JANUARY 1976

Third Annual Symposium on Computer Architecture plus Microprogramming Tutorial, January 19-21, Clearwater, Florida. Day-long tutorial Monday, January 19, precedes the symposium to be held January 20-21. For further information contact Prof. Oscar Garcia, College of Engineering, University of South Florida, Tampa, FL 33620; (813) 974-2991.

Third ACM SIGACT-SIGPLAN Symposium on Principles of Programming Languages, January 19-21, Atlanta, Georgia. For information contact Prof. William Grosky, Department of Information and Computer Science, Georgia Institute of Technology, 225 North Avenue, Atlanta, GA 30332.

On-Line Systems, 1976-1986, January 19-21, and Data Base Systems, January 21-23, Washington, D. C. Brochure covering both meetings is available from AIEE Seminars, Dept. PR, P. O. Box 25116, Los Angeles, CA 90025; (213) 826-7572.

Sixth Annual Input-Output Seminar, January 20-22, New York, New York. Contact Input/Output Systems Association, 999 Bedford Street, Stamford, CT 06905; (203) 323-3143 or (212) 661-2870.

Computer Society of India Annual Convention, January 20-23, Hyderabad, India. Contact DVR Vithal, Program Chairman, CSI 76, Computer Group, Tata Institute of Fundamental Research, Bombay 400 005, India.


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.

FEBRUARY 1976

12th Modulator Symposium, February 4-5, New York, New York. Contact Sol Schneider, Electronics Technology and Devices Laboratory (ECOM), Fort Monmouth, NJ 07703; (201) 596-1740.

West Coast FORTRAN Forum, February 9, Anaheim, California. Features representatives from the FORTRAN Standards Committee discussing the soon-to-be-released proposed draft American National Standard X3.91XX revision. Contact Donald Reifer, The Aerospace Corp., P.O. Box 92957, Los Angeles, CA 90009.

Fourth Annual ACM Computer Science Conference, February 10-12, Anaheim, California. Contact Julian Feldman, Assistant Chancellor for Computing, University of California at Irvine, Irvine, CA 92664.


Workshop on Data Structures and Pattern Recognition, February 11-13, Albuquerque, New Mexico. Contact either of the technical program co-chairmen: Prof. R. L. Kashyap, School of Electrical Engineering, Purdue University, West Lafayette, IN 47907, or Prof. Stephen D. Shapiro, Dept. of Electrical Engineering, Stevens Institute of Technology, Castle Point Station, Hoboken, NJ 07030.

Symposium on Computer Science and Education, February 12-13, Anaheim, California. Held in conjunction with the ACM Computer Science Conference. Contact either Paul Lorton, Jr., University of San Francisco, San Francisco, CA 94117, or Ron Colman, California State University at Fullerton, Fullerton, CA 92634.

First International Conference on Computerized Business Simulation Games, February 12-13, Long Beach, California. Contact Ronald J. Langley, Conference Director, or Dr. Kenneth Kuan-Ling Fan, Program Chairman, 1st ICCBSG, School of Business Administration, California State University, Long Beach, CA 90840.


Government-Industry Conference on Federal ADP Procurement, February 18-20, Los Angeles, California. The conference will examine new and revised regulations for procurement of computer hardware, software, and services by the federal government. Brochure is available from AIEE Seminars, P. O. Box 25116, Los Angeles, CA 90025; (213) 826-7572.

COMPCON Spring 76, February 24-26, San Francisco, California. The Computer Society's twelfth international conference will be held on the theme of "The Next Five Years: Evolution or Revolution?" For information contact Sidney Fernbach, Computer Department L-61, Lawrence Livermore Laboratory, P. O. Box 808, Livermore, CA 94550.

MARCH 1976

Computer Caravan Eastern Tour, March 2-4, Boston, Massachusetts; March 9-11, New York City; March 16-18, Washington, D.C.; and March 23-25, Atlanta, Georgia. The nine-city caravan, sponsored by Computerworld's The Conference Company, also includes a Midwest Tour in April and Western Tour in May. Contact Computer Caravan, 797 Washington St., Newton, MA 02160.

ACM Conference on Programming Micro/Minicomputers, March 4-6, New Orleans, Louisiana. Contact Lawrence J. Schutte, Room 6B-302, Bell Telephone Labs, Naperville, IL 60540.


International Zurich Seminar on Digital Communications, March 9-11, Zurich, Switzerland. Contact Dr. A. Kundig, Chairman Zurich Seminar on Digital Communications, Technisches Zentrum PTT / V 907, CH-3000 Bern 29, Switzerland.

IEEE Control of Power Systems Conference and Exposition, March 10-12, Oklahoma City, Oklahoma. Contact C. R. Haden, the University of Oklahoma, School of Electrical Engineering, 202 W. Boyd, Rm. 219, Norman, OK 73069.

Ninth Annual Simulation Symposium, March 17-19, Tampa, Florida. Sponsored by the Society for Computer Simulation with the participation of ACM and the Computer Society. For further information contact Annual Simulation Symposium, P. O. Box 22621, Tampa, FL 33622; (813) 839-5201.


Interface 76, March 29-31, Miami Beach, Florida. Contact Data Communications Interface 76, 160 Spen Street, Framingham, MA 01701.


APRIL 1976

Computer Caravan Midwest Tour, March 30-April 1, Detroit, Michigan; April 13-15, Chicago, Illinois; and April 20-22, Dallas, Texas. Contact Computer Caravan, 797 Washington St., Newton, MA 02160.


Southeastcon, April 5-7, Clemson, South Carolina. Contact J. T. Long, Electrical Engineering Dept., Clemson University, Clemson, SC 29631.

U. S. Regional Meeting of the International Purdue Workshop on Industrial Computer Systems, April 5-8, West Lafayette, Indiana. For information on this forum on the implementation of industrial digital computer systems for real-time manufacturing process control and data acquisition, contact Dr. T. J. Williams, 102 Michael Golden, Purdue University, West Lafayette, IN 47907; (317) 494-8425.

Applications of Electronics in Medicine, April 6-8, Southampton, England. Contact IERE Conference Dept., 8-9 Bedford Sq., London, WC1B 3RG England.

IEEE Region 6 Conference, April 7-9, Tucson, Arizona. Contact P. N. Hanover, Hughes Airport Co., Tucson, AZ 85734

Symposium on Algorithms and Complexity—New Directions and Recent Results, April 7-9, Pittsburgh, Pennsylvania. Emphasizes algorithms and complexity results relevant to actual computation in both traditional and new areas. Contact J. F. Traub, Dept. of Computer Science, Carnegie-Mellon University, Pittsburgh, PA 15213.


IEEE Region V Annual Conference, April 14-16, Austin, Texas. For information on the conference, "Electrical Engineering for This Decade," contact A. Bruce Buckman, Program Chairman, Electrical Engineering Dept., University of Texas at Austin, Austin, TX 78712.

MRI Symposium on Computer Software Engineering: Reliability, Management, and Design, April 20-22, Brooklyn, New York. Contact Jerome Fox, Executive Secretary, MRI Symposium Committee, Polytechnic Institute of New York, 333 Jay Street, Brooklyn, NY 11201; (212) 643-2393.


Eighth Annual Southeastern Symposium on System Theory, April 26-27, Knoxville, Tennessee. Contact Prof. Walter L. Green, Dept. of Electrical Engineering, University of Tennessee, Knoxville, TN 37918.


ACM SIGPLAN/SIGGRAPH Symposium on Graphic Languages, April 26-27, Miami, Florida. For information contact ACM, 1133 Avenue of the Americas, New York, NY 10036; (212) 265-6300.


1976 IEEE International Symposium on Circuits and Systems, April 27-29, Munich, Germany. Contact Rudolf Saal, General Chairman, Technical University Munich, Arcisstr. 21, D 8000 Munich 2, FR Germany.
NMA 25th Annual Conference and Exposition, April 27-30, Chicago, Illinois. Write to The Spirit of Micrographics '76, National Micrographics Association, 8728 Colesville Road, Silver Spring, MD 20910.

International '76—Input/Output Systems Seminar, April 28-30, Geneva, Switzerland. Contact Input/Output Systems Association, 999 Bedford Street, Stamford, CT 06905; (203) 323-3143 or (212) 661-2870.

Second Annual Asilomar Workshop on Microprocessors, April 28-30, Asilomar, California. The workshop will focus on the unique problems encountered and special techniques needed for microprocessor-based systems. Contact Ted A. Lailiotis, ASI, Inc., 840 Del Rey Ave., Sunnyvale, CA 94086.

MAY 1976

Eighth Annual ACM Symposium on Theory of Computing, May 3-5, Hershey, Pennsylvania. Contact Emily P. Friedman, System Science Dept., School of Engineering and Applied Science, University of California at Los Angeles, Los Angeles, CA 90024.

Offshore Technology Conference, May 3-6, Houston, Texas. Contact OTC, 6200 N. Central Expressway, Dallas, TX 75206.

14th Annual Convention of the Association for Educational Data Systems, May 3-7, Phoenix, Arizona. Contact Max Ivey, Campus Systems and Programming, Wilson Hall—Room 206, Arizona State University, Tempe, AZ 85281; (602) 965-7753.

IEA/ELECTREX, May 3-7, Birmingham, England. The first International Electrical, Electronic, and Instrument Exhibition is a combination of two longtime biennial events, the International Instruments, Electronics and Automation Exhibition (IEA) and the International Electrical Exhibition (ELECTREX). For IEA contact Industrial and Trade Fairs Ltd., Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG, England. For ELECTREX contact Electrical Engineers (ASEE) Exhibitions Ltd., W1X Hill House, West Horsley, Surrey KT24 6DZ, England.

SID 76, May 4-6, Beverly Hills, California. For information on the Society for Information Display 1976 International Symposium, contact Lewis Winner, 152 W. 42nd Street, New York, NY 10036; (212) 279-3125.

Computer Caravan Western Tour, May 4-6, Los Angeles, and May 11-13, San Francisco, California. Contact Computer Caravan, 797 Washington St., Newton, MA 02160.


Workshop on Microprocessor Architecture and Systems, May 6-7, Evanston, Illinois. Contact Prof. Mario Gonzalez, Computer Sciences Department, Northwestern University, Evanston, IL 60201.

First Student Computer Conference, SCC'76, May 8, Newark, New Jersey. Open to undergraduate and high school students. Contact Anita Lasalle, Dept. of Computer and Information Science, New Jersey Institute of Technology, 323 High Street, Newark, NJ 07102; (201) 645-5126.

Electro 76, IEEE International Convention, May 11-14, Boston, Massachusetts. Contact Electro 76, 31 Channing St., Newton, MA 02158.


Fifth Annual Symposium on Incremental Motion Control Systems and Devices, May 24-27, Urbana, Illinois. For information contact Prof. B. C. Kuo, Dept. of Electrical Engineering, University of Illinois, Urbana, IL 61801.


International Symposium of the ISA Aerospace Industries and Test Measurements Division, May 25-27, San Diego, California. Contact Instrument Society of America, 400 Stanwix St., Pittsburgh, PA 15222; (412) 281-3171.

Sixth International Symposium on Multiple-Valued Logic, May 25-28, Logan, Utah. Emphasis will be placed on engineering and computer science aspects. Contact Prof. Stephen Y. H. Su, Dept. of Electrical Engineering, Utah State University, Logan, UT 84322; (801) 752-4100 x7806.


JUNE 1976

Joint Workshop on Pattern Recognition and Artificial Intelligence, June 1-3, Hyannis, Massachusetts. Contact Prof. C. H. Chen, College of Engineering, Southeastern Massachusetts University, North Dartmouth, MA 02747.


HELP Workshop on Model Curricula Implementation, June 14-16, Bloomington, Illinois. Teachers of computer science and engineering in small colleges will discuss implementation of the Model Curricula Subcommittee's forthcoming materials. For further information contact Dr. David Rine, West Virginia University, Morgantown, WV 26506; (304) 293-3196.

Annual Conference of the American Society for Engineering Education, June 14-17, Knoxville, Tennessee. Contact Wayne C. Dowling, Vice-Chairman for Programs, 305A Marston Hall, Iowa State University, Ames, IA 50010.

MMI-Intermag Conference, June 15-18, Pittsburgh, Pennsylvania. The Annual Conference on Magnetism and Magnetic Materials and the Intermag Conference are meeting jointly for the first time. For information contact the Conference Steering Committee, c/o R. M. Josephs, Sperry-Univac, P. O. Box 500, Blue Bell, PA 19422.

15th Annual Technical Symposium, June 17, Gaithersburg, Maryland. Jointly sponsored by ACM and NBS-ICST, the symposium theme is "Directions and Challenges." For information contact Dr. B. L. Elkina, Computer Sciences Corp., 400 Army Navy Drive, Arlington, VA 22202.


ACM-CIPS Pacific Regional Symposium, June 24-25, Seattle, Washington. For further information on the symposium, North West 76, contact either Patricia Crockett, General Chairman, or Dr. James S. Ketchel, Technical Program Chairman, NW 76, P.O. Box 88003, Tukwila Branch, Seattle, WA 98188.

13th Design Automation Conference, June 26-28, Palo Alto, California. For information contact A. J. Humcke, Bell Labs, 1F-222, Holmdel, NJ 07733.

Symposium on Machine Processing of Remotely Sensed Data, June 29-July 1, West Lafayette, Indiana. Theory, implementation, and applications will be covered. Contact Prof. Philip H. Swain, Laboratory for Applications of Remote Sensing, Purdue University, 1220 Potter Drive, West Lafayette, IN 47906.

JULY 1976


SIGGRAPH 76, July 14-16, Philadelphia, Pennsylvania. For information on the Third Annual Conference on Computer Graphics, Interactive Techniques, and Image Processing, contact Dr. Udo Pooch, SIGGRAPH 76, Dept. of Industrial Engineering, Texas A&M University, College Station, TX 77840.

AUGUST 1976

International Workshop on Computer Networks—Theory and Practice, August 9-11, Waterloo, Canada. Contact Prof. E. Gelenbe, IRIA, Domaine de Voluceau, Rocquencourt, 78150 Le Chesnay, France, or Prof. D. E. Morgan, University of Waterloo, CCNG E4, Waterloo, Ontario, Canada N2L 3G1.

Third International Symposium on Control in Transportation Systems, August 9-13, Columbus, Ohio. Contact David Van Meter, Chairman of the Program Committee, U. S. Dept. of Transportation, Kendall Square, Cambridge, MA 02142.


DISE Workshop on Microprocessors and Education, August 16-18, Fort Collins, Colorado. For information on this workshop for educators involved in digital system education, contact Dr. Yaohan Chu, Program Chairman, Dept. of Computer Science, University of Maryland, College Park, MD 20742.

1976 International Optical Computing Conference, August 31-September 2, Capri, Italy. For more information on this conference, previously scheduled for April 27-29, 1976, contact Sam Horvitz, Naval Underwater Systems Center, New London, CT 06320.

SEPTEMBER 1976

COMPCON Fall 76, September 8-10, Washington, D. C. The Computer Society's thirteenth international conference will be on the theme "Computers . . . by the billions, for the millions." For information contact Dr. Walter Beam, General Chairman, Rm. 4D961, The Pentagon, Washington, D. C. 20330.

International Conference on Very Large Data Bases, September 8-10, Brussels, Belgium. For information contact Dr. Sakti P. Ghosh, Computer Science Dept., IBM Research Laboratory, 5600 Cottle Road, San Jose, CA 95193.


Wescon 76, September 14-17, Los Angeles, California. For information on the Western Electronic Show and Convention, contact Wescon 76, 3600 Wilshire Blvd., Los Angeles, CA 90010.

APL 76, September 22-24, Ottawa, Canada. For information on this conference exploring the use of APL in commerce, industry, and education, contact B. J. Daly, Conference Chairman, I. P. Sharp Associates Ltd., 2003 210 Gladstone Ave., Ottawa K2P 0Y6 Canada.


International Symposium on Automotive Technology and Automation, September 27-October 1, Rome, Italy. The scope of ISETA is being widened to include automation throughout the automotive industry. Contact Secretariat. ISATA, 82 High Street, Croydon CR0 INA, England.

OCTOBER 1976

Third European Electro-Optics Conference and Exhibition, October 5-8, Geneva, Switzerland. Contact A. D. Little Associates, EO 76 Steering Committee, 90 Champs Elysees, F 75008 Paris, France.


ISA 76, October 11-14, Houston, Texas. Contact Dr. Sung Hu, Electrical Engineering, Cleveland State University, Cleveland, OH 44115.

EUROMICRO Second Symposium on Micro Architecture, October 12-14, Venice, Italy. For information on this conference organized by the European Association for Microprocessing and Microprogramming, contact Rodnay Zaks, Conference Chairman, Univ. de Compiegne, B.P. 233, 60206 Compiegne, France.

Second International Conference on Software Engineering, October 13-15, San Francisco, California. Experiences with practices and tools used in software development will be shared. For information contact Software Engineering, P. O. Box 638, Silver Spring, MD 20901.

NOVEMBER 1976

Third International Joint Conference on Pattern Recognition, November 8-13, Coronado, California. The meeting will involve research, methodology, and applications, and will include a one-day Symposium on Computer-Aided Diagnosis of Radiographs. Contact Prof. Azriel Rosenfeld, Computer Science Dept., University of Maryland, College Park, MD 20742.

Engineering in Medicine and Biology Conference, November 10-13, Boston, Massachusetts. Contact AEMB, 5445 Wisconsin Ave., Suite 1350, Chevy Chase, MD 20015.