September 1982

Sixth International Conference on Software Engineering, September 13-16, Tokyo, Japan. Contact Sixth International Conference on Software Engineering, PO Box 638, Silver Spring, MD 20901; (301) 589-3386. A software tools fair will be held in conjunction with the conference. For information on exhibiting tools contact Kouchi Kishida, Software Research Associates, Inc., 1-1-1 Hirakawa-cho, Chiyoda-ku, Tokyo 102, Japan.

Westcon and Mini/Micro 82 (IEEE et al.), September 14-16, Anaheim, California. Contact Electronic Conventions, Inc., 999 North Sepulveda Blvd., El Segundo, CA 90245; (213) 772-2965.


Commpcon Fall 82, September 20-23, Washington, DC. Contact Commpcon Fall 82, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.


Compmed 82, September 22, Philadelphia, Pennsylvania. Contact Dr. Michael Negin, Dept. of Computer and Information Sciences, Temple University, Philadelphia, PA 19122.

Medcomp 82, International Conference on Medical Computer Science/Computational Medicine, September 23-25, Philadelphia, Pennsylvania. Contact Dr. Judith M. S. Prestwitt, National Institutes of Health, DCRT, Bldg. 12A, Room 2055, Bethesda, MD 20205; (301) 496-1247.

October 1982

11th Workshop on Applied Imagery Pattern Recognition, September 27-29, College Park, Maryland. (Tutorial: September 27; Workshop: September 28-29) Contact Bruce Schachter, AIPR Program Committee, Westinghouse Electric Corp., Box 748, MS 440, Baltimore, MD 21203; (301) 765-6393.


Federal Computer Conference, September 28-30, Washington, DC. Contact Federal Education Programs, PO Box 368, Wayland, MA 01778; (617) 358-5181.

IEEE 1982 International Conference on Circuits and Computers (ICCC), September 29-October 1, New York, New York. Contact Dr. John Golombeski, Bell Telephone Laboratories, Rm. 3E-217, Holmdel, NJ 07733; (201) 549-4974.

October Workshops

VLSI and Software Engineering Workshop, October 4-6, Port Chester, New York. Contact J. A. Rader, 737 W. 33rd St., Los Angeles, CA 90045.

AdaTec Tutorial and Conference on Ada, October 4-8, Arlington, Virginia. (Tutorial: October 4-5; Conference: October 6-8) Contact Anthony Gargare, Computer Sciences Corp., 304 West Route 36, Moorestown, NJ 08057; (609) 234-1100, ext. 2260.


Sococo 82, Third IFAC/FIP Symposium on Software for Computer Control, October 5-8, Madrid, Spain. Contact Sococo 82, E.T.S. Ingenieros Industriales, Castellana, 84, Madrid-6, Spain.

Design Automation Workshop, October 6-8, East Lansing, Michigan. Contact Design Automation Workshop, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

Workshop on Automotive Applications of Microprocessors, October 7-8, Dearborn, Michigan. Contact Patrick P. Fassang, Siemens Corporation, Corporation Research & Technology, PO Box 5031, Cherry Hill, NJ 08034.


Large Scale Systems Symposium, October 11-13, Virginia Beach, Virginia. Contact Dr. Stephen J. Kahne, National Science Foundation, Division of Elect. Comp. and Systems Engineering, 1800 G St. NW, Washington, DC 20550.

Seventh Conference on Local Computer Networks, October 11-13, Minneapolis, Minnesota. (Tutorials: October 11; Conference: October 12-13) Contact Harvey A. Freeman, Architecture Technology Corp., PO Box 24344, Minneapolis, MN 55424.

Safe Comp 82 Workshop (IEEE et al.), October 11-14, West Lafayette, Indiana. Contact Roy W. Yunker, PPG Industries, One Gateway Center, Pittsburgh, PA 15222.


Tutorial on Computer Networks, October 16, Stanford, California. Contact Computer Society Chapter of Stanford University, PO Box 2364, Stanford, CA 94305; (415) 326-5397.

Milcom 82, 1982 IEEE Military Communications Conference, October 17-20, Boston, Massachusetts. Contact Charles Woods, Milcom 82, PO Box 206, Bedford, MA 01730; (617) 271-2609.

Continued on p. 147.
IEEE Transactions on Pattern Analysis and Machine Intelligence will publish a special issue on industrial applications of machine vision. Papers should describe work in applications, such as automatic visual inspection and process control. Major topics of the issue include illumination, optics and imaging, special purpose hardware, modeling, and algorithms. Papers describing novel vision systems currently applied to industrial tasks are especially welcome. Send four copies of paper by October 31, 1982, to John F. Jarvis, Room 4E810, Bell Laboratories, Holmdel, NJ 07733.


13th International Symposium on Multiple-Valued Logic: May 23-25, 1983, Tokyo, Japan. Send four copies of an original survey, tutorial, or research paper (20-page maximum) and a 50- to 100-word abstract by November 1, 1982, to (North and South American authors) K. Wayne Current, Dept. of Electrical Engineering, University of California, Davis, Davis, CA 95616; (European authors) Stanley L. Hurst, School of Electrical Engineering, University of Bath, Bath, England BA2 7AY; and (all others) Tatsuo Higuchi, Dept. of Electronic Engineering, Tohoku University, Sendai 980, Japan.

Optical Mass Data Storage: June 6-10, 1983, Arlington, Virginia. Abstract is due November 8, 1982. For more information and author's application, contact SPIE, PO Box 19, Bellingham, WA 98227; (206) 676-3290.


The Journal of Digital Systems will publish a special issue on channel routing in November 1983. Submit papers by December 1, 1982, to Dr. Ernest S. Kuh, TD01, EE and Computer Science Dept., University of California, Berkeley, CA 94720.

Third Scandinavian Conference on Image Analysis: July 12-14, 1983, Copenhagen, Denmark. Send three copies of a three-page abstract by December 1, 1982, to Prof. Peter Johansen, Institute of Computer Science, University of Copenhagen, Sigrudsgade 41, DK-2200, Copenhagen, Denmark.

PACS II, Picture Archiving and Communication Systems for Medical Applications: May 22-25, 1983, Kansas City, Missouri. Abstracts are due December 6, 1982. Request author application form from SPIE/PACS II Program Committee, PO Box 10, Bellingham, WA 98227; (206) 676-3290.


Third International Conference on Entity Relationship Approach: October 6-8, 1983, Anaheim, California. Submit five copies of manuscript by February 15, 1983, to Prof. Peter A. Ng, Dept. of Computer Science, University of Missouri-Columbia, Columbia, MO 65211; (314) 882-4540 or 3842.

November 1982

Fourth Symposium on Automation Technology in Engineering Data Handling, November 3-5, Monterey, California. Contact Prof. Peter C. C. Wang, Code 53Wg, Mathematics and National Security Affairs, Naval Postgraduate School, Monterey, CA 93940.

23rd Annual Symposium on Foundations of Computer Science, November 3-5, Chicago, Illinois. Contact Prof. P. R. Young, Dept. of Computer Sciences, Purdue University, West Lafayette, IN 47907.

Annual Workshop on Computing to Aid the Handicapped, November 4-5, Charlottesville, Virginia. Contact Dr. J. H. Aylor, University of Virginia, Thornton Hall, Dept. of EE, Charlottesville, VA 22901; (804) 924-3042.


Compacs 82, The IEEE Computer Society's Sixth International Computer Software and Applications Conference, November 8-12, Chicago, Illinois. (Tutorials: November 8-9; Conference and Exhibition: November 10-12) Contact Compacs 82, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

Seminar on Improving Availability of Hardware-Software Systems, November 13, Redondo Beach, California. Contact Dr. Peter Bright, Aerospace Corp., MS M5699, PO Box 92957, Los Angeles, CA 90009; (213) 648-5206.


International Test Conference, Cherry Hill, November 18-21, Philadelphia, Pennsylvania. Contact Doris Thomas, PO Box 371, Cedar Knolls, NJ 07927; (201) 267-7120.

Midcon 82 (IEEE et al.), November 30-December 2, Dallas, Texas. Contact Electronic Conventions, Inc., 999 North Sepulveda Blvd., El Segundo, CA 90240; (213) 772-2965.

International Workshop on High-Level Language Compilers for Architecture, November 30-December 3, Ft. Lauderdale, Florida. (Tutorial: November 30; Workshop: December 1-3) Contact Dr. Yoachim Chu, Dept. of Computer Science, University of Maryland, College Park, MD 20742; (301) 454-4245. (Originally scheduled for May 24-28.)

December 1982

Tencon 82, VLSI and Microcomputers: Today and Tomorrow, December 6-8, Hong Kong. Contact S. Y. King, Dept. of EE, University of Hong Kong, Hong Kong.


Tutorials West 82, December 6-10, San Diego, California. Contact Robert M. Long, L-72, Lawrence Livermore National Laboratory, PO Box 808, Livermore, CA 94550 (415) 422-4339.

1982 Real-Time Systems Symposium, December 7-9, Los Angeles, California. Contact Dr. Earl E. Swartzlander, Defense and Space Systems Group of the University of California, 7720 Governors Dr. West, Huntsville, AL 35805; (205) 837-3950.

1982 Computer Networking Symposium, December 9-10, Gaithersburg, Maryland. (Tutorials: December 9; Symposium: December 10) Contact Dr. Tom McKee, ConTel Info Systems, 301 Tower Blvd., Vienna, VA 22180.

Third International Conference on Information Systems, December 13-15, Ann Arbor, Michigan. Contact Carol J. Dunn, The University of Michigan, Graduate School of Business Administration, Ann Arbor, MI 48105; (313) 763-1100.

ICS, 82, International Computer Symposium (IEEE et al.), December 15-17, Taichung, Taiwan. Contact President Yung-Ming Liao, Feng Chia University, Taichung, Taiwan, 400, Republic of China, or Prof. S. S. Yau, Dept. of EE and Computer Science, Northwestern University, Evanston, IL 60201.


January 1983

HICSS-16, 16th Annual Hawaii International Conference on System Sciences, January 5-7, Honolulu, Hawaii. Contact Dr. Bruce Shriver, Computer Science Dept., University of Southern California, PO Box 44330, Lafayette, LA 70504.

Optical Storage of Digital Data, January 17-20, Lake Tahoe, California. Contact Chuck Batishko, SPIE, PO Box 10, Bellingham, WA 98227.

SPIE's Los Angeles 83 Technical Symposium and Instrument Exhibit, January 17-21, Los Angeles, California. Contact SPIE/LA 83 Program Committee, PO Box 10, Bellingham, WA 98227; (206) 676-3290.

Southcon 83 (IEEE et al.), January 18-20, Atlanta, Georgia. Contact Electronic Conferences, Inc., 999 North Sepulveda Blvd., El Segundo, CA 90245; (213) 772-2965.

10th Annual ACM Sigact-Sigplan Symposium on Principles of Programming Languages, January 24-26, Austin, Texas. Contact Allen Emerson, Dept. of Computer Science, University of Texas, Austin, TX 78712; (512) 471-7316.

SCS Multi-Conference, January 27-29, San Diego, California. Contact SCS, PO Box 2228, La Jolla, CA 92038.

February 1983

Conference on Applied Natural Language Processing, February 1-3, Santa Monica, California. Contact Beatrice Oshika MD 72-27, System Development Corp., 2500 Colorado Ave., Santa Monica, CA 90406.


March 1983


International Computer Color Graphics Conference, March 10-12, Tallahassee, Florida. Contact Dr. Jack Taylor, ICCGG Program Committee, Center for Music Research, Florida State University, Tallahassee, FL 32306.


Second ACM Sigact-Sigmod Symposium on Principles of Data Base Systems, March 28-30, Atlanta, Georgia. Contact Dr. Ronald Fagin, IBM Research, 5600 Cottle Rd., San Jose, CA 95193.

Symposium on Computer Systems Organization, March 29-31, New Orleans, Louisiana. Contact Dr. Bruce D. Shriver, USL Box 4330, Lafayette, LA 70504; (318) 231-6284.

International Symposium on VLSI Technology, Systems and Applications, March 31-April 1, Taipei, Taiwan. Republic of China. Contact Dr. H. N. Yu, IBM, 7-1 Watson Research Center, PO Box 218, Yorktown Hts., NY 10598.
April 1983

Tutorial Week East 83, April 4-8, Orlando, Florida. Contact Tutorial Week East 83, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.


1983 International Optical Computing Conference, April 6-8, Cambridge, Massachusetts. Contact S. Horvitz, PO Box 276, Waterford, CT 06385; (203) 447-4270.


1983 IEEE International Conference on Acoustics, Speech and Signal Processing, April 14-18, Boston, Massachusetts. Contact Richard Kurth, Sperry Research Center, 100 North Rd., Sudbury, MA 01776; (617) 369-4000, ext. 306.

Tutorial Week Europe 83: IEEE Tutorials on Computers in Industry, April 15-20, Hanover, Germany. Contact Tutorial Week Europe 83, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

IEEE Infocom 83, April 17-22, San Diego, California. Contact IEEE Infocom 83, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

Fifth International Conference on Computer Capacity Management, April 18-21, New Orleans, Louisiana. Contact Dr. Armond Inselberg, Institute for Software Engineering, 510 Oakmead Parkway, Sunnyvale, CA 94086; (408) 749-0133.

SPIE International Technical Symposium, April 18-22, Geneva, Switzerland. Contact Joseph Yaver, SPIE, PO Box 10, Bellingham, WA 98227.


1983 Conference on Artificial Intelligence, April 26-27, Rochester, Michigan. Contact Prof. Nan K. Loh, Center for Robotics and Advanced Automation, School of Engineering, Oakland University, Rochester, MI 48036.

Satellite and Computer Communications Conference, April 28-29, Versailles, France. Contact Jacques-Louis Lions, INRIA, Domaine de Voluceau, Rocquencourt, B.P. 105 - 78153, Le Chesnay, Cedex, France; tel. (3) 954 9020.

May 1983

Association for Educational Data Systems 21st Annual Convention, May 8-13, Portland, Oregon. Contact AEDS, 1201 16th St. NW, Washington, DC 20036; (202) 822-7845.

Graphics Interface 83, May 9-13, Edmonton, Canada. Contact Graphics Interface 83, CIPS Edmonton, PO Box 1981, Edmonton, Alberta, Canada T5J 2P3; (403) 427-9416.

Northcon 83 (IEEE et al.), May 10-12, Portland, Oregon. Contact Electronic Conferences, Inc., 999 North Sepulveda Blvd., El Segundo, CA 90245; (213) 772-2965.


PACS II, Picture Archiving and Communication Systems for Medical Applications, May 22-25, Kansas City, Missouri. Contact SPIE, PO Box 10, Bellingham, WA 98227; (206) 676-3290.

Sixth International Symposium on Computer Hardware Description Languages and Their Applications, May 23-25, Pittsburgh, Pennsylvania. Contact Takeo Uehara, Information Processing Laboratory, Fujitsu Laboratories LTD., 1014 Kawasaki, Japan 211 or Mario Barbacci, Dept. of Computer Science, Carnegie-Mellon University, Pittsburgh, PA 15213.

13th International Symposium on Multi-Valued Logic, May 23-25, Kyoto, Japan. In Japan contact Tadahiro Kihashi, School of Information and Computer Science, Toyo-Dai University of Technology, Toyo-dai, Japan; or in the US contact Jon T. Butler, Northwestern University, Dept. of EECS, Evanston, IL 60201; (312) 492-5626.


June 1983

National Educational Computer Conference, June 6-8, Baltimore Maryland. Contact NECC, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

Optical Mass Data Storage, June 6-10, Arlington, Virginia. Contact SPIE, PO Box 10, Bellingham, WA 98227; (206) 676-3290.


Sixth International Symposium on Computer Arithmetic, June 20-22, Aarhus, Denmark. Contact Prof. T.R.N. Rao, USL, Box 44330, Lafayette, LA 70504.


July 1983

1983 Summer Simulation Conference, July 11-13, Vancouver, Canada. Contact Dr. Stewart Schlesinger, The Aerospace Corp., PO Box 92957, Los Angeles, CA 90009; (213) 648-6020.

Third Scandinavian Conference on Image Analysis, July 12-14, Copenhagen, Denmark. Contact Dr. Peter Becker, TSCIA, Poste Restante, Lyngby 7, DK-2800, Lyngby, Denmark.

August 1983


September 1983

ASME 1983 Design Automation Conference, September 12-14, Dearborn, Michigan. (Not to be confused with the IEEE Computer Society/ACM Annual Design Automation Conference.) Contact Prof. Glen E. Johnson, Box 8-B, Vanderbilt University, Nashville, TN 37235; (615) 322-6414.

Eusipco 83, Second European Signal Processing Conference, September 12-16, Erlangen, West Germany. Contact Prof. Mrs. U. Arnold, Lehrstuhl fuer Nachrichtentechnik, Universitaet Erlangen-Nuernberg, Cauerstra?e 7, D-8520 Erlangen, West Germany; phone (0 911 31) 85 71 00; telex, TFFRL 6 29 755.