CALENDAR

Computer Society sponsored or cosponsored conferences are indicated by an asterisk; other conferences, not sponsored by the Computer Society but of interest to our readers, are also included.

APRIL

International Conference on Advances in Automatic Testing Technology, April 15-17, University of Birmingham, England. Contact the Joint Conference Secretariat, Institution of Electronic and Radio Engineers, 8-9 Bedford Square, London WC1B 3RG.

21st Southeastern Conference and Exhibit and 14th Huntsville Exhibit and Conference, April 15-17, Huntsville, Alabama. For information on these joint conferences contact Jan B. Fuller, SECON/HEXCON Director, PO Box 1404, Huntsville, AL 35807.


Milwaukee Symposium on Automatic Computation and Control, April 17-19, Milwaukee, Wisconsin. Contact Dr. Richard A. DeMillo, General Chairman, MSAC2-75, Electrical Engineering Department, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin 53201.

IEEE International Symposium on Circuits and Systems, April 21-23, Newton, Massachusetts. Contact Arvin Grabel, Dept. of Electrical Engineering, Northeastern University, 360 Huntington Ave., Boston, MA 02115.

Interface 75, Third Annual Data Communications Conference and Exposition, April 21-23, New Orleans, Louisiana. Contact Kenneth A. Pulio, Conference Publicity Manager, 160 Spen St., Framingham, MA 01701.

* International Conference on Reliable Software, April 21-23, Los Angeles, California. Beginning one day earlier than previously announced. Contact Prof. Martin L. Shooman, Polytechnic Institute of New York, 333 Jay Street, Brooklyn, NY 11201.

Electrical and Electronic Engineers in Israel, April 21-25, Tel-Aviv, Israel. Contact S. Weissenstein, POB 29234, Tel-Aviv, Israel.


* 3rd International Optical Computing Symposium, April 23-25, Washington, D. C. Contact Committee, 75, PO Box 639, Silver Spring, MD 20901.


Workshop on Currently Available Program Testing Tools: Technology and Experience, April 24-25, Los Angeles, California. Complements the 1975 Conference on Reliable Software by surveying the market of currently available program testing tools. Contact Dr. Rona B. Stillman, Workshop Chairman, National Bureau of Standards, TECH A265, Washington, D. C. 20034.

Association for Educational Data Systems Convention, April 28-May 2, Virginia Beach, Virginia. Contact AEDS Convention Coordinator, Charles D. Miller, Virginia Division of ADP, 8th Street Office Bldg., Richmond, VA 23219.


* Asilomar Workshop on Advanced Architecture and Applications of Microcomputers, April 30-May 2, Asilomar, California. This workshop will bring together the users and manufacturers of microprocessors to explore the unique aspects of microcomputers as system components and ways of expanding the range of microprocessor applications. For invitations contact Mr. Don Senzig, Workshop Registration Chairman, Hewlett-Packard Laboratories, 1501 Page Mill Road, Palo Alto, CA 94304.

MAY


NEWCOM '75, May 6-8, Las Vegas, Nevada. Contact Electronic Industry Show Corp., 222 South Riverside Plaza, Chicago, IL 60606.

Carnaham Conference on Electronic Crime Countermeasures, May 7-9, Lexington, Kentucky. Contact George Byrne, Stanford Research Institute, Menlo Park, CA 94025.

Communications Technology, IEEE Region 6 Conference and Exhibit, May 7-9, Salt Lake City, Utah. Contact R. O. Evans, Sperry Univac, 322 N. 22nd St., Salt Lake City, UT 84116.


International Science and Engineering Fair, May 12-17, Oklahoma City, Oklahoma. High school students compete for ISEF and Special Awards, one awarded by the Computer Society. Contact Science Service, 1719 N Street N. W., Washington, D. C. 20036.


International Symposium on Multiple-Valued Logic, May 13-16, Bloomington, Indiana. Contact Dr. George Epstein, Dept. of Computer Science, Indiana University, Bloomington, IN 47401.

Conference on Computer Graphics, Pattern Recognition, and Data Structure, May 14-16, Los Angeles, California. Please note change of contact. For further information, contact P. O. Box 24902, Dept. of Continuing Education in Engineering and Mathematics, University Extension, UCLA, Los Angeles, CA 90024.
JAIPA, worth, sytems, June 3-6, San Diego, California. This symposium includes sessions on bit slice microprocessors and microprogramming, militarized microprocessors, international markets, microprocessor system design, advanced technology, and the microprocessor market. Contact Dr. Gary A. Nelson, Program Director, AH Systems, Inc., 9710 Cozycroft Avenue, Chatsworth, CA 91311.

1975 Japan Printed Circuit Association Show, June 5-8, Tokyo, Japan. Contact JCPC, 3rd floor, Yoshida Building, No. 21, Shibakamiya-cho, Minato-ku, Tokyo, Japan.


APL 75, June 11-13, Pisa, Italy. Contact S. Trumpy, Local Coordinator, CNUCE, Via S. Maria 36, 56100 Pisa, Italy.

Conference on Computers in the Undergraduate Curriculum, June 16-18, Fort Worth, Texas. Contact CCUC/6, Texas Christian University, Computer Science Program, Fort Worth, TX 76129.

AICA International Symposium on Computer Methods for Partial Differential Equations, June 17-19, Bethlehem, Pennsylvania. This symposium will cover all aspects of recent developments in the computer solution of partial differential equations, including finite element methods, analog/hybrid methods, and algorithms; programming languages, program organization, and style; hardware, special computer configurations, and networks; and significant developments in applications to engineering and scientific problems. Contact AICA Symposium Committee, c/o Dept. of Computer Science, Rutgers University, New Brunswick, NJ 08903.

Computer Networks Symposium, June 18, Gaithersburg, Maryland. Annual one-day symposium sponsored by the Computer Society Eastern Area Committee, the Washington D.C. Chapter, and NBS is on "Trends and Applications 1975." Contact Computer Networks, PO Box 639, Silver Spring, MD 20901.


* 12th Annual Design Automation Conference, June 23-25, Boston, Massachusetts. Contact R. B. Hitchcock, T. J. Watson Research Center, PO Box 218, Yorktown Heights, NY 10598.

Workshop on the Microarchitecture of Computer Systems, June 23-27, Monte Carlo. Request invitations no later than March 15, 1975, from the Conference Chairman, Prof. F. Anceau, ENSIMAG, Cedex 53, 38 Grenoble Gare, France.

1975 National Conference of the Canadian Information Processing Society, June 24-26, Regina, Saskatchewan. Contact A. G. Law, Mathematics Dept., University of Regina, Regina, Saskatchewan, S4S 0A2.

Second Annual Conference on Computer Graphics and Interactive Techniques, June 25-27, Bowling Green, Ohio. Contact David L. Fulton, Department of Computer Science, Bowling Green State University, Bowling Green, OH 43403.

INFO/EXPO 75, June 29-July 2, Atlanta, Georgia. Contact M. L. H. Bowden, Programs and Service Director, DPMA International Headquarters, 505 Busse Highway, Park Ridge, IL 60068.

JULY


Workshop on Graph Languages and Algorithms on Graphs, July 2-3, Berlin, West Germany. The aim of the workshop will be to bring together workers from different disciplines whose common interests are graph algorithms and their implementation. For further information contact Prof. Uwe Pape, AEDV—VSH 313, 1 Berlin 10, Otto-Suhr-Allee 18-20.

3rd Intersociety Conference on Transportation, July 14-18, Atlanta, Georgia. Contact R. J. Sylvestre, General Research Corp., P. O. Box 417, Denville, NJ 07834.


Optical Character Recognition Users Association Conference, July 21-23, Boston, Massachusetts. The theme for this conference will be "Centralized and Decentralized Applications." For further information contact T. David McFarland, OCRUA, 505 Busse Highway, Park Ridge, IL 60068.

Special Symposium on Advanced Hybrid Computing, July 23-24, San Francisco, California. The symposium is designed to focus on several recent technological advancements both in hardware and software, which have made possible the development of an Advanced Hybrid Computer System (AHCS). Contact Alric Sauzier, HQ, US Army Materiel Command, Attn: AMCS-IIS, 5001 Eisenhower Ave., Alexandria, VA.

22nd International Meeting of The Institute of Management Sciences, July 23-26, Kyoto, Japan. Contact Julio Bucatinsky, IBM Corporation, 2651 Strang Blvd., Yorktown Heights, NY 10598.

AUGUST

Optical Society of America Meeting, August 4-7, Stanford, California. The purpose of this meeting on 2-D and 3-D reconstructions from projections is to bring together people who have been developing or are interested in mathematical, computational, and optical tools and instruments to reconstruct two- and three-dimensional images from data obtained by projection or line integration. Contact the Optical Society of America, Reconstruction from Projections, 2000 L Street, N.W., Washington, D.C. 20036.

Third Annual Symposium on Simulation of Computer Systems, August 12-14, Boulder, Colorado. For further information contact Prof. Susan L. Solomon, College of Business and Management, University of Maryland, College Park, MD 20742.

1975 Sagamore Computer Conference on Parallel Processing, August 19-22, Sagamore, New York. Contact Prof. T. Feng, Dept. of Electrical and Computer Engineering, 111 Link Hall, Syracuse University, Syracuse, NY 13210.

1975 International Computer Symposium, August 20-22, Taipei, Republic of China. For further information contact Howell S. C. Chou, Chairman-Steering Committee, ICS '75, Box 14-2, Taipei, Taiwan 100, Republic of China.


International Symposium on Uniformly Structured Automata and Logic, August 21-23, Tokyo, Japan. Contact Fred N. Brand, 0/41-10, B/101 Fac. 1, Lockheed Missiles & Space Co., PO Box 504, Sunnyvale, CA 94088.

Continued on page 64
Faculty Position: Oregon State University has a faculty position open at the Assistant Professor level starting in September 1975. Requires Ph.D. in Computer Science or related field with preference given to specialty areas of information system design, retrieval, and organization; operating systems; artificial intelligence; computer graphics. Salary open. Send complete resume to R.A. Short, Dept. of Computer Science, Oregon State University, Corvallis, OR 97331. Oregon State University is an Affirmative Action/Equal Opportunity Employer.

Faculty Positions: Applications are invited for all faculty ranks, Professor, Assistant Professor, and Lecturer in the Interdisciplinary Computer Science Program. The Computer Science Program offers a postgraduate course leading to M. Tech. and Ph.D. degrees. It is a well-established and popular programme and attracts very good students. Qualifications for the position are an excellent academic record with doctorate degree in Computer Science or related area. The candidates must have a strong interest in developing postgraduate and undergraduate courses and meaningful research and development activity. Candidates with teaching and research interests in computer architecture, software engineering, theory of computing, artificial intelligence, computer based information systems design, computer oriented numerical analysis, graph theory and optimization techniques are desired. Persons with a Master's degree and more than two years professional/research experience may also apply. Complete resumes with names of three referees should be submitted by September 15, 1975 to the Convener, Computer Science Program, Indian Institute of Technology, Kanpur-208016, India.

Rates
Minimum charge — $30.00 up to 10 lines, average of six words per line; $3.00 per line thereafter. A $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 Positions in Computer Science: Applications are invited from recent Ph.D. or D.Sc. graduates interested in applying computer science and engineering to the design of asynchronous multiprocessor systems and to the design of high-performance, personal information systems. Excellent teaching and research opportunities in an expanding department. For more information, reply to: Computer Science Department, Washington University, St. Louis, MO 63130. The University is an equal opportunity and affirmative action employer.

Computer Architecture Research: We have an excellent position in our research laboratory for a person with a Ph.D. or equivalent in Computer Science or Computer Engineering, with emphasis on hardware design, and a sound understanding of operating system structures to:
- Investigate techniques for interconnecting LSI microprocessors to achieve the effective computing power of a large computing system.
- Study methods of creating cost-effective techniques for guaranteeing correct operation and continuous availability of the system.
- Determine desirable characteristics of a microprocessor that is to be utilized in the above environments.

Please send resume to Janet Porretti, Personnel Officer, SPERRY RESEARCH CENTER 100 North Road Sudbury, Massachusetts 01776 Equal Opportunity Employer

Second USA-Japan Computer Conference, August 26-28, Tokyo, Japan. Contact Robert V. Spelieri, Memorex Corp., San Tomas at Central Expressway, Santa Clara, CA 95052.

SEPTEMBER

IFIP Second World Conference on Computers in Education, September 1-5, Marseille, France. This conference aims to bring together people concerned with the many possible roles of information technology in education; a significant part of the program will focus on the variety of data processing techniques used in the teaching of different disciplines. Contact AFIPS, 210 Summit Avenue, Montvale, NJ 07645.

First European Solid State Circuits Conference, September 2-5, Canterbury, England. The aim of this conference will be to provide a European forum for the presentation and discussion of recent advances in solid state circuits. For further information contact the IEEE Conference Department, Savoy Place, London WC2R OBL.

Workshop on Computer Hardware Description Language and Their Applications, September 3-5, New York, New York. This conference is jointly sponsored by the ACM SIGDA and SIGARCH, and the IEEE Computer Society. For further information, contact Prof. Stephen Y. H. Su, Dept. of Elec. Engr., The City College, City University of New York, New York, NY 10031.

European Solid State Device Research Conference, September 8-12, Grenoble, France. This conference will include sessions on device physics, and the theory and technology of individual devices. Contact IEE Conference Department, Savoy Place, London WC2R OBL.

7th IFIP Conference, September 8-14, Nice, France. The aim of the conference is to present recent advances in theory and practical applications in the broad area of system modeling and optimization. For further information, contact the 7th IFIP Conference, Parc Valrose, 06034 NICE CEDEX, France.

COMPCON 75 Fall, September 9-11, Washington, D. C. Eleventh Annual IEEE Computer Society Conference has a theme of major interest—"How to Make Computers Easier to Use." An extensive program, covering the three disciplines of system, software, and hardware design, will allow designers and users to exchange views, consider solutions, and develop new approaches. Contact COMPCON 75 Fall, PO Box 639, Silver Spring, MD 20901.
Short Courses

Control Valve Sizing, Selection and Specifications: Electrical Safety in Hazardous Locations; Automatic Control of Processes; Minicomputer Systems, Programming and Applications; Acceptance Testing of Industrial Digital Process Computers; Computer Process Control; and Microcomputer Applications for Process Control, April 24-27, Montreal, Canada. A short course program featuring seven intensive courses, held in conjunction with the ISA 1975 Spring Joint Conference. Registration fee for each course is $125 for ISA or AIChE members, $150 for non-members.

Wescon 75, September 16-19, San Francisco, California. The conference will stress important trends in technology, applications of new hardware and software to major tasks, needs for new devices and systems, problems and opportunities in engineering development, new product development, and new patterns in high-technology marketing. Contact Alan Mitchell, Hewlett-Packard Co., Data Systems Division, 1100 Wolf Road, Cupertino, CA 95054.

Communications and Networks, and Interactive Systems and CAD, September 23-25, Uxbridge, England. These conferences, held concurrently, will include lecture presentations and demonstrations of relevant hardware, software, and systems. Contact ONLINE, Brunel University, Uxbridge, Middlesex, England.

Application of Optical Instrumentation in Medicine, IV, September 25-27, Atlanta, Georgia. This meeting of the Society of Photo-Optical Instrumentation Engineers and the Society of Photographic Scientists and Engineers will provide a forum for ongoing interchange of ideas and capabilities among physicians, physicists, engineers, and manufacturers. The program will cover selected diagnostic medical procedures including intensifying screens, improved applications of photo-sensitive materials to diagnostic radiology, and transmission and emission computerized axial tomography. Contact the Technical Programs Committee, SPIE National Offices, PO Box 1146, Palos Verdes Estates, CA 90274.

Fourth International Symposium on Engine Testing Automation, September 29-October 3, Naples, Italy. This symposium will cover all aspects of engine and emission testing automation, including instrumentation, control, and computer-aided design, predictive maintenance, and computer automation. For further information contact the Secretariat, ISETA, 62 High Street, Croydon, CRO 1Na.

April 1975

Dr. W. M. Lively, Computing Science Division of Industrial Engineering, Texas A&M University, College Station, TX 77843; (713) 845-4211.

Numerical Methods in Engineering Analysis and Design, June 2-6. Dr. W. Kinner, Dept. of Electrical Engineering, McMaster University, Hamilton, Ontario, Canada, L8S 4L7; (416) 525-9140, x-4305.

Fundamentals and Applications of Minicomputers, June 2-6. Mrs. Audrey Savage, CIID - Kingsbury Hall, University of New Hampshire, Durham, NH 03824; (603) 862-2460.


Dr. R. W. Elliott, Industrial Engineering Dept., Texas A&M University, College Station, TX 77843; (713) 845-5531.

Willis F. Long, Program Director, Dept. of Engineering, University of Wisconsin Extension, 432 North Lake Street, Madison WI 53706.

Information Retrieval and Dynamic Library Processing, June 23-27.
Director of Continuing Education, College of Engineering, Cornell University, Upson Hall, Ithaca, NY 14853; (607) 256-5088.


Continuing Engineering Education, 300 Chrysler Center-North Campus, The University of Michigan, Ann Arbor, MI 48105.

Modern Control Theory Methods for Deterministic Systems, July 28-August 1.

Modern Control Theory Methods for Stochastic Systems, August 4-8.

Prof. James Austin, Director, Summer Sessions Program, Room E19-356, MIT, Cambridge, MA 02139.