Conferences in which the Computer Society is a sponsor or participant are indicated by the IEEE Computer Society logo; other conferences of interest to our readers are also included. For listing in the Calendar Section, submit information by the first of the month preceding the month of publication to Computer Magazine, 5855 Naples Plaza, Suite 301, Long Beach, CA 90803.

OCTOBER 1976

5th Texas Conference on Computing Systems, October 18-19, Austin, Texas. Contact Prof. James L. Peterson, Dept. of Computer Sciences, University of Texas, Austin, TX 78712.

AIIE On-Line Systems and Data Base Systems, October 18-22, San Francisco, California. Contact AIIE Seminars, Dept. PR, P.O. Box 25116, Los Angeles, CA 90025; (213) 826-7572.

IX National Data Processing Congress and II Latin American Seminar of Data Communication, October 18-22, Rio de Janeiro, Brazil. For information contact Raul Ibris, General Secretary-SUCESU, Rua do Resende, 37-69, Rio de Janeiro-RJ, Brazil.

International Conference on Electronics-Micromechanics Interactions, October 19-21, Lausanne, Switzerland. Contact Secretariat of "Journées d'électronique" EPFL, Belline 16, 1007 Lausanne, Switzerland.


Mini/Micro Computer Conference and Exposition, October 19-21, San Francisco, California. Contact Robert D. Rankin, Rankin exposition Management, 5544 E. La Palma Ave., Anaheim, CA 92807; (714) 528-2400.

SEMICON/Europa '76, October 19-21, Zurich, Switzerland. Contact Golden Gate Enterprises, Inc., 1333 Lawrence Expressway, Santa Clara, CA 95051; (408) 241-7400.


INFO/EXPO '76, October 24-27, Las Vegas, Nevada. For information on DPMA's 25th International Data Processing Conference and Business Exposition, contact DPMA International Headquarters, 505 Busse Hwy., Park Ridge, IL 60068; (312) 825-8124.


NAUCAL Conference 1976, October 28-30, Portland, Oregon. Contact Marcia Zuber, conference chairman, P.O. Box 200, Beaverton, OR 97005.

NOVEMBER 1976

AIIE Government-Industry Conference, November 1-3, Washington, D.C. Contact PR, AIIE Seminars, P.O. Box 25116, Los Angeles, CA 90025; (213) 826-7572.


Workshop on Distributed Fault-Tolerant Computers, November 3-5, San Juan, Puerto Rico. Contact John F. Meyer, Department of Electrical and Computer Engineering, University of Michigan, Ann Arbor, MI 48109.

Third Illinois Conference on Medical Information Systems, November 4-5, Chicago, Illinois. Contact Bruce H. McCormick, Department of Information Engineering, University of Illinois at Chicago Circle, Box 4348, Chicago, IL 60680; (312) 996-2315.

CEDPA Conference and Trade Show, November 4-5, Fresno, California. Contact Ellen Landers, 1976 CEDPA show manager, 17123 Chatsworth St., Granada Hills, CA 91344; (213) 370-2786.

Workshop on Operating and Database Management Systems, November 4-6, Evanston, Illinois. Contact Prof. David K. Hsiao, Dept. of Computer and Information Science, Ohio State University, Columbus, OH 43210.

Engineering in Medicine and Biology Conference, November 6-10, Boston, Massachusetts. Contact AEMB, Suite 1350, 5454 Wisconsin Ave., Chevy Chase, MD 20015.

Third International Joint Conference on Pattern Recognition, November 8-11, Coronado, California. Contact Prof. Aaiel Rosenfield, Computer Science Dept., University of Maryland, College Park, MD 20742.


International Purdue Workshop on Industrial Computer Systems, Fourth Annual International Meeting, November 8-11, Purdue University, West Lafayette, Indiana. Contact Dr. T.J. Williams, 102 Michael Golden, Purdue University, West Lafayette, IN 47907; (317) 494-8425.

Mini- and Microcomputers, November 8-11, Toronto, Canada. Contact Mini- and Microcomputers—Hamza, P.O. Box 3243, Station B, Calgary, Alberta, Canada T2M 4L8.


IEEE International Pulsed Power Conference, November 9-11, Hilton Inn, Lubbock, Texas. Contact Dr. T.R. Burkes, Dept. of Electrical Engineering, Texas Tech University, Lubbock, TX 79409; (806) 742-1251.

EDUCOM Fall 1976 Conference, November 10-12, Boston, Massachusetts. Contact EDUCOM, P.O. Box 364, Princeton, NJ 08540; (609) 921-7575.

Computer-Aided Diagnosis of Medical Images, November 11, Coronado, California. Features topics related to medical imaging from both the engineer's and the physician's viewpoint and is held in conjunction with the pattern recognition conference. Contact P.O. Box 639, Silver Spring, MD 20901; (301) 439-7007.

Workshop on Pattern Recognition Applied to Oil Identification, November 11-12, Coronado, California. Sponsored by the U.S. Coast Guard Research and Development Center, in cooperation with the University of Connecticut. Contact Dr. A.P. Bentz (USCG) at (203) 445-8501 or Prof. Y.T. Chien (UCONN) at (203) 486-4818.

CAD/CAM IV, November 15-18, Dallas, Texas. Contact CAD/CAM IV, Society of Manufacturing Engineers, 20501 Ford Road, P.O. Box 930, Dearborn, MI 48128.

CMG VII, November 16-19, Atlanta, Georgia. Contact the Computer Measurement Group, Inc., 4812 Sharon Road, Camp Springs, MD 20031.


Tenth Annual Asilomar Conference on Circuits, Systems, and Computers, November 22-24, Pacific Grove, California. Contact John W. Woods, public chairman, University of California, P.O. Box 808 Livermore, CA 94550; (415) 447-1100.

International Congress on Computing in Medicine, November 24-26, Berlin, Germany. For information on Medcomp 76, contact Online, Brunel University, Uxbridge, Middlesex, England.


ACM SIGMAP/NBS Bicentennial Conference on Mathematical Programming, November 29-December 1, Gaithersburg, Maryland. Contact Dr. Harvey J. Greenberg, general chairman, PPL & SU, 11440 Isaac Newton Square North, Reston, VA 22090; (703) 471-4609.

DECEMBER 1976

Winter Simulation Conference, December 6-8, National Bureau of Standards, Gaithersburg, Maryland. Contact Dr. Harold Joseph Highland, Data Processing Department, State University Technical College, Farmingdale, NY 11735; (516) 420-2190.


Computing and People '76, December 20-22, Leicester, England. Contact Judith Loakes, School of Mathematics, Computing and Statistics, Leicester Polytechnic, P.O. Box 143, Leicester LE1 9BH; 0533 50181, x2621.

JANUARY 1977

Hawaii International Conference on System Sciences, January 5-7, Honolulu, Hawaii. Contact R.L. Rahulathery, Electrical Engineering Dept., University of Hawaii, 2540 Dole St., Honolulu, HI 96822.

OCR Users Association Winter Conference, January 10-12, Orlando, Florida. Contact OCRUA, 10 Banta Place, Hackensack, NJ 07601; (201) 343-4935.

Fourth ACM SIGACT-SIGPLAN Symposium on Principles of Programming Languages, January 17-19, Los Angeles, California. Contact Prof. Gerald J. Popek, Department of Computer Science, UCLA, Los Angeles, CA 90024.

Decision Support Systems, January 24-26, San Jose, California. Contact Eric Carlson, conference chairman, IBM Research Division, K54282, 5600 Cottle Road, San Jose, CA 95193; (408) 256-6431.

Fifth Annual ACM Computer Science Conference and SIGCSE Symposium, January 31-February 3, Atlanta, Georgia. Contact Prof. Vladimir Sramecka or John Goda, School of Information and Computer Science, Georgia Institute of Technology, Atlanta, GA 30332.

FEBRUARY 1977


Microprocessors and Design Automation, February 24-25, San Francisco, California. Sponsored by the TC on Design Automation of the Computer Society. Contact Dr. W. M. vanCleave, Stanford University, Digital Systems Labs., Stanford, CA 94305.

COMPCON Spring 77, February 28-March 3, San Francisco, California. Contact COMPCON Spring 77, P.O. Box 639, Silver Spring, MD 20801.

MARCH 1977

Southeastern Symposium on System Theory, March 7-8, Charlotte, North Carolina. Contact Mike Allen, University of North Carolina, Engineering Analysis and Design Dept., Charlotte, NC 28223.

Tenth Annual Simulation Symposium, March 16-18, Tampa, Florida. For further information write Ira Kay, P.O. Box 22573, Tampa, FL 33622; (813) 839-5201.

Medical Data Processing Symposium, March 22-25, Toulouse, France. Contact IRIA Symposium Secretariat, External Relations Department, Domaine de Voluceau, Rocquencourt, B.P. 105, 78150 Le Chesnay, France.

Fourth Annual Computer Architecture Symposium, March 23-25, College Park, Maryland. Contact Dr. Bruce Wald, conference chairperson, at the Communications Science Div., Naval Research Lab, 4555 Overlook Ave., Washington, D.C. 20390.

Interface '77, March 28-30, Georgia World Congress Center, Atlanta, Georgia. Contact Sheldon G. Adelson or the Interface office, 160 Speen St., Framingham, MA 01701; (800) 225-4620.

APRIL 1977

Microcomputer—77, April 6-8, Lincoln Plaza Forum, Oklahoma City, Oklahoma. Contact Dr. S. C. Lee, School of Electrical Engineering, University of Oklahoma, Norman, OK 73091.


Information Display International Symposium, April 19-21, Boston, Massachusetts. Contact the Society for Information Display, 654 N. Seputveda Blvd., Los Angeles, CA 90049.


SCS Conference on Transportation, April 19-21, Ann Arbor, Michigan. Contact Dr. James Bernard, University of Michigan, Highway Safety and Research Institute, Huron Parkway and Baxter, Ann Arbor, MI 48105.

1977 IEEE Workshop on Picture Data Description and Management, April 21-22, University of Illinois, Chicago, Illinois. Contact Prof. S.K. Chang, University of Illinois, Department of Information Engineering, Box 4548, Chicago, IL 60680; (312) 996-3423.

Circuits and Systems International Symposium, April 25-27, Phoenix, Arizona. Contact W.G. Howard, Motorola Integrated Circuits Center, MS/MR, P.O. Box 20906, Phoenix, AZ 85306.

15th Annual AEDS Convention, April 25-29, Fort Worth, Texas. Contact Don Offtermann, P.O. Box 224, Austin, TX 78767.

MAY 1977


EUROCON 77, European Conference on Electrotechnics, May 3-6, Venice, Italy. Contact the EUROCON 77 Office, c/o AEI, Viale Monza 259, 20126 Milan, Italy.


NMA 26th Annual Conference and Exposition, May 17-20, Dallas, Texas. Address correspondence to Dynamics of Micrographics, National Micrographics Association, 8728 Coleville Road, Silver Spring, MD 20910.


JUNE 1977

Pattern Recognition and Image Processing, June 6-8, Rensselaer Polytechnic Institute, Troy, New York. Conference is sponsored by the Machine Intelligence and Pattern Analysis Committee of the Computer Society. Contact Prof. Herbert Freeman, general chairman, Dept. of Electrical Systems Engineering, Rensselaer Polytechnic Institute, Troy, NY 12181; (518) 270-6311.

International Conference on Communications, June 13-15, Chicago, Illinois. Contact E.J. Glenner, Systems Research, GTE Automatic Electric Labs., P.O. Box 17, Northvale, IL 60164.

NCC, June 13-16, Dallas, Texas. For information on the 1977 National Computer Conference, contact Dr. Portia Isaacs, University of Texas, P.O. Box 688, Richardson, TX 75080.

14th Design Automation Conference, June 20-22, New Orleans, Louisiana. Contact Design Automation Conference, P.O. Box 639, Silver Spring, Md. 20901.


JULY 1977


Institute of Management Science XXIII International Conference, July 25-27, Athens, Greece. Contact Prof. Z. S. Zannetos, MIT Sloan School, 50 Memorial Dr., Cambridge, MA 02139.

AUGUST 1977

IFIP Congress 77, August 8-12, Toronto, Canada. Contact IFIP Exhibition 77, Canadian Information Processing Society, 212 King St. West, Suite 501, Toronto, Ontario, Canada M5H 1K5.

Call for papers for Computer

The following special issues of Computer are being organized:

1977

January: Manufacturing Automation
February: Microcomputer Architecture
March: Hobby/Home Computers
April: Simulation
May: Stack Machines
June: Computer Hardware Description Languages
July: Distributed Processing
August: Microprocessor Applications
September: Image Processing
October: Military Computers
November: Computer Networking
December: System Programming Languages

To be considered for a special issue, papers should be submitted not later than 5 months prior to the date of the issue. Besides theme-related papers, we're also looking for papers that survey recent developments across the breadth of the field, describe particular developments, and explore application areas.

Submit all manuscripts (four complete copies including illustrations and references or bibliography) to our technical editor: Dr. Jack D. Grimes, Tektronix, Inc., MS 60-456, Beaverton, OR 97077.

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Editorial Schedule for...

IEEE TRANSACTIONS ON COMPUTERS

Editor: Dr. Richard Merwin, U.S. Army Safeguard System Office, 1300 Wilson Blvd., Arlington, VA 22209

November 1976

"On the Design of Modulo Arithmetic Units Based on Cyclic Groups," S. S. Yau and J. Chung
"A Floating-Point Multiplexed DDA System," G. Hannington and D. G. Whitehead
"Nonparametric Learning Without a Teacher Based on Mode Estimation," R. Mizoguchi and Shimura
"An Algorithm for Transformation of an Arbitrary Switching Function to a Completely Symmetric Function," D. T. Lee and S. J. Hong

For subscription information on TRANSACTIONS, use Reader Service Number 1018 on p. 75.