CALENDAR

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.

DECEMBER 1977

Computer Networks Symposium, December 15, Gaithersburg, Maryland. Contact Computer Networks, P.O. Box 639, Silver Spring, MD 20901; (301) 639-7007.


JANUARY 1978

Hawaii International Conference on Systems Sciences, January 5-6, Honolulu, Hawaii. Contact conference chairman, Dr. Ralph H. Sprague, Jr., College of Business Administration, University of Hawaii, 2404 Maile Way, Honolulu, HI 96822.


FEBRUARY 1978

Trans-national Data Regulation Conference, February 1-6, Brussels, Belgium. Contact Online, Cleveland Road, Uxbridge UB8 2DD, England.

Fourth Joint College Curricula Workshop in Computer Science and Engineering, February 2-3, Orlando, Florida. Contact Professor David Rine, Information Science, Western Illinois University, Macomb, IL 61455; (309) 286-1968.

CLEOS '78, the Second Conference on Laser and Electro-Optical Systems, February 7-9, San Diego, California. Contact publicity chairman, Milton Chang, Newport Research Corporation, 18235 Mt. Baldy Circle, Fountain Valley, CA 92708.


MARCH 1978


DataComm 78 Conference and Exposition, February 21-23, Washington, D.C. Contact the Conference Manager, DataComm 78, 60 Austin Street, Newton, MA 02160.


COMPCON 78 Spring, February 28-March 2, San Francisco, California. Contact COMPCON 78 Spring, P.O. Box 639, Silver Spring, MD 20901; (301) 639-7007.

MARCH 1978


Interface 78, March 6-9, Las Vegas, Nevada. Contact Robert A. Lively, Interface 78, 160 Spen St., Framingham, MA 01701.

1978 International Zurich Seminar on Digital Communications, March 7-9, Zurich, Switzerland. Contact Secretariat 1978 International Zurich Seminar, c/o HASLER AG, Dept. 80a, Belstrasse 23, CH-3000 Bern 14, Switzerland.

APRIL 1978

BIOSIGMA 78, April, Paris, France. Contact Secretariat General de BIOSIGMA 78, 11 rue Hamelin, 75783, Paris Cedex 16, France.


Fifth Annual Symposium on Computer Architecture, April 3-5, Palo Alto, California. Contact M. Danielle Beaudry, publicity chairwoman, Digital Systems Laboratory, Stanford University, Stanford, CA 94305.

Continued on p. 150
International Symposium on Operating Systems: October 2-5, 1978, Paris, France. Submission of papers should include five copies of no more than 20 double-spaced typed pages, together with two cover sheets; one with title and a short abstract, the other with title, author, and institution. Papers should be submitted by February 24, 1978 to Dr. Lanciaux, IRIA, BP 105, 75150 Le Chesnay, France. (Languages French and English.)

Fourth IEEE Symposium on Computer Arithmetic: October 25-27, 1978, Santa Monica, California. Submit one copy of the abstract by March 1, 1978 and four copies of the manuscript (5000 words maximum) by May 1, 1978 to Professor A. Avizienis, Computer Science Department, 3731 Boelter Hall, University of California, Los Angeles, California 90024.


Twenty-Eighth Electronic Components Conference, April 24-26, Anaheim, California. Contact J. A. Bruorton, Marketing Administration Department, Union Carbide Corporation, P.O. Box 5928, Greenville, SC 29606; (803) 963-6348.

IEEE International Conference on Acoustics, Speech, and Signal Processing, April 10-12, Tucson, Arizona. Contact Professor R. Yarlagadda, School of Electrical Engineering, Oklahoma State University, Stillwater, OK 74074; (405) 624-5162.

Impact of Microprocessors on Health Care Delivery, April 10-12, College Station, Texas. Contact Dr. William M. Lively, Industrial Engineering Department, Texas A&M University, College Station, TX 77843.


1978 Workshop on Pattern Recognition and Artificial Intelligence, April 12-14, Princeton, New Jersey. Contact Professor Y. T. Chien, Department of Computer Science, University of Connecticut, Storrs, CT 06268.

Fourth Annual Asilomar Workshop on Microprocessors, April 12-14, Pacific Grove, California. Contact Ted Lahlots, ASI Inc., 840 Del Rey Ave., Sunnyvale, CA 94086; (408) 739-6700.


Texas A M University Second Annual Microcomputer Exposition, April 21-23, College Station, Texas. Contact A & M Microcomputer Club, Box M9, Aggieland, TX 77844; (713) 822-7118.

Fourth International Joint Conference on Pattern Recognition: November 7-10, 1978, Kyoto, Japan. Research papers on all aspects of pattern recognition are invited, including the following topics: statistical methods, clustering, image enhancement and restorations, line drawings, reconstruction problems, pattern perception, character recognition, speech recognition, robot vision, digital techniques, and special hardwares. Submit four copies of either a long paper (about 6000 words) or a short paper (about 3000 words) with a summary by March 1, 1978, to program chairman, Professor Makoto Nagao, Department of Electrical Engineering, Kyoto University, Sakyo, Kyoto, 606 Japan. Camera ready copy of accepted papers is due August 1, 1978.


PERCOMP 78, April 28-30, Long Beach, California. Contact James H. Lindweld, PERCOMP 78, 1933 E. 17th St., Suite 108, Santa Ana, CA 92701.

Cable 78, April 30-May 3, New Orleans. Contact Robert A. Luff, National Cable Television Association, 918 16th St., N.W., Washington, D.C. 20006.

MAY 1978

NEWCOM '78, May 2-4, Las Vegas, Nevada. Contact Electronic Industry Show Corp., 222 South Riverside Plaza, Chicago, IL 60606; (312) 648-1140.


Eurocomp 78, May 9-12, London, England. Contact Eurocomp 78, Online, Cleveland Road, Uxbridge UB8 2DD, England.

JUNE 1978

Simulation, Modeling, and Decision in Energy Systems, June 1-2, Montreal, Canada. Contact A. B. Carver, Atomic Energy of Canada, Chalk River, Ontario, Canada KOJ 1JO.

IsraTech '78, June 4-8, Jerusalem, Israel. Contact IsraTech '78, Government of Israel, 641 Lexington Ave., New York, NY 10022.

Fourth International Joint Conference on Pattern Recognition: November 7-10, 1978, Kyoto, Japan. Research papers on all aspects of pattern recognition are invited, including the following topics: statistical methods, clustering, image enhancement and restorations, line drawings, reconstruction problems, pattern perception, character recognition, speech recognition, robot vision, digital techniques, and special hardwares. Submit four copies of either a long paper (about 6000 words) or a short paper (about 3000 words) with a summary by March 1, 1978, to program chairman, Professor Makoto Nagao, Department of Electrical Engineering, Kyoto University, Sakyo, Kyoto, 606 Japan. Camera ready copy of accepted papers is due August 1, 1978.


Electro'78, May 23-25, Boston, Massachusetts. Contact chairman Brian Date, Electro'78, 445 Hoes Lane, Piscataway, NJ 08845.


Fifth International Conference on Computer Science and Technology, June 1-3, Athens, Greece. Contact Professor J. A. G. de la Roche, School of Electrical Engineering and Computer Science, University of Athens, Greece.

BIOCONF '78, June 10-14, St. Louis, Missouri. Contact Professor K. Ch. Yew, School of Electrical and Computer Engineering, Georgia Tech, Atlanta, GA 30332.


Electro'78, May 23-25, Boston, Massachusetts. Contact chairman Brian Date, Electro'78, 445 Hoes Lane, Piscataway, NJ 08845.

Sixth International Symposium on Multiple Valued Logic, May 24-26, Chicago, Illinois. Contact A. S. Wozencraft, Department of Computer Science, Illinois Institute of Technology, Chicago, IL 60616.

JUNE 1978

Simulation, Modeling, and Decision in Energy Systems, June 1-2, Montreal, Canada. Contact A. B. Carver, Atomic Energy of Canada, Chalk River, Ontario, Canada KOJ 1JO.

IsraTech '78, June 4-8, Jerusalem, Israel. Contact IsraTech '78, Government of Israel, 641 Lexington Ave., New York, NY 10022.

Pattern Recognition and Image Processing, June 5-7, Chicago, Illinois. Contact Professor R. L. Kashyap, School of Electrical Engineering, Purdue University, West Lafayette, IN 47907.

National Computer Conference and Computer Festival, June 5-8, Anaheim, California. Contact Steve Miller, Stanford Research Institute, 333 Ravenswood, Menlo Park, CA 94025.

Fourth International Symposium and Exhibition, June 12-15, Zurich, Switzerland. Contact Secretariat MIMI ’78, Interconvention, c/o Swissair Postfach, 8058 Zurich, Switzerland.


Design Automation Conference, June 19-21, Las Vegas, Nevada. Contact Harry Hayman, P.O. Box 638, Silver Springs, MD 20901.

Fifteenth Design Automation Conference, June 19-21, Las Vegas, Nevada. For further information on this conference, emphasizing techniques, functions, applications, and implementations, contact the chairman of the Computer Society’s Design Automation TC, Dr. Roy L. Russo, IBM T.J. Watson Research Center, P.O. Box 218, Yorktown Heights, NY 10598.


1978 Symposium on Machine Processing of Remotely Sensed Data, June 21-23, West Lafayette, Indiana. Contact Mr. D. Morrison, Purdue University, LARS, 1220 Potter Dr., West Lafayette, IN 47906.

International Conference on the Performance of Computer Installations, June 22-23, Gardone Riviera, Lake Garda, Italy. Contact CILEA, Via Raffaello Sanzio 4, 20090 Segrate (Milano), Italy.

MACC Computerfest ’78, June 23-25, Detroit, Michigan. Contact Jim Rarus, SEMCO, Box 9076, North End Station, Detroit, MI 48201.

International Conference on Management of Data, June 29-30, Fast, Milano, Italy. Contact committee chairman, Giorgio Valle, Istituto di Elettronica, Facolta di Ingegneria, Universita di Bologna, 40136 Bologna, Italy.

Fourth Workshop on Computer Architecture for Non-numeric Processing, August 1-3, Syracuse, New York. Contact Professor P. Bruce Berra, Industrial Engineering and Operations Research, 441 Link Hall, Syracuse University, Syracuse, NY 13210.

Third Jerusalem Conference on Information Technology, August 6-9, Jerusalem, Israel. Contact Mr. Anthony Raitson, SUNY at Buffalo, 4226 Ridge Lea Road, Amherst, NY 14226.


Eighth Australian Computer Conference, August 28-September 1, Canberra, Australia. Contact Conference Chairman, P. J. Claringbold, Box 448, Canberra City, A.C.T. 2601.

SEPTEMBER 1978


COMPON, September 25-29, Washington, D.C. Contact Harry Hayman, P.O. Box 638, Silver Spring, Maryland 20901; (301) 439-7007.

OCTOBER 1978

International Symposium on Operating Systems, October 2-5, Paris, France. Contact D. Lanciaux, IRISA, BP 105, 78150 Le Chesnay, France.

Second Conference of the European Co-operation on Information Systems Methodology in Informatics, October 10-12, Venice, Italy. Contact Luciano Lippi, IBM Centro Scientifico, Dorsoduro 3226, I-30124 Venice, Italy.

Design Automation Workshop, October 18-20, East Lansing, Michigan. Contact Harry Hayman, P.O. Box 638, Silver Springs, MD 20901.

Workshop on Database Design, October 24-25, Orlando, Florida. Contact Sakti P. Ghosh, IBM-K55282, 5600 Cottle Road, San Jose, CA 95193.

Fourth IEEE Symposium on Computer Arithmetic, October 25-27, Santa Monica, California. Contact program chairman A. Avizienis, Computer Science Dept., UCLA, 3731 Boelter Hall, Los Angeles, CA 90024.

NOVEMBER 1978

Fourth International Joint Conference on Pattern Recognition, November 7-10, Kyoto, Japan. Contact program chairman Makoto Nagao, Department of Electrical Engineering, Kyoto University, Sakyo, Kyoto, 606 Japan.

Editorial Schedule for IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

Editor: Prof. Raymond T. Yeh, Dept. of Computer Science, Physics Bldg. 3,28, University of Texas, Austin, TX 78712

January 1978

Performance Modeling
"Random Injection Control of Multiprogramming in Virtual Memory," Erol Gelenbe and Alan Krunik (Communicated by James Browne)

Data Base Engineering
"Database Skeleton and Its Application to Logical Database Synthesis," Shi-Kuo Chang and Wu-Haung Cheng
"Database Skeleton and Its Application to Fuzzy Query Translation," Shi-Kuo Chang and J. S. Ke

Languages
"Dynamic Syntax Specification Using Grammar Forms," Seymour Ginsburg and Erica M. Rounds (Communicated by Tom Cheatham)
"Implementation of a Capability-Based Data Abstraction," Marvin V. Zeikowitz and Howard J. Larsen (Communicated by Harlan Mills)

Design of Algorithms
"A Technique of Algorithm Construction on Sequences," Jayadev Misra

Tools
"DISSECT—A Symbolic Evaluation and Program Testing System," W. E. Howden (Communicated by Dennis Fife)

Correspondence
"The Toy Language Syndrome," Barry K. Rosen

For subscription information, circle number 70 on the Reader Service Card, p. 169.