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.

OCTOBER 1975

DPMA Western Computer Conference and Exhibits, October 9-10, San Francisco, California. For more information on the conference, “Making Data Processing More Profitable,” contact Western Computer Conference and Exhibits, P.O. Box 7955, San Francisco, CA 94120.

10th National Data Processing Conference, October 13-14, Jerusalem, Israel. Contact the Program Committee, 10th National Data Processing Conference, c/o Kenes Ltd., PO Box 15271, Tel Aviv, Israel.


Annual Semiconductor Test Symposium, October 14-16, Cherry Hill, New Jersey. Contact Helen Yonan, Philadelphia Section, IEEE, Moore School of Engineering, University of Pennsylvania, Philadelphia, PA 19174; (215) 594-8106.

International Conference on Advanced Signal Processing Technology, October 14-16, Lausanne, Switzerland. Contact Secretariat of Journees d'électronique, Bellerive 16, 1007 Lausanne, Switzerland.

2nd International Symposium on CAMAC in Computer Applications, October 14-16, Brussels, Belgium. Contact the Organizing Committee 2nd CAMAC Symposium, Attn: Dr. H. Meyer, c/o Commission of the European Communities, C.R.C. —CBNM, Steenweg naar Retie, B-2440 Geel (Belgium).

13th Annual GIDEP Workshop, October 15-17, Chicago, Illinois. Contact John W. Reed, Raytheon Company, Department 7362, 350 Lowell Street, Andover, MA 01810; (617) 475-5000 X2260/2259.


ACM Annual Conference, October 20-22, Minneapolis, Minnesota. For more information on this conference on "Computers and the Quality of Life," contact Earl C. Joseph, ACM 75 General Chairman, P.O. Box 658, Hopkins, MN 55343.


American Society for Information Science 38th Annual Conference, October 26-30, Boston, Massachusetts. Contact ASIS 1975 Technical Program Committee, PO Box 224, Needham, MA 02194.

Canadian Computer Show and Conference, October 28-30, Toronto, Canada. For registration cards and information, contact Derek A. Tidd, Industrial and Trade Shows of Canada, 481 University Ave., Toronto M5W 1A7; (416) 595-1811.

Iomec Users Association 10th Annual Conference, October 29-31, San Francisco, California. For further information contact Victor Herrick, Executive Director, IUA, Iomec Inc., 3300 Scott Blvd., Santa Clara, CA 95050; (408) 248-2550 x254.

NOVEMBER 1975

Ninth Annual Asilomar Conference on Circuits, Systems, and Computers, November 3-5, Pacific Grove, California. Contact Dr. Michael P. Ekstrom, L-156, Lawrence Livermore Laboratory, PO Box 808, Livermore, CA 94550.


Fourth Texas Conference on Computing Systems, November 17-18, Austin, Texas. Contact S.K. Basu, Computer Science Department, University of Texas at Austin, Austin, TX 78712.

AIIE Minicomputer Conference, November 17-18, Washington, D.C. Conference brochure is available from American Institute of Industrial Engineers Seminars, P.O. Box 25116, Los Angeles, CA 90025; (213) 826-7572.

Microcomputer Application Work shop, November 19-20, San Diego, California. Co-sponsored by the Office of Naval Research and the Computer Society's Technical Committee on Mini-Microcomputers, the workshop will explore new applications of microcomputers. Contact William J. Dekja, Advanced Digital Systems, Naval Electronics Laboratory, San Diego, CA 92152; (714) 225-7502.

Symposium on Computer Arithmetic, November 19-20, Dallas, Texas. Contact Prof. T.R.N. Rao, Department of Electrical Engineering, University of Maryland, College Park, MD 20742.

5th Symposium on Operating System s Principles, November 19-21, Austin, Texas. Contact Thomas Bredt, Digital Systems Lab, Stanford University, Stanford, CA 94305.


DECEMBER 1975


Software for Partial Differential Equations, December 8-9, Moffett Field, California. For attendance reservations contact Mamoru Inouye, 233-1, NASA-AMES Research Center, Moffett Field, CA 94035; (415) 965-5126.

1975 CECC/CEDPA Trade Show and Conference, December 11-12, Los Angeles, California. For further information or booth reservation, contact Ellen Landers, Show Manager, 1975 CECC/CEDPA Trade Show, 17123 Chatsworth Street #10, Granada Hills, CA 91344.

October 1975

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JANUARY 1976

Third Annual Symposium on Computer Architecture, January 19-21, Clearwater, Florida. For information contact Dr. Oscar Garcia, College of Engineering, University of South Florida, Tampa, FL 33620; (813) 974-2581.

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.

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.

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.

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.


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.


COMPCON Spring 76, February 23-26, 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 Ferrbach, Computer Department L-61, Lawrence Livermore Laboratory, P. O. Box 808, Livermore, CA 94550.


MARCH 1976

ACM Conference on Programming Micro/Minicomputers, March 4-6, New Orleans, Louisiana. Persons planning to attend Mardi Gras (March 2) should reserve immediately at the Delta Towers Hotel asking for the ACM Group Rate. For conference information contact Lawrence J. Schute, Room 6B-302, Bell Telephone Laboratories, Naperville, IL 60540.


International Zurich Seminar on Digital Communications, March 9-11, Zurich, Switzerland. Contact Dr. A. Kunig, Chairman Zurich Seminar on Digital Communications, Technisches Zentrum PT/ 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. Contact Ira Kay, Box 22573, Tampa, FL, 33622; (813) 839-5201.


APRIL 1976


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

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


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.


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.
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.

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


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


1976 International Symposium on Fault-Tolerant Computing, June 21-23, Pittsburgh, Pennsylvania. FTCS-6 will stress practical applications and actual

October 1975

Coming Soon . . .

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

November 1975

Algorithms

Combinational Networks
"Equational Realizations of Switching Functions," F. M. Brown

Computer Systems

Digital Signal Processing

Fault Diagnosis
"System Fault Diagnosis: Closure and Diagnosability with Repair," J. D. Russell and C. R. Kime

Sequential Machines
"Minimization of Incompletely Specified Sequential Machines," C. V. S. Rao and N. N. Biswas

December 1975

Computer Systems
"Access and Alignment of Data in an Array Processor," D. H. Lawrie

Fault Diagnosis
"System Fault Diagnosis: Masking Exposure, and Diagnosability without Repair," J. D. Russell and C. R. Kime

"Fault Diagnosis in Combinational Tree Networks," Z. Kohavi and I. Berger

Memory Systems
"Dynamic Memories with Fast Random and Sequential Access," H. S. Stone

Pattern Recognition
"An Algorithm for Determining the Topological Dimensionality of Point Clusters," D. H. Schwartzmann and J. J. Vidal


"Group Averaged Linear Transforms that Detect Corners and Edges," J. C. Dunn

Special-Purpose Machines
"A Special-Purpose Computer for Digital Signal Processing," R. De Mori, S. Rivoira, and A. Serra

Stochastic Languages
"Stochastic Syntax-Directed Translation Schemata for Correction of Errors in Context-Free Languages," M. G. Thomson

1975-1976, Special Issues

Artificial Intelligence, Late 1975

Parallel Processing, Early 1976

Automated Theorem Proving, Early 1976

Fault-Tolerant Computing, Mid 1976

COMPUTER

Technical Editor: Dr. Jack Shemer

Xerox Research, Advanced Development Lab

Mall Station C3-50, 701 S. Aviation Blvd.

El Segundo, CA 90245

Potpourri Issue, November 1975

Storage Technologies for Micros and Minis, March 1976

Computer Science Curricula, December 1975

Microprocessor Architecture and Applications, January 1976

The Next 5 Years in Computer Technology, June 1976

Microprocessor Elements, February 1976

Other issues are being organized on Manufacturing Automation, Operating Systems, Simulation Techniques, and Hybrid Computer Systems.

For subscription information on TRANSACTIONS, use Reader Service Number 1027, p. 79.


JULY 1976


AUGUST 1976

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.

SEPTEMBER 1976


Compcon Fall 76, September 8-11, Washington, D. C. The Computer Society's own international conference is held twice yearly—in September in Washington, D.C., and in February in San Francisco. Contact Compcon Fall 76, P. O. Box 369, Silver Spring, MD 20901.

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.


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.


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 639, Silver Spring, MD 20901.

Rates
Minimum charge = $30.00 up to 10 lines, average of six words per line; $3.00 per line thereafter. Add $5.00 for box number. No ad shall be longer than 30 lines. Payment with order, due the first of the month prior to month of publication.

Exceptions = IEEE Computer Society member ads for positions wanted: $10.00 up to 10 lines; $1.00 per line thereafter. Situations wanted ads for unemployed Society members are run free. Include IEEE member number in either case.

Faculty Position: The Department of Electrical Engineering of the University of Cincinnati is seeking a new faculty member at the Assistant Professor level to teach and do research in the computer science area. A doctorate in electrical engineering or computer science is required. Before submitting a resume, applicants should write for further information to the Head, Department of Electrical Engineering, University of Cincinnati, Mail Location #30, Cincinnati, OH 45221. We are an Equal Opportunity Employer.

Member of Technical Staff—Digital Signal Processing: The Sperry Research Center has an opening for a Member of the Technical Staff in its Systems Studies Department to serve as a principal investigator in programs involving digital signal processing. The successful candidate must:

- Be a technical innovator and have the ability to direct the technical activities of other staff members.
- Be active in the signal processing area. The person will be responsible for documenting technical accomplishments are desirable.
- Have related experience in computer architecture, digital circuit design, microprocessor technology, and LSI fabrication techniques.
- Be capable of documenting results in reports and delivering concise oral presentations.
- Be a recent Ph.D. graduate (1974-5) in Electrical Engineering, Mathematics, or Physics.

Please send resume to Janet Porretti, Sperry Research Center, 100 North Road, Sudbury, Massachusetts 01776.

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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. A contributing Computer Scientists: We currently have openings for highly creative people to perform research in the following areas:

- Control and structuring of concurrently executing processes.
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