



IEEE publications bulletin

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Library Information Update

IEEE CONFERENCE NEWS

Two conferences, IEEE/OSA Conference of Laser Engineering and Applications (CLEA) and the Conference of Laser and Electrooptical Systems (CLEOS), which IEEE co-sponsors with the Optical Society of America (OSA) are combining in 1981 to form the Conference on Lasers and Electrooptics (CLEO). CLEO will be held annually in the Spring beginning in 1981 and will alternate between the East and West coasts. The new Conference will cover research, development, applications, and systems in lasers and electrooptical technology.

AVAILABLE FROM IEEE...

IEEE periodically issues catalogs, lists, or descriptive brochures providing information about IEEE publications or services. Listed below are publications of this type available from the addresses from which to request them. They are free unless a price is indicated.

IEEE Computer Society. Publications (Spring 1980). *Available from:* IEEE Computer Society, 5855 Naples Plaza, Suite 301, Long Beach, California 90803.

Describes conference publications, tutorials, serials archives, standards, and other documents published by IEEE Computer Society.

IEEE Conference Publications Catalog. *Available from:* IEEE, Conference Activities Office/TAB, 345 E. 47th St., New York, N.Y. 10017.

Lists in-stock IEEE Conference Publications for 1975 through 1979.

IEEE Standards Listing (Fall 1979). *Available from:* IEEE, Standards Division, 345 E. 47th St., New York, N.Y. 10017.

Lists IEEE Standards, American National Standards published by IEEE, collections, and special publications of the Standards Division.

ISSUES OF INTEREST

Transactions or Journals that devote an entire issue to a specific topic are featured in the "Special Issues" section of the Publications Bulletin. Occasionally issues that do not technically qualify for the Special Issues Section contain a special feature or unifying theme that might be of interest to some readers; such issues will be listed in this section of the Supplement.

Analytical Queueing Models; *Computer Magazine*, Vol. 13, No. 4, Apr 1980. \$6.00. **JH 50880.** *THEME FEATURES:* queueing models of computer systems; approximate solution of queueing models; measur-

ing and calculating queue length distributions; model for computer configuration design.

Bubble Memories; *IEEE Spectrum*, Vol. 17, No. 5, May 1980. \$8.00. **JH50153.** *THEME:* Bubbles take on disks.

Fault-Tolerant Computing; *Computer Magazine*, Vol. 13, No. 3, Mar 1980. \$6.00. **JH50872.** *THEME FEATURES:* Test generation techniques; testability considerations in microprocessor-based design; error-correcting codes and self-checking circuits; fault-tolerant system design—broad brush and fine print; system-level diagnosis; distributed fault-tolerant computer systems.

Information Systems for Patient Care; *Computer Magazine*, Vol. 12, No. 11, Nov 1979. \$6.00. **JH47670.** *COVERAGE:* Medical information system and data language for ambulatory practices; medical guidance and PROMIS; MATRIX data management system; TOD software system for the ARAMIS data bank; oncology clinical information system.

Photovoltaics Review; *IEEE Spectrum*, Vol. 17, No. 2, Feb 1980. \$8.00. **JH50120.** *CONTENTS:* Solar-cell arrays; flat panels; concentrators; advanced materials, amorphous silicon cells.

Superpower Computers; *IEEE Spectrum*, Vol. 17, No. 4, Apr 1980. \$8.00. **JH50146.** *THEME:* In modeling complex systems and phenomena, the large high-speed computer is still not replaceable by the microprocessor. Topics: Commitments in four fields; the "ideal" computer concept; scientific software; NASA seeks 3-dimensional modelling; improving weather forecasts; pursuing the artificial heart; array processors help find oil; super arrays; scientific mainframes.

FUTURE SUPPLEMENT SECTIONS

The content of the Supplement is meant to vary from issue to issue. We have some ideas for possible new sections and would appreciate hearing from you as to the usefulness of these proposed additions.

One possible addition we have in mind is a "Conference Histories" section. This would contain a capsule history of a particular conference series. The condensed history would feature years of the conference; title for each year; dates; publication; LC Card information; other important miscellaneous information.

Would you, as a Bulletin user, find a section like the above useful? Are there any other types of information you would especially welcome in this Supplement? We are eager to receive your suggestions and comments. Please address your replies to: Susan James, Cataloguing Coordinator, IEEE Information Services Dept., 345 East 47th St., New York, NY 10017.

ISSN NUMBERS

The table below shows the ISSN numbers assigned to the IEEE Transactions/Journals and other major periodicals. Updates will appear as needed.

Title	ISSN
Computer [Magazine]	0018-9162
IEEE Circuits and Systems Magazine	0163-6812
IEEE Communications Magazine	0163-6804
IEEE Electron Device Letters	0193-8576
IEEE Engineering Management Review	0360-8581
IEEE Journal of Oceanic Engineering	0364-9059
IEEE Journal of Quantum Electronics	0018-9197
IEEE Journal of Solid-State Circuits	0018-9200
IEEE Spectrum	0018-9235
IEEE Transactions on Acoustics, Speech, and Signal Processing	0096-3518
IEEE Transactions on Aerospace and Electronic Systems	0018-9251
IEEE Transactions on Antennas and Propagation	0018-926X
IEEE Transactions on Automatic Control	0018-9286
IEEE Transactions on Biomedical Engineering	0018-9294
IEEE Transactions on Broadcasting	0018-9316
IEEE Transactions on Cable Television	0147-3204
IEEE Transactions on Circuits and Systems	0098-4094
IEEE Transactions on Communications	0090-6778
IEEE Transactions on Components, Hybrids, and Manufacturing Technology	0148-6411
IEEE Transactions on Computers	0018-9340
IEEE Transactions on Consumer Electronics	0098-3063
IEEE Transactions on Education	0018-9359
IEEE Transactions on Electrical Insulation	0018-9367
IEEE Transactions on Electromagnetic Compatibility	0018-9375
IEEE Transactions on Electron Devices	0018-9383
IEEE Transactions on Engineering Management	0018-9391
IEEE Transactions on Geoscience and Remote Sensing	0196-2892
IEEE Transactions on Industrial Electronics and Control Instrumentation	0018-9421
IEEE Transactions on Industry Applications	0093-9994
IEEE Transactions on Information Theory	0018-9448
IEEE Transactions on Instrumentation and Measurement	0018-9456
IEEE Transactions on Magnetism	0018-9464
IEEE Transactions on Microwave Theory and Techniques	0018-9480
IEEE Transactions on Nuclear Science	0018-9499
IEEE Transactions on Pattern Analysis and Machine Intelligence	0162-8828
IEEE Transactions on Plasma Science	0093-3813
IEEE Transactions on Power Apparatus and Systems	0018-9510
IEEE Transactions on Professional Communication	0361-1434
IEEE Transactions on Reliability	0018-9529
IEEE Transactions on Software Engineering	0098-5589
IEEE Transactions on Sonics and Ultrasonics	0018-9537
IEEE Transactions on Systems, Man, and Cybernetics	0018-9472
IEEE Transactions on Vehicular Technology	0018-9545
Proceedings of the IEEE	0018-9219

LIBRARY OF CONGRESS CARD NUMBERS

The following conference publications have received LC cataloging since their announcement in the Publications Bulletin or have had their LC card numbers changed since their announcement. These are monographic entries unless noted otherwise.

Title	Year	LC Card Number	Bulletin Issue
Asilomar Conference on Circuits, Systems, & Computers, 12th	1978	79-126391	Jul 1979
Autotestcon '78	1978	79-104083	Apr 1979
Autotestcon '79	1979	79-128197	Jan 1980
Computers in Cardiology, 5th	1978	79-113175	Jul 1979
Conference on CATV Reliability, 4th	1979	79-128209	Jan 1980
Display Research Conference, 5th	1978	78-113235	Apr 1979
IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 3rd	1978	78-106344	Jul 1978
IEEE National Aerospace and Electronics Conference (NAECON)	1974 +	79-640977 (serials)	
IEEE Photovoltaic Specialists Conference	1978	78-111871	Apr 1979
International Conference on Digital Satellite Communications, 4th	1978	79-126332	Apr 1979
International Conference on Parallel Processing		79-640377 (serials)	
International Joint Conference on Pattern Recognition, 4th	1978	79-126310	Oct 1979
International Optical Computing Conference	1978	79-110682	Jul 1979
International Symposium on Multiple-Valued Logic	1971 +	79-641110 (serials)	
Joint ASME/IEEE/AAR Railroad Conference	1979	79-115866	Jul 1979
Joint Engineering Management Conference, 26th	1978	78-112772	Jan 1979
Joint Power Generation Conference	1978	79-126556	Apr 1979
Pacific Telecommunications Conference	1979	79-110059	Jul 1979
Rocky Mountain Symposium on Microcomputers: Systems, Software, Architecture, 2nd	1978	78-110144	Jan 1979
Rural Electric Power Conference	1978	78-107946	Oct 1978
Rural Electric Power Conference	1979	79-115866	Jul 1979
Semiconductor Test Conference, 9th	1978	78-113233	Jan 1979
Topical Meeting on Optical Fiber Communication	1979	79-126301	Jul 1979
WVU Conference on Coal Mine Electrotechnology, 4th	1978	79-115411	Apr 1979