JULY 1978

Artificial Intelligence Conference, July 18-20, Hamburg, West Germany. For details contact the local chairman, H. N. Nagel, Institut fur Informatik, Universitat Hamburg, 2000 Hamburg-13, Schlueterstrasse 79, West Germany.

Fifth International Colloquium on Automata Languages and Programming, July 18-22, Udine, Italy. Contact Alberto Pettorossi, Istituto di Automatica dell Universita, Via Eudossiana 18, Rome, Italy.

Fiber Optic Con West, July 19-20, San Jose, California. Contact Conventures, 11 Newbury St., Boston, MA 02116.

Conference of Canadian Society for Computer Studies of Intelligence, July 19-21, Toronto, Canada. Contact ACM Headquarters, 1133 Avenue of the Americas, New York, NY 10036.


1978 Summer Computer Simulation Conference, July 24-26, Newport Beach, California. For information write to Simulation Conference, P.O. Box 2228, La Jolla, CA 92038.


EUROCON '78, July 25-28, Milan, Italy. Contact Dr. M. Pettorossi, Istituto di Automatica dell Universita, Via Eudossiana 18, Rome, Italy.

AUGUST 1978

Third Annual Indy Microcomputer Show, July 26, Indianapolis, Indiana. Contact Thurman H. Graden, Naval Avionics Center, D810, 6500 E. 21st St., Indianapolis, IN 46210.

Fourth Workshop on Computer Architecture for Non-Numeric Processing, August 1-3, Syracuse, New York. Contact Prof. P. Bruce Bem, Industrial Engineering and Operations Research, 441 Link Hall, Syracuse University, Syracuse, NY 13210; (315) 472-2826.

First Annual SIGMINI Symposium on Small Systems, August 2-3, New York City. Contact Fred J. Maryanski, Dept. of Computer Science, Kansas State University, Manhattan, KS 66506.

Conference on Data Bases: Improving Usability and Responsiveness, August 2-4, Haifa, Israel. Contact ACM Headquarters, 1133 Avenue of the Americas, New York, NY 10036.


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

URISA '78—16th Annual Conference, Urban and Regional Information Systems Association, August 6-10, Washington, DC. Contact URISA, 180 North Michigan Ave., Suite 800, Chicago, IL 60601.

Industrial Robot Research Seminar, August 8, Kingston, Rhode Island. Contact Ada Willis, Dept. of EE, Kelley Hall, URI, Kingston, RI 02881.


Ninth SIGCSE Technical Symposium, August 14-15, Pittsburgh, Pennsylvania. Contact Dr. R. M. Aiken, Dept. of Computer Science, University of Tennessee, Knoxville, TN 37916.


Workshop on the Use of Computers in Businesses of Developing Countries, August 21-25, Kingston, Jamaica. Contact Dr. David Rine, Information Science Program, Western Illinois University, Macomb, IL 61455; (309) 286-1315.

1978 International Conference on Parallel Processing, August 22-25, Belleville, Michigan. Contact Dr. Charles S. Elliott, College of Engineering, Wayne State University, Detroit, MI 48202; (313) 577-3812.


SPIE's 22nd International Symposium, August 29-31, San Diego, California. Contact SPIE, P. O. Box 10, Bellingham, WA 98225.

Eighth Australian Computer Conference, August 28-September 1, Canberra, Australia. Contact Conference Chairman, P. J. Claringbold, Box 448, Canberra City, A.C.T. 2601.
papers is November 1, 1978. Send four copies to Marvin Zelkowitz, Dept. of Computer Science, University of Maryland, College Park, MD 20742; (301) 454-4251.

FTCS-9, 1979 International Symposium on Fault Tolerant Computing: June 20-22, 1979, Madison, Wisconsin. Papers are solicited on any subject in the general area of fault-tolerant computing. Four copies of an abstract (200 word-maximum) should be submitted by November 1, 1978. Four copies of a complete paper of digest length (4000-word maximum) should be submitted by December 1, 1978. Send to Gerald M. Masson, Dept. of EE, The Johns Hopkins University, Baltimore, MD 21218; (301) 338-7013.

1979 Summer Computer Simulation Conference: July 16-18, 1979, Toronto, Canada. Submit 3-5 page summary by December 1, 1978 to Dr. A. J. Schiewe, general chairman SCSC ’79, c/o The Aerospace Corporation, P.O. Box 92967, Los Angeles, CA 90009.

1979 ACM Computer Science Conference: February 20-22, 1979, Dayton, Ohio. Send original and two copies of a 200-word, camera-ready abstract by December 1, 1978 to Gary B. Lamont, Air Force Institute of Technology, AFIT/ENG, WPAFB, OH 45433. A sample abstract format may be obtained upon request to the above address.

UCAI-79, Sixth International Joint Conference on Artificial Intelligence: August 20-24, 1979, Tokyo, Japan. Submit papers by February 1, 1979, to Prof. Bruce Buchanan, Computer Science Dept., Stanford University, Stanford, CA 94305; (415) 497-4878.

SEPTEMBER 1978


First Meeting, AFCET-SMF on Applied Mathematics, September 4-9, Palaiseau, France. Contact Prof. Michel Metivier, Centre de Mathematiques Appliquees, Ecole Polytechnique, 91129 Palaiseau Cedex, France.


COMPCON 78 Fall, September 5-8, Washington, DC. For information on the Computer Society’s conference on the theme “Computer Communications Networks,” contact Harry Hayman, P.O. Box 639, Silver Spring, MD 20901.

Third Annual Minicomputer Show and Exposition, September 6-7, El Paso, Texas. Contact El Paso Chapter, Data Processing Management Association, PO Box 1894, El Paso, TX 79950.

17th Annual Lake Arrowhead Workshop on Data Management and Storage Hierarchies, September 6-8, Lake Arrowhead, California. Contact Harut Barsamian, Sperry Univac, P.O. Box C-19504, Irvine, CA 92713.

First Fiber Optics and Communications Exposition, September 6-8, Chicago, Illinois. Contact Information Gatekeepers, Inc., 167 Corey Rd., Brookline, MA 02146.


Timesharing Users Conference, September 11-12, St. Louis, Missouri. Contact Alan Frotman, AICPA, 1211 Sixth Avenue, New York, NY 11136.

Non-Invasive Cardiovascular Measurements, September 11-12, Stanford, California. Contact Droni Moo, Cardiology Division, Stanford University School of Medicine, 701 Welch Rd., Suite 3303, Palo Alto, CA 94304; (415) 497-7507.

Data Entry Management and Supervision Seminar, September 11-13, Cherry Hill, New Jersey. Contact Denise King, Management Information Corp., 140 Barclay Center, Cherry Hill, NJ.


Computers in Cardiology, September 12-14, Stanford, California. Contact Droni Moo, Cardiology Division, Stanford University School of Medicine, 701 Welch Rd., Suite 3303, Palo Alto, CA 94304; (415) 497-7507.


User Enhancements—Software/Hardware, September 13-15, Cherry Hill, New Jersey. Contact Martha Gibbs, GAUGE, P.O. Box 4724, Anaheim, CA 92803.

Editorial schedule for

IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

Editor: Prof. Raymond T. Yeh, Dept. of Computer Science, Physics Bldg. 328, University of Texas, Austin, TX 78712

September 1978

Methodology
“Specification and Implementation of Mutual Exclusion,” Per Brinch-Hansen and Jorgen Stenstrup
“An Application of a Method for Analysis of Cyclic Programs,” Nissim Francez
“Program Optimization Using Invariants,” Shmuel Katz (Communicated by Jack Goldberg)

Languages
“Syntactic Error Correction in Programming Languages,” Kuo-Chung Tai (Communicated by Bill Wulf)
“Formal Modeling of Virtual Machines,” Armin B. Cremers and Thomas N. Hibbard

Performance Analysis
“An Analysis of Distributed Free Space in an Operating and Data Management Environment,” Y. H. Chin

For subscription information, circle number 48 on the Reader Service Card, p. 161.


Impact of Microprocessors on Health Care Delivery, September 18-19, College Station, Texas. Contact Dr. William M. Lively, Computer Science Dept., Texas A&M University, College Station, TX 77843

Convention Informatique, September 18-22, Paris, France. For information contact International Trade Shows in France, 1350 Ave. of the Americas, New York, NY 10019; (212) 582-4960.


Symposium on Interactive Techniques in Computer-Aided Design, September 21-23, Bologna, Italy. Contact Dr. Bertram Herzog, Computing Center, University of Colorado, Boulder, CO 80303, or Giorgio Valle, Istituto di Elettronica, Viale Risorgimento 2, Universita di Bologna, 40136, Bologna, Italy.


Fourth International Conference on Computer Communication, September 26-29, Kyoto, Japan. Contact the ICCC-78 Program Committee, Musashino Electrical Communication Laboratory, Nippon Telegraph & Telephone Public Corp., Musashino-ashi, Tokyo, 180 Japan.

OCTOBER 1978

International Symposium on Operating Systems, October 2-5, Paris, France. Contact D. Lanciaux, IRIA, BP 105, 76150 Le Chesnay, France.

16th Annual Allerton Conference on Communication, Control, and Computing, October 4-6, Monticello, Illinois. Contact Prof. M. B. Pursely, Coordinated Science Laboratory, University of Illinois, Urbana, IL 61801.

Midwest Personal Computer Exposition, October 5-8, Chicago, Illinois. Contact Midwest Personal Computing Exposition, ISCSC, 225 West Adams St., Chicago, IL 60606.

Second Conference of the European Co-Operation on Information Systems Methodology in Informatics, October 19-12, Venice, Italy. Contact Luciano Lippi, IBM Centro Scientifico, Dorodaru 3228, 1-30124 Venice, Italy.


19th Annual Symposium on Foundations of Computer Science, October 16-18, Ann Arbor, Michigan. Contact Prof. William C. Rounds, Computer Science Department, University of Michigan, Ann Arbor, MI 48109.


Euromicro 78, October 17-19, Munich, West Germany. Contact the general chairman, Dr. Helmut Berndt, Siemens AG, Dv WS PZ 1, Postfach 70 00 78, D-8000 Munich 70, West Germany.

Design Automation Workshop, October 18-20, East Lansing, Michigan. Those interested in participating should contact Jeffrey R. Foster, Room 3B-307, Whippny Rd., Whippny, NJ 07981; (201) 386-6537.

Fourth International Conference on Digital Satellite Communications, October 23-25, Montreal, Canada. Contact the Manager of Administrative Office, ICDCS-4, Teleglobe Canada, 680 Sherbrooke St. West, Montreal, Quebec, Canada H3A 2S4; (514) 281-5459.

11th National Data Processing Congress, October 23-27, Rio de Janeiro, Brazil. Contact R. Isiris, Rua do Carmo 57, 6 Andar, Rio de Janeiro, Brazil.

Workshop on Data Base Design, October 24-25, New Orleans, Louisiana. Contact Sakti P. Ghosh, IBM-K55282, 5600 Cottle Road, San Jose, CA 95193.


CPEUG 78, 14th Meeting of the Computer Performance Evaluation Users Group, October 24-27, Boston, Massachusetts. Contact Samuel Thompson, Transportation Computer Center, Dept. of Transportation, Washington, DC 20590.

Fourth Symposium on Computer Arithmetic, October 25-27, Santa Monica, California. Contact Program Chairman A. Avizienis, Computer Science Dept., UCLA, 3731 Boettler Hall, Los Angeles, CA 90024.


Seventh Texas Conference on Computing Systems, October 30-November 1, Houston, Texas. Contact Dr. J. C. Huang, Dept. of Computer Science, University of Houston, Austin, TX 77004.

DEMA Annual Conference, October 30-November 1, San Diego, California. Contact Marilyn S. Bodek, 16E Weavers Hill, Greenwich, CT 06830.

NMA Midyear Meeting, October 31-November 2, Seattle, Washington. Contact National Micrographics Association, 8728 Colesville Rd., Silver Spring, MD 20910; (301) 587-8444.

NOVEMBER 1978

CEC'78—Fourth International Symposium on Computers, Electronics and Control (IEEE et al.), November 1-3, Toronto, Ontario, Canada. Contact The Secretary—CEC '78, PO Box 3243, Station B, Calgary, Alberta, Canada T2M 4L8.

Third West Coast Computer Faire, November 3-5, Los Angeles, California. Contact Jim Warren, Box 1579, Halo Alto, CA 94302; (415) 851-7654.

Second Annual Symposium on Computer Applications in Medical Care, November 5-8, Arlington, Virginia. Contact Dr. F. Helmut Orthner, Dept. of Clinical Engineering, School of Medicine and Health Sciences, The George Washington University, 2300 K St., N.W., Washington, DC 20037.


Fifth Annual Computer Security Conference and Exhibition, November 6-8, New York, New York. Contact Barbara H. Shimek, 5 Kane Industrial Drive, Hudson, MA 01749.

Federal Computer Conference and Exposition, November 7-9, Washington, DC. Contact Federal Computer Conference, P.O. Box 368, Wayland, MA 01778.

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.


Data Entry Management and Supervision Seminar, November 13-15, Cherry Hill, New Jersey. Contact Denise King, Management Information Corp., 140 Barclay Center, Cherry Hill, NJ.


Military Electronics Expo '78, November 14-16, Anaheim, California. Contact Joseph Maurer, ISCM, Inc., 222 West Adams St., Chicago, IL 60606.


Mezura '78 and Interblu '78, November 14-18, Poznan, Poland. For information on these measurement and data processing exhibitions of the International Poznan Fair, contact IEG Industrie-Export-Entersessen GMBH D-5650 Solingen/BRD P.O.B 100 410.

California Educational Data Processing Association Convention, November 16-17, Irvine, California. Contact Sam Price, U.C. Davis School of Medicine, Davis, CA 95616.

MICRO-11, November 19-22, Asilomar, California. Contact David A. Patterson, University of California, Berkeley, Berkeley, CA 94720.


Autotestcon '78, IEEE International Automatic Testing Conference, November 28-30, San Diego, California. Contact R. W. Aguais, General Dynamics Electronics, P.O. Box 81127, MS 7-98, San Diego, CA 92138.

DECEMBER 1978


National Telecommunications Conference, December 4-6, Birmingham, Alabama. Contact H. T. Ughtahl, Jr., South Central Bell, Box 405, Birmingham, AL 35202.

ACM 78, December 4-6, Washington, DC. Contact ACM Headquarters, 1133 Avenue of the Americas, New York, NY 10036.


Computer Elements Workshop, December 11-14, Mesa, Arizona. Contact S. M. Neville, Bell Labs, Room 2B438, Naperville, IL 60540; (312) 955-1587.

Midcon '78 (IEEE et al) December 12-14, Dallas, Texas. Contact Electronic Conventions Inc., 999 North Sepulveda Blvd., El Segundo, CA 90245.

1978 Computer Networking Symposium, December 13, Gaithersburg, Maryland. Contact Dr. George Cowan, Computer Sciences Corp., 6565 Arlington Blvd., Falls Church, VA 22046.

Workshop on Software Testing and Test Documentation, December 18-20, Ft. Lauderdale, Florida. Contact H. Hecht, 1040 South La Jolla Ave., Los Angeles, CA 90035.

International Computer Symposium 1978 (IEEE et al.), December 18-20, Taipei, Republic of China. Contact Prof. K. S. Fu, School of EE, Purdue University, West Lafayette, IN 47907.

1979 CONFERENCES

First International Symposium on Mini- and Microcomputers in Control (IEEE et al.), January 8-9, San Diego, California. Contact The Secretary, Computers in Control Symposium, PO Box 2481, Anaheim, CA 92804; (714) 774-6144.

MIMI 79—Seventh International Symposium on Mini- and Microcomputers, January 16-18, Anaheim, California. Contact Secretary, MIMI 79, PO Box 2481, Anaheim, CA 92804; (714) 774-6144.

COMPCON 79 Spring, February 26-March 1, San Francisco, California. Contact COMPCON 79 Spring, PO Box 639, Silver Spring, MD 20901; (301) 439-7007.

11th Annual Southeastern Symposium on Systems Theory, March 12-13, Clemson, South Carolina. Contact John Bennett, Dept. of Electrical and Computer Engineering, Clemson University, Clemson, SC 29631.

12th Annual Simulation Symposium, March 14-16, Tampa, Florida. Contact Dr. Joe Clerna, Simulation Technology, 4124 Linden Ave., Dayton, OH 45432.


Symposium on Software Engineering, April 3-6, Boston Massachusetts. Contact Software Engineering, PO Box 639, Silver Spring, MD 20901.
