Conferences and courses sponsored or co-sponsored by the IEEE 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 August issue, send information for receipt by June 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 Va- queros Circle, Los Alamitos, CA 90720.

### July 1983


1983 Harvard Computer Graphics Conference, July 31-August 4, Cambridge, Massachusetts. Contact Ann S. Quenin, Harvard University, Office of Special Programs, Graduate School of Design, 48 Quincy St., Cambridge, MA 02138; (617) 495-9345.

### August 1983

**Computer Graphics (short course), August 2-5**, Los Angeles, California; September 13-16, Washington, DC; September 20-23, San Diego, California. Contact Ruth Dorrick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405; (213) 450-2060.

**Designing VLSI (short course), August 2-5**, San Francisco, California; September 13-16, Baltimore, Maryland; September 13-16, Los Angeles, California. Contact Ruth Dorrick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405; (213) 450-2060.

**Computer Graphics and Their Applications, August 6-7**, Los Angeles, California. Contact Graphic Design and Visual Communication Program, UCLA Extension, PO Box 24901, Los Angeles, CA 90024; (213) 206-8503.


**Workshop in Interactive Computer Graphics for Educators, August 22-26**, Columbus, Ohio. Contact Louise Larew, Continuing Education, Ohio State University, 2400 Olentangy River Rd., Columbus, OH 43210; (614) 422-8571.

**Eurographics 83, August 31-September 2**, Zagreb, Yugoslavia. For information on this computer graphics conference, exhibition, industrial seminar, and graphics art competition, contact ATLAS, Congress Dept., PO Box 17, YU-41001, Zagreb, Yugoslavia; Telex 22413 YU ATLCON.

### September 1983


ACEMB, 36th Annual Conference on Engineering in Medicine and Biology (IEEE et al.), September 12-14, Columbus, Ohio. Contact Patricia I. Horner, Alliance for Engineering in Medicine and Biology, 4405 East-West Highway, Suite 210, Bethesda, MD 20814; (301) 657-4142.

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) 322-0414.


Autofact Europe, September 13-15, Geneva, Switzerland. Contact Society of Manufacturing Engineers, One SME Dr., PO Box 930, Dearborn, MI 48128; (313) 271-0023.

Sixth International Conference on Digital Satellite Communications, September 19-23, Phoenix, Arizona. Contact Howard B. Birely, Conference Administrator, ICDS-C6, c/o Comsat, 950 L'Enfant Plaza, S.W., Washington, DC 20024; (202) 836-6248.

World Meteorological Organization/National Weather Service Conference, September 19-23, Sacramento, California. The use of computer data-gathering and analysis systems for water resource management and early flood warning is the topic of this UN/NOAA conference. Contact the chairman: Robert J. C. Burnash, Hydrologist-in-Charge, California-Nevada River Forecast Center, 1416 Ninth St., Sacramento, CA 95814; (916) 442-1201.

12th Workshop on Applied Imagery Pattern Recognition, September 26-28, College Park, Maryland. Contact Donald Gerson, 3148 Castleleigh Rd., Silver Spring, MD 20904; (301) 572-7127.

**Compcon Fall 83, September 26-29**, Arlington, Virginia. Contact Compcon Fall 83, PO Box 639, Silver Spring, MD 20901; (301) 589-8142; TWX 7108250437 IEEE COMPSSO.


### October 1983

**Japan Display 83, Third International Display Research Conference**, October 3-5, Port Island, Kobe, Japan. Contact Secretariat of Japan Display 83, c/o Japan Convention Services, Nippon Press Center Bldg., Uchisaiwai- cho 2-2-1, Chiyoda-ku, Tokyo, 100 Japan.
Computers in Cardiology, October 4-7, Aachen, West Germany. Contact Jurgen Meyer, Medical Clinic, Johannes Gutenberg University, D-6500 Mainz, West Germany.


Cadcon East 83, Computer-Aided Design Conference, October 11-12, Boston, Massachusetts. Contact Morgan-Grampian Expositions Group, 1050 Commonwealth Ave., Boston, MA 02215; (617) 232-5470.

Tutorial Week West 83, October 17-21, San Francisco, California. Contact Robert Long (L-72), Tutorial Week West 83, Lawrence Livermore National Laboratory, PO Box 808, Livermore, CA 94550; (415) 422-4339 or 4260.

Computer Graphics 83 International Conference and Exhibition, October 18-20, London, United Kingdom. Contact Online Conferences Ltd., Argyle House, Northwood Hills HA6 1TS, Middlesex, UK; Northwood (09274) 28211 (phone); 44-9274 28211 (international phone).


Small Computer Graphics (tutorial), October 20, San Francisco, California. Contact Robert Long (L-72), Tutorial Week West 83, Lawrence Livermore National Laboratory, PO Box 808, Livermore, CA 94550; (415) 422-4339 or 4260.

Seventh Annual Symposium on Computer Applications in Medical Care, October 23-26, Baltimore, Maryland. Contact Greg Thomas, The George Washington University Medical Center, 2300 K St. NW, Washington, DC 20037; (202) 676-4285.


Fourth Computers in Aerospace Conference, October 24-26, Hartford, Connecticut. Contact Phyllis Rye, Aetna Telecommunications Laboratories, PO Box 376, Westborough, MA 01581; (617) 366-0400.

November 1983

Western Design Engineering Conference, November 1-3, Los Angeles, California. Contact Marketing Director, Western Design Engineering Show, 708 Third Ave., New York, NY 10017; (212) 661-8410.

Conference on Automation Technology for Management and Productivity Advancements Through CAD/CAM and Engineering Data Handling, November 2-4, Monterey, California. Contact Automation Technology Institute, PO Box 242, Pebble Beach, CA 93953.


Compacs 83, The IEEE Computer Society's Seventh International Computer Software and Applications Conference, November 7-11, Chicago, Illinois. (Tutorials: November 7-8; Conference: November 9-11.) Contact Compacs 83, PO Box 639, Silver Spring, MD 20901; (301) 589-8142; TWX 7108250437 IEEECOMPSO.

Second Designer and Computer Graphics Showcase, November 12-13, Pasadena, California. Contact Molly Morgan, Los Angeles Chapter Siggraph, PO Box 90698, Worldwide Postal Center, Los Angeles, CA 90009.

Autofact 5, November 14-17, Detroit, Michigan. For information on this conference on the automated, integrated factory, contact the Society of Manufacturing Engineers, One SME Dr., PO Box 930, Dearborn, MI 48121; (313) 271-0023.

December 1983

Computer-Aided Graphic Arts and Visual Communications 83 (seminar), December 11-13, New York, New York. Contact Barbara Jeffe, Pratt Center, 505 White Plains Rd., Tarrytown, NY 10591; (914) 631-8772.

Fifth Israel Conference and Exhibition on CAD/CAM, December 13-15, Tel Aviv, Israel. Submit paper abstracts by August 1. Contact the Israel Society for CAD/CAM, PO Box 3473, Tel Aviv 61033, Israel; Telex 33644.

January 1984

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.

February 1984

Compeon 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.

March 1984


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, UK; Tel: 0483 31261; Tx: 859556 Scitec G.

May 1984


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