Conferences and courses sponsored or co-sponsored by the Computer Society are indicated by the IEEE Computer Society logo; other conferences and courses of interest are included. For listing in the Professional Calendar, submit information six weeks before the month of publication—e.g., for the March issue, send information for receipt by January 15; allow at least two months between month of publication and course or seminar date. Send to IEEE Computer Graphics and Applications, Professional Calendar, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

### January 1984

**HICSS-17, Hawaii International Conference on System Sciences, January 4-6, Honolulu, Hawaii.** Contact Bruce Shriver, Computer Science Dept., University of Southwestern Louisiana, PO Box 44330, Lafayette, LA 70504; (313) 264-6606.

**Computers in Art, Design, Research, and Education (CADRE) 84, January 8-11, Santa Clara, California.** Contact Marcia Chamberlain, CADRE Project Director, Professor of Art, San Jose State University, One Washington Sq., San Jose, CA 95192-0089; (408) 277-2542 or 866-6430.

**SPIE’s Los Angeles 84 Technical Symposium and Instrument Exhibit, January 22-27, Los Angeles, California.** Contact the Society of Photo-Optical Instrumentation Engineers, PO Box 10, Bellingham, WA 98227; (206) 676-3290.

**Computer Graphics (short course), January 24-27, Boston, Massachusetts.** Contact Ruth Dordick, Integrated Computer Systems, 6305 Arizona Pl., Los Angeles, CA 90045; (213) 417-8888.

### February 1984

**Cadcon West 84, February 7-9, San Francisco, California.** Contact Morgan-Grampan Expositions Group, Two Park Ave., New York, NY 10016-5667; (212) 340-9780.

### March 1984

**SPIE Santa Clara Conference on Micro lithography, March 11-16, Santa Clara, California.** Contact Society of Photo-Optical Instrumentation Engineers, PO Box 10, Bellingham, WA 98227; (206) 676-3290.


**ACM 1984 Computer Science Conference and SIGCS Technical Symposium, February 14-16 and February 17-18, Philadelphia, Pennsylvania.** For information on the 1984 ACM CSC, contact Aaron Beller, Computer and Information Science Dept., Temple University, Philadelphia, PA 19122. For information on the Symposium on Computer Science Education, contact Richard H. Austing, Dept. of Computer Science, University of Maryland, College Park, MD 20742.

**APAC 84, Arabian Productivity Advancement Using Computers/Graphics, February 20-23, Riyadh, Saudi Arabia.** Contact APAC 84 Conference Director, World Computer Graphics Association, 2033 M St. NW, Suite 399, Washington, DC 20036; (202) 775-9556; Telex APAC 248301 RCAA UR.

**Medicine XII, Medical Image Processing, Display, and Archiving, February 26-29, San Diego, California.** Contact Society of Photo-Optical Instrumentation Engineers, PO Box 10, Bellingham, WA 98227; (206) 676-3290.

**Comcon Spring 84: Intellectual Leverage—The Driving Technologies, February 27-March 1, San Francisco, California.** (Tutorials: February 27; Conference: February 28-March 1.) Contact John Wakerly, Computer Systems Lab, Stanford University, Stanford, CA 94305; (415) 856-0169.

**MICAD 84, February 27-March 2, Paris, France.** Contact Cary C. Smith, President, World Computer Graphics Association, 2033 M St. NW, Suite 399, Washington, DC 20036; (202) 775-9556; Telex: World Graphics 248301 RCAA UR.

### April 1984

**CAD 84, Sixth International Conference and Exhibition on Computers in Design Engineering, April 3-5, Brighton, Sussex, United Kingdom.** Contact Judy Vare, Conference Secretary, Butterworth Scientific Ltd., PO Box 63, Westbury House, Bury St., Guildford GU2 5BH, United Kingdom; Tel: 0483 31261; Tx: 859556 Scitec G.

**Intergraph 84, April 9-11, Tokyo, Japan.** Contact World Computer Graphics Association, 2033 M St., N.W., Suite 399, Washington, DC 20036; (202) 775-9556; Telex: World Graphics 248301 RCAA UR.

**IPAD II—Advances in Distributed Database Management for CAD/CAM, April 17-19, Denver, Colorado.** Contact IPAD Project Office, Mail Stop 246, NASA Langley Research Center, Hampton, VA 23665; (804) 865-2888.

**Computer Graphics Tokyo 84, April 24-27, Tokyo, Japan.** Contact Toshiyasu Kunii, Dept. of Information Science, University of Tokyo, Hongo, Tokyo, 113 Japan; tele. (03) 812-2111, ext. 4116.

Workshop on Computer Vision, April 30-May 2, Annapolis, Maryland. Contact Workshop on Computer Vision, PO Box 639, Silver Spring, MD 20901; (301) 589-8142; TXW 7108250437 IEEE/COMPSC.

May 1984


Electro 84, High Technology Electronics Exhibition and Convention, and Mini/Micro Northwest (IEEE et al.), May 15-17, Boston, Massachusetts. Contact Electronic Conventions, Inc., 8110 Airport Blvd., Los Angeles, CA 90045; (213) 772-2965.

Graphics Interface 84, 10th Canadian Conference on Computer Graphics and Interaction Techniques, May 28-June 1, Ottawa, Ontario. Contact Neil Holtz, Dept. of Civil Eng., Carleton University, Ottawa, Ontario, Canada K1S 5B6; (613) 231-2677.

June 1984

Society for Information Display 1984 International Symposium, Seminar, and Exhibition, June 4-8, San Francisco, California. Contact Walter F. Goede, Symposium Chairman, Northrop Electronics, 2301 W. 120th St., Dept. 3751/N3, Hawthorne, CA 90250; (213) 418-4592/4236.

Cadcon East 84, June 12-14, Boston, Massachusetts. Send abstracts (200-500 words) and brief biographies by January 20 to Technical Program Manager Cadcon Conferences, Morgan-Grampian Expositions Group, Two Park Ave., New York, NY 10016-5667; (212) 340-9780.

First International Conference on Computers and Applications, June 20-22, Beijing (Peking), China. Contact Tse-yun Fung, 1604 Stormy Court, Xenia, OH 45385; (614) 422-1408.

ACM/IEEE Design Automation Conference, June 25-27, Albuquerque, New Mexico. Contact Design Automation, PO Box 639, Silver Spring, MD 20901; (301) 589-8142; TXW 7108250437 IEEE/COMPSC.

Medcomp 84, Third International Conference on Medical Computer Science and Engineering, June 26-29, New Orleans, Louisiana. Contact Bruce Shriner, CS Dept., University of Southwestern Louisiana, PO Box 44330, Lafayette, LA 70504; (318) 231-6606.

July 1984

1984 National Computer Conference, July 9-12, Las Vegas, Nevada. Contact AFIPS, PO Box 9658, Arlington, VA 22209; (703) 558-3613.


1984 Joint International Symposium and Exhibition on Medical Images and Icons, July 24-27, Arlington, Virginia. Submit four copies of a 200- to 500-word abstract by January 15, 1984, to PACS-PICS in Medicine, IEEE Computer Society, PO Box 639, Silver Spring, MD 20901; (301) 589-8142; TXW 7108250437 IEEE/COMPSC.

Seventh International Conference on Pattern Recognition, July 30-August 2, Montreal, Canada. Contact ICPR Secretariat, 3450 University St., Montreal, Quebec, Canada H3A 2A7; (514) 392-6744.

August 1984

1984 ASME International Computers in Engineering Conference and Exhibit, August 12-16, Las Vegas, Nevada. Contact Ewald Her, Jet Propulsion Laboratory, 4800 Oak Grove Dr., Pasadena, CA 91109; (213) 354-3066.


September 1984


Eurographics 84, European Computer Graphics Conference and Exhibition, September 12-14, Copenhagen, Denmark. Contact Conference Secretariat, Dig Congress Service, Linde Alle 48, DK-2720 Vanlouen/Copenhagen, Denmark; tele: 45-17 21 44; Telex: 15476 dis dk.

Sixth Annual IEEE Conference of Engineering in Medicine and Biology Society, September 15-17, Los Angeles, California. Submit original and two copies of an abstract (not exceeding 200 words) and completed Author Information Form by March 1 to Walter Welko- witz, Program Chairman, 6th Annual EMBS Conference, Dept. of EE, Rutgers University, Piscataway, NJ 08854; (201) 932-3262.

Computcon Fall 84, Small Computer (R)Evolution, September 16-20, Arlington, Virginia. Contact Computcon Fall 84, PO Box 639, Silver Spring, MD 20901; (301) 589-8142; TXW 7108250437 IEEE/COMPSC.

Computers in Cardiology, September 18-20, Park City, Utah. Contact Computers in Cardiology, PO Box 639, Silver Spring, MD 20901; (301) 589-8142; TXW 7108250437 IEEE/COMPSC.

October 1984


Cadcon Central 84, October 30-November 1, Dallas, Texas. Send abstracts (200-500 words) and brief biographies by February 3 to Technical Program Manager Cadcon Conferences, Morgan-Grampian Expositions Group, Two Park Ave., New York, NY 10016-5667; (212) 340-9780.

CLASSIFIED ADS

RATES: $4 per line, $40 minimum charge (up to ten lines). Average six typeset words per line, nine lines per column inch. Add $4 for box number. Send copy at least six weeks prior to month of publication to: Donald Farnsworth, IEEE Computer Graphics and Applications, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720. To allow sufficient time for distribution of the magazine, schedule your job application deadlines at least three weeks after issue date (e.g., deadline of July 21 to send applications responding to ad appearing in July issue). Note: IEEE Computer Society member ads for positions wanted $10 per line, $1 per line thereafter. Situations wanted ads run free for unemployed society members. Include IEEE member number in either case.

COMPILER/LINKER DESIGN.

Positions open for creative microprocessor compilerlinker programmers. BS, MS, or PhD required with experience and a good academic record. If you are interested in joining an innovative CAE workstation design team committed to advancing state-of-the-art product design technology, forward your resume to Wayne Causey, Howard Industries, Inc., P.O. Box 1588, Laurel, MISSISSIPPI, 39440. (601) 425-3151

CAD/CAM/CAE SOFTWARE ENGINEERS.

Opportunities open for creative software development professionals. BS, MS, or PhD required with experience and a good academic record. If you are interested in joining an innovative CAE workstation design team committed to advancing state-of-the-art product design technology, forward your resume to Wayne Causey, Howard Industries, Inc., P.O. Box 1588, Laurel, MISSISSIPPI, 39440. (601) 425-3151