**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. 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.

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**JUNE 1976**

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.

MMM-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.

ACM/NBS Technical Symposium, June 17, Gaithersburg, Maryland. For information contact Dr. Robert S. Butler, National Bureau of Standards, Washington, D. C. 20234; (301) 921-3485.


Computer Society Curricula Workshop, June 21-23, Bloomington-Normal, Illinois. College teachers of computer science and engineering will discuss implementation of the materials being developed by the Model Curricula Subcommittee. For further information contact Dr. David Rine, West Virginia University, Morgantown, WV 26506; (304) 293-3196.


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 88063, Tukwila Branch, Seattle, WA 98188.

EDP Auditing—A New Revolution, June 24-25, Bloomington, Minnesota. Contact EDP Auditors Association, Inc., P. O. Box 2154, Loop Station, Minneapolis, MN 55402.

Computer Society Curricula Workshop, June 21-23, Bloomington-Normal, Illinois. College teachers of computer science and engineering will discuss implementation of the materials being developed by the Model Curricula Subcommittee. For further information contact Dr. David Rine, West Virginia University, Morgantown, WV 26506; (304) 293-3196.

13th Design Automation Conference, June 28-30, San Francisco, California. For information contact A. J. Humphke, 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.

ISA Symposium on Computer Interface Instrumentation, June 30-July 2, New-

DISE Workshop on Microprocessors and Education, August 16-18, Fort Collins, Colorado. Contact Dr. Yaohan Chu, Program Chairman, Dept. of Computer Science, University of Maryland, College Park, MD 20742.

SPIE's 20th Anniversary Technical Symposium, August 23-27, San Diego, California. Contact the Society of Photo-Optical Instrumentation Engineers, National Offices, 338 Tejon Place, P.O. Box 1146, Palos Verdes Estates, CA 90274.

1976 International Conference on Parallel Processing, August 24-27, Woodlands Conference Center, Detroit, Michigan. Contact Dr. Charles S. Elliott, College of Engineering, Wayne State University, Detroit, MI 48202; (313) 577-3861.

URISA SIG International Workshop on Information Technologies for Development, August 27-29, Peachtree Hotel, Atlanta, Georgia. Contact SIG International chairman, c/o MFOA 1313 E. 60th St., Chicago, IL 60637.

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

MFCS '76, September 6-10, Gdansk, Poland. For information on the Fifth International Symposium on Mathematical Foundations of Computer Science, contact the Computation Centre, Polish Academy of Sciences, P. O. Box 22, 00-901 Warsaw PKIN.

European Conference on Circuit Theory and Design, September 7-10, Genova, Italy. Contact Giuseppe Biorci, Istituto di Elettrotecnica, Viale F. Causa 13, 16145 Genova, Italy.

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

1976 Arrowhead Workshop, September 8-10, UCLA Conference Center, Lake Arrowhead, California. Focus will be on reliability of integrated software/hardware computer systems and techniques for improving, measuring, and evaluating reliable computer architectures. Contact Dr. Ragnar N. Nilsen, Hughes Aircraft Co., Bldg. 262/B69, 8433 Fallbrook Ave., Canoga Park, CA 91304.

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


Distributed Data Processing Seminar, September 13-17, Santiago de Compostela, Spain. For more information, contact Sr. Busta J. M., Director del Centro de Calculo, Barrie de las Maiza, Universidad Santiago de Compostela, Spain.

Wescon 76, September 14-17, Los Angeles, California. For information on the Western Electronic Show and Convention, contact William C. Weber, Jr., WESCON Gen. Mgr., 999 N. Sepulveda Blvd., El Segundo, CA 90245; (213) 772-2965.


Convention Informatique, September 20-24, Paris, France. For information write to Convention Informatique, 6, place de Vaiols, 75001 Paris, France.

Conference on Data Privacy and Data Security, September 21-23, University of Linz, Austria. Contact "Datenschutz und Datenverarbeitung," z.H. Herrn Dr. Roland Traunmueller, Institut fur Statistik u. Informatik, Universitat Linz, 4045 Linz/Auhof.

APL 76, September 22-24, Ottawa, Canada. 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. Contact Secretariat, ISATA, 62 High Street, Croydon CRO INA, England.


Canadian Computer Show, September 28-30, Montreal, Canada. For information on the conference and show, sponsored by the Canadian Information Processing Society, contact Canadian Computer Show, 481 University Ave., Toronto, Canada M5W 1A7.

IMC '76 & Data-Kontor '76, September 28-October 1, Stockholm, Sweden. Contact Radley Communications Ltd., 509 Madison Ave., New York, NY 10022; (212) 838-9215.

14th Annual Allerton Conference on Circuit and System Theory, September 29-October 1, University of Illinois' Allerton House, near Monticello, Illinois. Contact Prof. T.N. Trick, Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, Urbana, IL 61801; (217) 333-0943.

OCTOBER 1976

Second International Workshop on Computer System Modeling and Performance Evaluation, October 4-6, Stresa, Italy. Contact R. R. Muntz, Computer Science Dept., UCLA, Los Angeles, CA 90024.

Third European Electro-Optics Conference and Exhibition, October 5-8, Geneva, Switzerland. Contact A. D. Little Associates, EO 70 Steering Committee, 90 Champs Elysees, F 75008 Paris, France.

Computers in Cardiology, October 7-9, St. Louis, Missouri. Contact Computers in Cardiology, P.O. Box 639, Silver Spring, MD 20901; (301) 439-7007.

1976 Congress of the International Astronautical Federation, October 10-16, Anaheim, California. Contact the chairman, Dr. George E. Mueller, System Development Corporation, 2500 Colorado, Santa Monica, CA 90404.

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 symposium organized by the European Association for Microprocessing and Microprogramming, contact Rodnay Zaks, Conference Chairman, Univ. de Compiégne, B.P. 233, 60206 Compiégne, 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.


Workshop on Human Engineering Aspects in Design Automation Systems, October 13-15, Michigan State University, East Lansing, Michigan. Sessions on interactive DA systems, user-oriented design languages, manufacturability, testability, maintainability, automatic documentation generation, and user experience/feedback. Contact Edward A. Vrablik, Digital Equipment Corp., Mailstop ML/2E24, 146 Main St., Maynard, MA 01754; (617) 897-5111, x4931.


Fifth Texas Conference on Computing Systems, October 18-19, Austin, Texas. Conference topics will include data base systems, operating systems, computer system architecture, programming languages and techniques, and remote computing. Contact Prof. James L. Peterson, Dept. of Computer Sciences, University of Texas, Austin, TX 78712.

IX National Data Processing Congress and II Latin American Seminar of Data Communication, October 18-22, Rio de Janeiro, Brazil. For information contact Raul Isiris, General Secretary-SUCESU, Rua do Resende, 37-60, Rio de Janeiro-RJ, Brazil.

International Conference on Electronics-Micromechanics Interactions, October 19-21, Lausanne, Switzerland. Contact Secretariat of "Journees d'electronique" EPFL, Bellerive 16, 1007 Lausanne, Switzerland.

1976 Semiconductor Test Symposium, October 19-21, Cherry Hill, New Jersey. The theme of the 1976 meeting will be "Does Testing Impose a Limit to the Growth of LSIs?" Contact Alfred Zacharias, Bell Labs, Murray Hill, NJ 07974.

Mini/Micro Computer and Conference, October 19-21, San Francisco, California. Contact Robert D. Rankin, Rankin Exposition Management, 5544 E. La Palma Ave., Anaheim, CA 92807; (714) 528-2400.

SEMICON/Europe '76, October 19-21, Zurich, Switzerland. Contact Golden Gate Enterprises, Inc., 1333 Lawrence Expressway, Santa Clara, CA 95051; (408) 241-7400.

INFO/EXPO '76, October 24-27, Las Vegas, Nevada. For information on DPMAs' 25th International Data Processing Conference and Business Exposition, contact DPMAs International Headquarters, 505 Busse Hwy., Park Ridge, IL 60068; (312) 825-8124.


17th Annual Symposium on Foundations of Computer Science, October 25-27, Houston, Texas. Formerly called the Annual Symposium on Switching and Automata Theory, this meeting is sponsored by the Computer Society's Technical Committee on Mathematical Foundations of Computing, in cooperation with the ACM Special Interest Group on Automata and Computability Theory, Rice University, and the University of Houston. Contact Jack Carlyle, Dept. of Electrical Engineering, UCLA, Los Angeles, CA 90024; (213) 825-3340.

NOVEMBER 1976


Engineering in Medicine and Biology Conference, November 6-10, Boston, Massachusetts. Contact AEMB, Suite 1350, 5454 Wisconsin Ave., Chevy Chase, MD 20015.

Third International Joint Conference on Pattern Recognition, November 8-11, 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.


International Purdue Workshop on Industrial Computer Systems, Fourth Annual International Meeting, November 8-11, Purdue University, West Lafayette, Indiana. Guidelines and standards for industrial digital computer systems will be covered. Contact Dr. T.J. Williams, 102 Michael Golden, Purdue University, West Lafayette, IN 47907; (317) 494-8425.


Engineering in Medicine and Biology Conference, November 10-13, Boston, Massachusetts. Contact AEMB, 5454 Wisconsin Ave., Suite 1350, Chevy Chase, MD 20015.

International Congress on Computing in Medicine, November 24-26, Berlin, Germany. For information on Medcomp '76, contact Online, Brunel University, Uxbridge, Middlesex, England.


ACM SIGMAP/NBS Bicentennial Conference on Mathematical Programming, November 29-December 1, Gaithersburg, Maryland. Contact Dr. Harvey J. Greenberg, general chairman, VPI & SU, 11440 Isaac Newton Square North, Reston, VA 22090; (703) 471-4609.

DECEMBER 1976

Winter Simulation Conference, December 6-8, National Bureau of Standards, Gaithersburg, Maryland. Bicentennial digital simulation conference dealing with applications, languages, educational programs, and related problems in simulation. Contact Dr. Harold Joseph Highland, Data Processing Department, State University Technical College, Farmingdale, NY 11735; (516) 420-2190.

Computing and People '76, December 20-22, Leicester, England. Contact Judith Loakes, School of Mathematics, Computing and Statistics, Leicester Polytechnic, P.O. Box 143, Leicester LE1 9BH; 0533 50181, x2621.

1977 Conferences


COMPCON Spring '77, February 22-25, San Francisco, California. Contact COMPCON Spring 77, P. O. Box 639, Silver Spring, MD 20901.

Tenth Annual Simulation Symposium, March 15-18, Tampa, Florida. For further information write Ira Kay, P.O. Box 22573, Tampa, FL 33622; (813) 839-5201.

SCS Conference on Transportation, April 19-21, Ann Arbor, Michigan. Contact Dr. James Bernard, University of Michigan, Highway Safety and Research Institute, Huron Parkway and Baxter, Ann Arbor, MI 48105.

1977 IEEE Workshop on Picture Data Description and Management, April 21-22, University of Illinois, Chicago, Illinois. Contact Prof. S.K. Chang, University of Illinois, Department of Information Engineering, Box 4346, Chicago, IL 60680; (312) 996-3423.

Circuits and Systems International Symposium, April 25-27, Phoenix, Arizona. Contact W.G. Howard, Motorola Integrated Circuits Center, MS/MR, P.O. Box 20906, Phoenix, AZ 85306.

EUROCON 77, European Conference on Electrotechnics, May 3-6, Venice, Italy. Organized by the IEEE Region 8 and the Convention of National Societies of Electrical Engineers of Western Europe. Contact the EUROCON 77 Office, c/o AEI, Viale Monza 259, 20126 Milan, Italy.


Power Industry Computer Applications (PICA), May 24-26, Royal York, Toronto, Ontario, Canada. Contact L.M. Gordon, 24 Wilmington Road, Islington, Ontario, M9A 3R8, Canada.


Symposium on Minicomputers and Large-Scale Computations, May 29-June 2, Joint Conference of the American Chemical Society and the Chemical Institute of Canada, Montreal, Canada. Contact Prof. Peter Lykos, Illinois Institute of Technology, Chicago, IL 60616; (312) 567-3430.


NCC, June 13-16, Dallas, Texas. For information on the 1977 National Computer Conference, contact Dr. Portia Isaacson, University of Texas, P. O. Box 688, Richardson, TX 75080.

IFIP Congress 77, August 8-12, Toronto, Canada. Contact IFIP Exhibition 77, Canadian Information Processing Society, 212 King St. West, Suite 501, Toronto, Ontario, Canada M5H 1K5.

Classified Ads

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.

Arya-Mehr University of Technology Tehran, Iran. Faculty Positions in Computer Science: Applications are invited from Farsi-speaking specialists in all areas of computer science, especially computer architecture, computer communications, computer theory, and commercial applications. Currently, a master's program and a minor in computer science for mathematics majors are offered, but an undergraduate program is under consideration. We have excellent computer and laboratory facilities. Also, temporary appointments are available for highly qualified individuals, with no requirement for speaking Farsi. Please send a brief resume to: Prof. M. Mavaddat, Chairman, Dept. of Mathematics and Computer Science, AMUT, P.O. Box 3406 Tehran, Iran. Detailed information will be sent by return mail.

Faculty Positions: Applications are invited for faculty positions in electrical engineering from qualified individuals who have a strong commitment to teaching and research. Qualifications include an outstanding academic record, significant involvement with a truly contributive research activity and a doctorate in electrical engineering. Areas of research specialization are not restricted. However, computer engineering is an area of preference. Resumes should be directed to School of Electrical Engineering, Purdue University, West Lafayette, IN 47907. Purdue University is an equal access/equal opportunity employer.