

IEEE publications bulletin

This Bulletin is the official announcement vehicle for IEEE publications, and information and educational services. Its purpose is to list as they become available all conference records, standards, special issues of Transactions and Journals, and other nonperiodic publications that may be purchased from IEEE Service Center.

Conference Publications

The publications listed below have become available since the last issue of this bulletin and, except as noted, were sent automatically to present subscribers to the appropriate option of the IEEE Open Order Plan Subscription (OOPS). For completeness, the listing includes special issues or sections of IEEE periodicals that are devoted to IEEE conferences, as well as Conference Publications in the strict sense. Out-of-stock items may be found in the Engineering Societies Library in New York City and in all libraries that subscribe to OOPS.

- Acoustics, Speech, and Signal Processing (ICASSP), 1977 IEEE International Conference on**, held May 9-11, 1977 in Hartford, CT; sponsored by IEEE ASSP. *Conf. Record* 879p. LC 76-26381 \$32.00 77CH1197-3 ASSP
- AUTOTESTCON '76** (formerly Automatic Support Systems for Advanced Maintainability, ASSC), held Nov. 10-12, 1976 in Arlington, TX; sponsored by IEEE AES and IEEE Fort Worth Section. Abstracts in *IEEE Transactions on Aerospace and Electronic Systems* Vol. AES-13 No. 2 Mar 1977 \$10.00 JH39172. (Not distributed under OOPS) See Apr 1977 bulletin for Conf. Record
- Crime Countermeasures, 1977 Carnahan Conference on**, held Apr 6-8, 1977 in Lexington, KY; sponsored by IEEE AES, IEEE Lexington Section and University of Kentucky. *Proceedings* 244p. \$28.00 77CH1186-6 AES
- Consumer Electronics, 6th Chicago Fall Conference on**, held Dec 6-7, 1976 in Chicago, IL; sponsored by IEEE BCCE. *IEEE Transactions on Consumer Electronics* Vol. CE-23 Nos. 1 and 2 Feb and May 1977 \$10.00 each JH39743 and JH39750. (Not distributed under OOPS)
- Circuits and Systems, [10th] IEEE International Symposium on**, held Apr 25-27, 1977 in Phoenix, AZ; sponsored by IEEE CAS. *Proceedings* 899p. LC 73-8636 \$40.00 77CH1188-2 CAS
- Computer Architecture, 4th Symposium on**, held Mar 23-25, 1977 in Silver Spring, MD; sponsored by IEEE C and ACM. *Proceedings* 210p. \$20.00 77CH1182-5 C
- Computers in Cardiology**, held Oct 7-9, 1976 in St. Louis, MO; sponsored by IEEE C. *Proceedings* 458p. \$20.00 76CH1160-1 C
- Control of Power Systems Conference and Exposition, 1977**, held Mar 14-16, 1977 in College Station, TX; sponsored by IEEE Region 5, IEEE Houston Section and Texas A & M University. *Conf. Record* 154p. LC 72-87449 \$12.00 77CH1168-4 REG 5
- Electrical Contacts, 22nd Holm Seminar on**, held Sep 21-23, 1976 in Chicago, IL; sponsored by IEEE PHP and Illinois Institute of Technology. Selected papers in *IEEE Transactions on Parts, Hybrids, and Packaging* Vol. PHP-13 No. 1 Mar 1977 \$10.00 JH40964. (Not distributed under OOPS)
- Electronic Components Conference, 27th**, held May 16-18, 1977 in Arlington, VA; sponsored by IEEE PHP and EIA. *Proceedings* 562p. LC 79-140963 \$25.00 77CH1199-9 PHP
- IEEE SOUTHEASTCON '77** (Region 3 Conference), held Apr 4-6, 1977 in Williamsburg, VA; sponsored by IEEE Region 3—Hampton Road Section. *Proceedings: Imaginative Engineering Thru Education and Experience*. 664p. LC 75-140142 \$34.00 77CH1233-6 REG 3
- Industrial and Commercial Power Systems Technical Conference, 1977**, held May 9-12, 1977 in Pittsburgh, PA; sponsored by IEEE IA and IEEE Pittsburgh Section. *Conf. Record* 137p. \$20.00 77CH1198-1 IA
- Industrial Applications of Microprocessors (IECI '77)**, held Mar 21-23, 1977 in Philadelphia, PA; sponsored by IEEE IECI. *Proceedings* 219p. \$20.00 77CH1181-7 IECI
- Magnetics Conference (INTERMAG), 1977 International**, held Jun 6-9, 1977 in Los Angeles, CA; sponsored by IEEE MAG. *Digest Approx.* 250p. LC 72-649866 \$16.00 77CH1242-7 MAG
- Microcomputer '77**, held Apr 6-8, 1977 in Oklahoma City, OK; sponsored by IEEE Region V, IEEE Oklahoma City Section, IEEE C, et al. *Conf. Record* 274p. \$20.00 77CH1185-8 REG 5
- Mini and Micro Computers (MIMI 76), International Symposium on**, held Nov. 8-11, 1976 in Toronto, Canada; sponsored by IEEE C and IEEE Region 7. *Proceedings* 244p. \$20.00 76CH1180-9 C
- Picture Data Description and Management, Workshop on**, held Apr 21-22, 1977 in Chicago, IL; sponsored by IEEE C, University of Illinois and ACM. *Proceeding* 192p. \$16.00 77CH1187-4 C
- Plasma Science, [4th] IEEE 1977 International Conference on**, held May 23-25, 1977 in Troy, NY; sponsored by IEEE NPS. *Conf. Record—Abstracts* 236p. LC 76-42685 \$20.00 77CH1205-4 NPS
- Power Industry Computer Applications Conference (PICA), 10th IEEE**, held May 24-27, 1977 in Toronto, Canada; sponsored by IEEE PE and IEEE Toronto Section. *Proceedings* 480p. LC 66-95936 \$32.00 77CH1131-2 PWR
- Railroad Conference, 1977 Joint ASME/IEEE/AAR**, held Mar 30-Apr 1, 1977 in Washington, DC; sponsored by IEEE IA, ASME and IEEE Washington Section. *Conf. Record* 59p. \$8.00 77CH1237-7 IA
- Reliability and Maintainability Symposium, 1977**, held Jan 18-20, 1977 in Philadelphia, PA; sponsored by IEEE, ASME, AIAA, et al. *Proceedings* 505p. + cumulative author index (1970-1977), cumulative ASQC descriptor index (1970-1976) and cumulative key word index (1975-1977). LC 78-132873 \$24.00 77CH1161-9 RQC
- Rubber and Plastics Industries, 29th Conference of Electrical Engineering Problems in the**, held Apr 4-5, 1977 in Akron, OH; sponsored by IEEE IA and IEEE Akron Section. *Conf. Record* 116p. LC 73-85633 \$12.00 77CH1184-1 IA
- Scientific & Industrial Applications of Small Accelerators, 4th Conference on**, held Oct 25-27, 1976 in Denton, TX; sponsored by IEEE NPSS, North Texas State University, US ERDA, et al. *Proceedings* 611p. \$32.00 76CH1175-9 NPS
- Solid-State Circuits Conference (ESSCIRC), 2nd European**, held Sep 21-24, 1976 in Toulouse, France; sponsored by IEEE SSC. Papers on analog and digital circuits (p.214-275) in *IEEE Journal of Solid-State Circuits* Vol. SC-12 No. 3 June 1977 \$10.00 JH41236. (Not distributed under OOPS). Invited papers published by the *Journal of Physics (Paris)*.
- Submillimeter Waves and Their Applications, 2nd International Conference and Winter School on**, held Dec 6-11, 1976 in San Juan, Puerto Rico; sponsored by IEEE MTT, OSA, ICO, et al. Pt. I: Detection and measurements in *IEEE Transactions on Microwave Theory and Techniques* Vol. MTT-25 No. 6 Jun 1977 \$10.00 JH40691. Pt. III: Lasers and detection in *IEEE Journal of Quantum Electronics* Vol. QE-13 No. 6 Jun 1977 \$10.00 JH41095. (Not distributed under OOPS). Papers on submillimeter-wave spectroscopy of materials, measurement of fundamental optical properties in *Journal of the Optical Society of America* (Jul 1977 issue). See April 1977 bulletin for Conf. Digest
- Textile Industry Technical Conference, 1977 IEEE**, held May 5-6, 1977 in Charlotte, NC; sponsored by IEEE IA. *Conf. Record* 70p. LC 74-15927 \$12.00 77CH1196-5 IA
- 3-D Image Reconstruction** (nuclear medical science short course) held in conjunction with the 1976 Nuclear Science Symposium in New Orleans, LA; sponsored by IEEE NPS. *Proceedings in IEEE Transactions on Nuclear Science* Vol. NS-24 No. 2 (p.874-916) Apr 1977 \$10.00 JH40816
- Transportation (ICT), 4th Intersociety Conference on**, held Jul 18-23, 1976 in Los Angeles, CA; sponsored by ASME, IEEE, AIIE, et al. *Proceedings Approx.* 700p. \$40.00 76CH1105-6 ITC

Ultrasonics Symposium, 1976 IEEE, held Sep 29-Oct 1, 1976 in Annapolis, MD; sponsored by IEEE SU. Abstracts in *IEEE Transactions on Sonics and Ultrasonics* Vol. SU-24 No. 2 Mar 1977 \$10.00 JH41483. See Apr 1977 bulletin for 1976 Proceedings

Vehicular Technology Conference, 27th (IEEE Vehicular Technology Group Conference), held Mar 16-18, 1977 in Orlando, FL; sponsored by IEEE VT and IEEE Orlando Section. *Conf. Record* 266p. LC 74-156349 \$15.00 77CH1176-7 VT

Special Issues

The special issues listed below have become available since the last issue of this Bulletin. Special issues devoted entirely to conferences are listed in the Conference Publications section.

Behavioral Decisionmaking; IEEE Transactions on Systems, Man, and Cybernetics Vol. SMC-7 No.5 May 1977 \$10.00 JH41350

Electric Vehicles and Automotive Electronics; IEEE Transactions on Vehicular Technology VOL. VT-26 No. 2 May 1977 \$10.00 JH41442

Energy Systems Analysis (special section, p. 222-264); *IEEE Transactions on Systems, Man, and Cybernetics* Vol. SMC-7 No. 4 Apr 1977 \$10.00 JH41343

Integrated Injection Logic; IEEE Journal of Solid-State Circuits Vol. SC-12 No. 2 Apr 1977 \$10.00 JH41228

Integrated Optics; IEEE Journal of Quantum Electronics VOL. QE-13 No. 4 Apr 1977 Part II \$10.00 JH41897

Low-Noise Technology; IEEE Transactions on Microwave Theory and Techniques Vol. MTT-25 No. 4 Apr 1977 JH40675

Marine Geophysics; IEEE Transactions on Geoscience Electronics Vol. GE-15 No. 2 Apr 1977 \$10.00 JH40311

Nonvolatile Semiconductor Memory; IEEE Transactions on Electron Devices Vol. ED-24 No. 5 May 1977 \$10.00 JH40105

Pattern-Recognition Software (special section, p.160-189); *IEEE Transactions on Software Engineering* Vol. SE-3 No. 2 Mar 1977 \$10.00 JH41285

Photovoltaic Devices; IEEE Transactions on Electron Devices Vol. ED-24 No. 4 Apr 1977 \$10.00 JH40097
Radar Systems, International Cumulative Index on (1975-1976 update and complete author index, 46 pages); *IEEE Transactions on Aerospace and Electronic Systems* Vol. AES-13 No. 3 May 1977 \$10.00 JH39180
Satellite Communications; Proceedings of the IEEE Vol. 65 No. 3 Mar 1977 \$10.00 JH36921

IEEE Standards

ANSI C2 National Electrical Safety Code, 1977 ed., American National Standard; (Including C2.1-1971, C2.2-1976, C2.3-1973 and C2.4-1973) Feb 28, 1977. 348p. \$6.50 SH06767

IEEE Std 24-1977 (ANSI C76.2-1977) Electrical, Dimensional, and Related Requirements for Outdoor Apparatus Bushings; (Supersedes IEEE Std 24-1964, ANSI C76.1-1964) Mar 14, 1977 18p. \$4.00 SH06460

IEEE Std 56-1977 Guide for Insulation Maintenance of Large Alternating-Current Rotating Machinery (10,000 kVA and Larger); (Revision of IEEE Std 56-1958) Mar 15, 1977 23p. \$6.00 SH06478

IEEE Std 422-1977 Guide for the Design and Installation of Cable Systems in Power Generating Stations; Feb 25, 1977. 28p. \$6.00 SH06148

IEEE Std 463-1977 Electrical Safety Practices in Electrolytic Cell Line Working Zones; Mar 17, 1977. 11p. \$4.00 SH06650

IEEE Std 522-1977 Guide for Testing Turn-to-Turn Insulation on Form-Wound Stator Coils for Alternating-Current Rotating Electric Machines—For Trial Use; Feb 25, 1977. 12p. \$4.00 SH06692

IEEE Press

Microprocessors: Fundamentals & Applications, edited by Wen C. Lin, Case Western Reserve University. © 1977 335p. ISBN 0-87942-093-6 LC 76-53223 \$19.95 PC00869 A Book of Selected Reprints.

Contents: Microprocessors, Applications, Miscellaneous (includes papers on microprogramming techniques as a bridge between hardware and software computer engineering). Bibliography. Glossary. A total of 42 reprinted papers.

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Available in June, 1977: Microfilmed 1976 issues of all 39 IEEE periodicals.

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