22-24, 1985, Kyoto, Japan. Authors are invited to submit three copies of a full paper before October 15, 1984, to Katsumi Tanaka, College of Liberal Arts, Kobe University, Nada, Kobe 657, Japan.


FTCS-15, 15th International Symposium on Fault-Tolerant Computing: June 19-21, 1985, Ann Arbor, Michigan. Submit five copies of 1000- to 5000-word papers (double-spaced) or a 1000-word summary of a panel proposal by December 1, 1984, to David E. Morgan, Digital Equipment Corp., 40 Old Bolton Rd., MS: OGOI-1/J13; Stow, MA 01775; (617) 496-9385; telex OGOX.


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