NOVEMBER 1977

- Workshop on Future Directions in Computer Architecture, November 16-17, Austin, Texas. Contact Jack Lipovski, Dept. of Electrical Engineering, University of Texas, Austin, TX 78712.

- MIMI 77, November 16-18, Montreal, Canada. Contact Prof. J. L. Houle, MIMI 77 Ecole Polytechnique, Case postale 8079, succursale A, Montreal, Quebec, Canada H3C 3A7.


- Workshop on Microprocessor Education, November 29-30, College Park, Maryland. Contact Paul Hazan, Johns Hopkins University, Applied Physics Lab, Johns Hopkins Road, Laurel, MD 20810; (301) 953-7100.

DECEMBER 1977

- Winter Simulation Conference, December 5-7, Gaithersburg, Maryland. Contact Paul F. Roth, B250 Technology Building, National Bureau of Standards, Washington, D.C. 20234; (301) 921-3545.


- National Telecommunications Conference, December 5-7, Los Angeles, Calif. Contact Marvin K. Simon, Chairman, Technical Program, Jet Propulsion Laboratory, 4800 Oak Grove Dr., Pasadena, CA 91103 (213) 354-9321.


- Mini-Micro Computer Conference and Exhibition, December 6-8, Anaheim, California. Contact Bob Rankin, 5528 East La Palma Avenue, Suite 1, Anaheim, CA 92807.

- Decision and Control, Adaptive Processes, December 7-9, New Orleans, Louisiana. Contact K. S. Fu, Purdue University, School of Electrical Engineering, Lafayette, IN 47907.

- Computer Elements Workshop, December 11-14, Mesa, Arizona. Contact S. M. Neville, Computer Elements Committee, Bell Labs, Room 2B436, Naperville, IL 60540; (312) 355-1587.

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

- International Computer Symposium, December 27-29, Taipei, Republic of China. Contact Te-Son Kuo, P.O. Box 23-72, Taipei, Republic of China.

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, 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) 288-1698.

- 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.


- DataComm 78 Conference and Exhibition, 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 Spee 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. 60a, Belpstrasse 23, CH-3000 Bern 14, Switzerland.

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gramming logic and man/machine systems; circuit implementations; philosophic aspects; fault detection and diagnosis, and reliable design; applications in digital systems; and other relevant topics of interest. Regular papers should be accompanied by a 50-100 word abstract as well as a full draft with figures (typed, double-spaced, not to exceed 20 pages), and short papers should be accompanied by a summary (no more than 500 words, typed, double-spaced). A $100 award will be given to the author of the best regular paper in terms of technical contribution, clarity, and quality of presentation. All material is due December 15, 1977 and should be mailed to program chairman, Dr. Robert E. Swiftart, Electrical Engineering Department, West Virginia University, Morgantown, W. Va. 26506; (304) 293-3880.

Second Conference of the European Co-Operation in Informatics on Information Systems Methodology: October 10-12, 1978, Venice, Italy. Suggested paper topics are: the analysis of user needs; designing systems; development of systems; impact of new technology; evaluation, use and maintenance. Manuscripts must arrive by January 15, 1978. For further information and application of intention to contribute, write to Professor Dr. P. Lockemann, Institut fur Informatik II, Universitat Karlsruhe, Postfach 6380, D-7500 Karlsruhe 1, Germany.

Conference on Information Sciences and Systems: March 29-31, 1978, The Johns Hopkins University, Baltimore, Maryland. Papers are invited describing new advances, applications, and ideas in the fields of computer science, digital systems, communication theory, and system and control theory. Two types of papers are sought: regular papers (for 30-minute presentations) and short papers (for 15-minute presentations). Submit title, detailed summary, and designation (regular or short) by January 16, 1978, to 1978 CISS, Department of Electrical Engineering, The Johns Hopkins University, Baltimore, MD 21218.


Conference on Information Sciences and Systems, March 29-31, The Johns Hopkins University, Baltimore, Maryland. Contact Gerald M. Masson, Department of Electrical Engineering, Barton Hall, The Johns Hopkins University, Baltimore, MD 21218.

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.

IEEE International Conference on Acoustics, Speech, and Signal Processing, April 10-12, Tulsa, Oklahoma. Contact Rocio Yaragatada, 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 Laliotis, 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 M8, Aggieland, TX 77844; (713) 822-7118.

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.


MAY 1978


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

Third International Conference on Software Engineering, May 10-12, Atlanta, Georgia. Contact L. A. Belady, program chairman, T. J. Watson Research Center, Yorktown Heights, NY 10598.

Sixteenth Annual Convention of the Association for Educational Data Systems, May 15-19, Atlanta, Georgia. Contact James E. Eisele, Office of Computing Activities, University of Georgia, Athens, GA 30602.


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


JUNE 1978

IsaTech '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.

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 Technical Committee, Dr. Ray 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, 00090 Segrate (Milano), Italy.

MACC Computerfest '78, June 23-25, Detroit, Michigan. Contact Jim Rarus, SEMCO, Box 9578, 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, Facoltà di Ingegneria, Università di Bologna, 40136 Bologna, Italy.

AUGUST 1978

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 Ralston, 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 639, Silver Spring, Maryland 20901; (301) 439-7007.

OCTOBER 1978

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

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 Alain Kurincx (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," Jaydev Misra

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

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

For subscription information, circle number 70 on the Reader Service Card, p. 103