

# 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.

- Automatic Control Conference, 1976 Joint (JACC)**, held Jul 27-30, 1976 in West Lafayette, IN; sponsored by ASME, AIChE, IEEE, et al. *Proceedings* 794p. LC 65-67249 \$50.00 76 CH11122
- Cement Industry Technical Conference, 18th IEEE (CIT)**, held May 17-20, 1976 in Tucson, AZ; sponsored by IEEE IA. *Conf. Record* 1v. (various pagings) LC 75-28930 \$40.00 76 CH10405
- Cement Industry Technical Conference, 17th IEEE (CIT)**, held May 5-8, 1975 in Montreal, Canada; sponsored by IEEE IA. *Conf. Record* 1v. (various pagings) LC 75-28930 \$35.00 75 CH09449
- Circuits and Systems, 9th International Symposium on**, held Apr 27-29, 1976 in Munich, F. R. Germany; sponsored by IEEE CAS, German Section of IEEE Region 8. *Proceedings* 805p. LC 73-8636 \$40.00 76 CH10744
- Communications, 12th International Conference on (ICC)**, held Jun 14-16, 1976 in Philadelphia, PA; sponsored by IEEE, CSCB, IEEE Philadelphia Section, et al. *Conf. Record* 3v. (various pagings) LC 64-23226 \$33.00 76 CH10850
- Computer Society International Conference, Fall 1976 IEEE (COMPCON FALL)**, held Sep 7-10, 1976 in Washington, DC; sponsored by IEEE Computer Society. *Digest of Papers: Computers . . . by the millions, for the millions.* 392p. LC 68-1628 \$20.00 76 CH11155
- Cybernetics and Society, 1975 International Conference on**, held Sep 23-25, 1975 in San Francisco, CA; sponsored by IEEE SMC. *Proceedings* 475p. \$20.00 75 CH09977
- Design Automation Conference, 13th**, held Jun 28-30, 1976 in San Francisco, CA; sponsored by ACM and IEEE C. *Proceedings* 501p. LC 74-30514 \$20.00 76 CH10983
- Electrical, Electronics Conference and Exposition, International**, held Sep 29-Oct 1, 1975 in Toronto, Canada; sponsored by IEEE Canadian Region. *Conf. Digest* 227p. LC 75-24901 \$12.50 75 CH10009
- Electro/76 Professional Program**, held May 11-14, 1976 in Boston, MA; sponsored by IEEE Region One, ERA, et al. *Conf. Record* 1v. (various pagings) \$85.00 76 CH11627
- Electromagnetic Compatibility, IEEE 17th International Symposium on**, held Jul 13-15, 1976 in Washington, DC; sponsored by IEEE EMC. *Conf. Record* 436p. LC 78-15514 \$25.00 76 CH11049
- Electronic Components Conference, 26th**, held on Apr 26-28, 1976 in San Francisco, CA; sponsored by IEEE PHP, and EIA. *Proceedings* 420p. LC 79-140963 \$25.00 76 CH10736
- Engineering Management Conference, 23rd Joint (JEMC)**, held Oct 9-10, 1975 in Washington, DC; sponsored by IEEE EM, ASME, AIIE, et al. (*Conf. Record*) *Effective Management of Engineering Resources.* 97p. LC 74-99882 \$6.00 75 CH10785
- Fault-Tolerant Computing, 1976 International Symposium on**, held Jun 21-23, 1976 in Pittsburgh, PA; sponsored by IEEE C. *Proceedings* 206p. \$20.00 76 CH10942
- Industry Applications Society Annual Meeting, 1975 IEEE**, held on Sep 28-Oct 2, 1975 in Atlanta, GA; sponsored by IEEE IA Atlanta Section. *Conf. Record* 1093p. 75 CH09993
- Information Theory, 1975 IEEE-USSR Joint Workshop on**, held Dec. 15-19, 1975 in Moscow, USSR; sponsored by IEEE IT, USSR Working Group on Information Theory. *Proceedings* 247p. \$8.00 75 CH11676
- Machine Processing of Remotely Sensed Data, Symposium on**, held Jun 29-Jul 1, 1976 in West Lafayette, IN; sponsored by IEEE C, IEEE GE, Purdue University, et al. *Proceedings: Purdue: LARS* 1v. (various pagings) LC 73-89454 \$25.00 76 CH11031
- Microwave Symposium, 1976 IEEE International**, held Jun 14-16, 1976 in Cherry Hill, NJ; sponsored by IEEE MTT. *Digest of Tech. Papers* 376p. LC 72-75863 \$25.00 76 CH10876
- Petroleum and Chemical Industry Conference, 22nd**, held Sep 15-17, 1975 in Milwaukee, WI; sponsored by IEEE IA. *Conf. Record* 311p. LC 73-641120 \$20.00 75 CH10868
- Petroleum and Chemical Industry Conference, 23rd**, held Aug. 30-Sep 1, 1976 in Philadelphia, PA; sponsored by IEEE IA. *Conf. Record* 318p. LC 73-641120 \$20.00 76 CH11098
- Power Engineering Society Winter Meeting, 1975 IEEE**, held Jan 26-31, 1975 in New York, NY; sponsored by IEEE PE. *Conf. Record* 1v. (various pagings) \$40.00 75 CH09902 Individual preprints are available, \$2.00 each, write for list of titles.
- Precision Electromagnetic Measurements, 1976 Conference on**, held Jun 28-Jul 1, 1976 in Boulder, CO; sponsored by IEEE IM, NBS, et al. *Digest* 238p. \$15.00 76 CH10991
- Pulp and Paper Industry Technical Conference, 1975 IEEE**, held Jun 18-20, 1975 in Vancouver, B.C., Canada; sponsored by IEEE IA. *Conf. Record* 92p. LC 74-136000 \$10.00 75 CH09720
- Radar Conference, IEEE 1975 International**, held Apr 21-23, 1975 in Arlington, VA; sponsored by IEEE Washington Section, IEEE AES, IEE. *Conf. Record* 567p. plus *International Cumulative Index on Radar Systems* 53p. \$35.00 75 CH09381
- Rubber and Plastics Industries, 28th Conference of Electrical Engineering Problems in the**, held Apr 5-6, 1976 in Akron, OH; sponsored by IEEE IA and IEEE Akron Section. *Conf. Record* 73p. LC 73-85633 \$8.00 76 CH10587
- Subscriber Loops and Services, 2nd International Symposium on**, held May 3-7, 1976 in London, England; sponsored by IEEE COM, IEEE Region 8, UKRI Section, et al. *IEE Conf. Publ.* 137 209p. LC 74-75944 \$20.00 76 CH10801
- Selective Dissemination of Information, International Symposium on Technology for**, held Sep 8-10, 1976 in Palazzo dei Congressi, Repubblica di San Marino; sponsored by IEEE C, ACM Italian Chapter, et al. *Proceedings* 161p. \$16.00 76 CH11148
- Underground Transmission and Distribution Conference, 1976 IEEE**, held Sep 27-Oct 1, 1976 in Atlantic City, NJ; sponsored by IEEE PE. *Conf. Record* 651p. LC 73-142117 \$20.00 76 CH11197

## 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.

- Adaptive Antennas; IEEE Transactions on Antennas and Propagation** Vol. AP-24 No. 5 Sep 1976 \$10.00 JH33530
- Adaptive Systems; Proceedings of the IEEE** Vol. 64 No. 8 Aug 1976 \$10.00 JH31724
- Automated Theorem Proving; IEEE Transactions on Computers** Vol. C-25 No. 8 Aug 1976 \$10.00 JH33787
- Circa 2000: A Special Bicentennial Issue on Cities of the Future; IEEE Spectrum** Vol. 13 No. 7 Jul 1976 \$8.00 JH31831
- Education in Industry—Some Approaches to Life Long Learning; IEEE Transactions on Education** Vol. E-19 No. 3 Aug 1976 \$10.00 JH34249
- High Energy Radiation Dosimetry and Protection, First Course on**, held Oct 1-10, 1975 in Erice, Sicily, under the auspices of the School of Radiation Damage and Protection of the Ettore Majorana Center for Scientific Culture. *IEEE Transactions on Nuclear Science* Vol. NS-23 No. 4 Aug 1976 \$10.00 JH34991



- High-Power Semiconductor Devices; IEEE Transactions on Electron Devices** Vol. ED-23 No. 8 Aug 1976 \$10.00 **JH34330**
- Historical Notes on Important Tubes and Semiconductor Devices; IEEE Transactions on Electron Devices** Vol. ED-23 No. 7 Jul 1976 \$10.00 **JH34322**
- Nondestructive Evaluation; IEEE Transactions on Sonics and Ultrasonics** Vol. SU-23 No. 5 Sep 1976 \$10.00 **JH36475**
- Nuclear System Reliability and Safety; IEEE Transactions on Reliability** Vol. R-25 No. 3 Aug 1976 \$10.00 **JH35345**
- Technology and Processing for Integrated Circuits; IEEE Journal of Solid-State Circuits** Vol. SC-11 No. 4 Aug 1976 \$10.00 **JH35402**
- Testing, Software** (Special Section p. 194-231); *IEEE Transactions on Software Engineering* Vol. SE-2 No. 3 Sep 1976 \$10.00 **JH35451**

## IEEE Press

- Communications Satellite Systems: An Overview of the Technology**, edited by R. G. Gould and Y. F. Lum, Satellite Systems Panel, IEEE AES Society. © 1976 164p. **ISBN 0-87942-065-0 LC 75-39327 \$14.95 PC00703**

**Contents:**

*Communication Satellite Systems, Techniques for Expanding Communication Satellite System Capabilities, Frequency and Orbit Coordination and Utilization, Earth Station Technology, Intergration of Satellite and Terrestrial Communication Networks.* A total of 22 papers.

- Computer Networking**, edited by Robert P. Blanc and Ira W. Cotton, National Bureau of Standards. © 1976 368p. **ISBN 0-87942-071-5 LC 75-36308 \$17.95 PC00646** A Book of Selected Reprints.

**Contents:**

*Network Technology, Design Considerations, Networking Examples, Network Management, Future Developments.* A total of 46 reprinted papers.

- Electromagnetic Horn Antennas**, edited by A. W. Love, Rockwell International. © 1976 453p. **ISBN 0-87942-075-8 LC 75-44649 \$23.95 PC00745** A Book of Selected Reprints.

**Contents:**

*Historical and General Interest Papers, Gain of Electromagnetic Horns, Simple Horn Feeds, Multimode Horns, Corrugated Horns, Dielectric-Loaded Horns, Horn-Reflector Antennas.* A total of 82 reprinted papers.

- Literature Survey of Communications Satellite Systems and Technology**, compiled by J. H. W. Unger, Satellite Systems Panel, IEEE AES Society. © 1976 409p. **ISBN 0-87942-067-7 LC 75-39326 \$14.95 PC00729**

**Contents:**

*This volume is a bibliography of over 3600 references on the technology of communication satellites and related subjects. This bibliography makes an excellent companion volume to Communications Satellite Systems: An Overview of the Technology described above.*

- Solar Cells**, edited by Charles E. Backus, Arizona State University. © 1976 504p. **ISBN 0-87942-069-3 LC 75-46381 \$24.95 PC00661** A Book of Selected Reprints.

**Contents:**

*General Review, Solar Cell Theory, Cell Fabrication, Space Systems, Terrestrial Applications, Workshop Summaries, Bibliography.* A total of 42 reprinted papers.

## Miscellaneous Publications

- 1975 Index to IEEE Publications.** (60,000 index entries for IEEE periodical- and conference literature, special publications and standards). 416p. \$50.00 **JH36798**

- Nuclear Power Health-Safety-Waste Disposal**, presented at the IEEE Power Engineering Society 1976 Winter Meeting and TESLA Symposium, in New York, NY; IEEE PES Sp. Publ. No. 13 22p. \$8.00 **76 CH11296**

- U. S. Energy, Equation and the Role of Electricity.** IEEE PE. A Position Statement. 42p. \$1.50 **76 CH11536**

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(1951-1970) are entitled to sizable discounts on the sum of the individual *Transactions* prices.

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