

■ **AAMI/FDA Conference on Medical Device Regulations.** Nov. 14-15. Hyatt Regency, Washington, D.C. *Contact:* Renee L. Pietrangelo, Association for the Advancement of Medical Instrumentation, 1901 N. Fort Myer Dr., Suite 602, Arlington, Va. 22209. 703-525-4890

■ **Clinical and Environmental Applications of Quantitative Thin-Layer Chromatography.** Jan. 15-17, 1979. Philadelphia, Pa. *Contact:* H. M. Stahr, Iowa State University of Science and Technology, Ames, Iowa 50011. 515-294-1950

■ **2nd European Conference on Surface Science.** Mar. 26-29, 1979. Cambridge, England. Topics include: synchrotron studies and EXAFS, surface kinetics and adsorption, ion and molecular beam effects, semiconductor and polymer surfaces. *Contact:* The Conference Chairman, 2nd European Conference on Surface Science, c/o Birches Industrial Estate, East Grinstead, Sussex, England. Page 1114 A, Oct.

■ **International Symposium on Occupational Radiation Exposure in Nuclear Fuel Cycle Facilities.** June 18-22, 1979. Los Angeles, Calif. *Contact:* John H. Kane, Special Assistant for Conferences, Office for Technical Information, Dept. of Energy, Washington, D.C. 20545

■ **Combined 37th Annual Meeting of the Electron Microscopy Society of America and 13th Annual Meeting of the Microbeam Analysis Society.** Aug. 13-17, 1979. San Antonio, Tex. *Contact:* Dale Newbury, Chairman, MAS Program Committee, NBS, Bldg. 222, Room A121, Washington, D.C. 20234. 301-921-2875

Short Courses

ACS Courses. For more information, *contact:* Department of Educational Activities, American Chemical Society, 1155 Sixteenth St., N.W., Washington, D.C. 20036. 202-872-4508

Interpretation of Mass Spectra
Boston. Nov. 3-4. Don C. DeJongh. \$220, ACS members; \$260, nonmembers

Statistics for Experimental Design
Boston. Nov. 3-4. John Hromi. \$215, ACS members; \$255, nonmembers

Chemical Carcinogenesis
Chicago. Nov. 16-17. Irving Selikoff. \$265, ACS members; \$310, nonmembers

Creative Problem Solving
Chicago. Nov. 16-17. Moshe F. Rubinstein. \$215, ACS members; \$255, nonmembers

Toxicology for Chemists
San Francisco. Nov. 28-30. Frederick Sperling and Morris Joselow. \$485, ACS members; \$555, nonmembers

Gas Chromatography-Mass Spectrometry
San Francisco. Nov. 29-30. J. Throck Watson and O. David Sparkman. \$265, ACS members; \$310, nonmembers

Interpretation of NMR Spectra
San Francisco. Nov. 29-Dec. 1. LeRoy F. Johnson and Roy H. Bible, Jr. \$280, ACS members; \$330, nonmembers

Microprocessors and Minicomputers—Interfacing and Applications
Blacksburg, Va. Dec. 10-15. Raymond E. Dessy and the Chemistry Department Instrument and Design Group from VPI&SU. \$455, ACS members; \$515, nonmembers

Liquid Chromatography, Theory and Practice
Blacksburg, Va. Dec. 11-14. Harold McNair. \$450, ACS members; \$510, nonmembers

Stack Sampling & Ambient Air Monitoring
Sheraton Motor Inn, East Brunswick, N.J. Nov. 8-10. \$425. *Contact:* Mary Sobin, Dept. NR, Center for Professional Advancement, P.O. Box H, East Brunswick, N.J. 08816. 201-249-1400

Introduction to Gas Chromatography
Donaldson Brown Center for Continuing Education, VPI&SU, Blacksburg, Va. Nov. 9-11. H. M. McNair and D. T. Stafford. \$250. *Contact:* Linda Leffel, Center for Continuing Education, VPI&SU, Blacksburg, Va. 24061. 703-961-5241

Liquid Chromatography—Instrumentation and Application
University of Wisconsin-Madison, Wisconsin Center, Madison. Nov. 20-21. \$260. *Contact:* James E. Nicholls, Dept. of Engineering, University of Wisconsin-Extension, 432 N. Lake St., Madison, Wis. 53706. 608-262-2061

Chemical Derivatization for Chromatography and Mass Spectrometry
Cincinnati. Nov. 27-29. M. Quilliam. \$375. *Contact:* Ann Woolley, Finnigan Institute, 11750 Chesterdale Rd., Bldg. #5, Cincinnati, Ohio 45246. 513-772-5500

Digital Electronics and Microcomputer Interfacing Basics
Sheraton Red Lion Inn, Blacksburg, Va. Nov. 27-29. P. R. Rony, D. G. Larsen, C. A. Titus, and P. E. Field. \$245. *Contact:* Linda Leffel, Center for Continuing Education, VPI&SU, Blacksburg, Va. 24061. 703-961-5241

Industrial Toxicology
Houston, Tex. Nov. 29-Dec. 1. \$475. *Contact:* Mary Sobin, Dept. NR, Center for Professional Advancement, P.O. Box H, East Brunswick, N.J. 08816. 201-249-1400

Microcomputer, Instrument, and Analog Converter Interfacing and Programming
Sheraton Red Lion Inn, Blacksburg, Va. Nov. 30-Dec. 2. P. R. Rony, D. G. Larsen, C. A. Titus, and P. E. Field. \$245. *Contact:* Linda Leffel, Center for Continuing Education, VPI&SU, Blacksburg, Va. 24061. 703-961-5241

Forensic and Clinical Toxicology
Cincinnati. Dec. 11-15. B. Finkle, T. Jennison, and M. Peat. \$625. *Contact:* Ann Woolley, Finnigan Institute, 11750 Chesterdale Rd., Bldg. #5, Cincinnati, Ohio 45246. 513-772-5500

Electronics for Automation, Instrumentation, and Signal Conditioning
Donaldson Brown Center for Continuing Education, VPI&SU, Blacksburg, Va. Dec. 18-21. P. R. Rony, D. G. Larsen, C. A. Titus, and P. E. Field. \$295. *Contact:* Linda Leffel, Center for Continuing Education, VPI&SU, Blacksburg, Va. 24061. 703-961-5241

Gas Chromatography
Villanova University, Villanova, Pa. Jan. 3-5. Sponsored by the Chromatography Forum of the Delaware Valley. *Contact:* Robert L. Grob, Chemistry Dept., Villanova University, Villanova, Pa. 19085

Pharmaceutical Quality Assurance & Control
Sheraton Motor Inn, East Brunswick, N.J. Jan. 8-12. \$655. *Contact:* Mary Sobin, Dept. NR, Center for Professional Advancement, P.O. Box H, East Brunswick, N.J. 08816. 201-249-1400

Hazardous Materials

Sheraton Motor Inn, East Brunswick, N.J. Jan. 22-24. \$435. *Contact:* Mary Sobin, Dept. NR, Center for Professional Advancement, P.O. Box H, East Brunswick, N.J. 08816. 201-249-1400

Basic Interpretation of Mass Spectra

San Francisco. Jan. 22-26. D. De-Jongh and G. Ouchi. \$400. *Contact:* Ann Woolley, Finnigan Institute, 11750 Chesterdale Rd., Bldg. #5, Cincinnati, Ohio 45246. 513-772-5500

Interpretation of Mass Spectra: Applications

San Francisco. Jan. 29-30. \$250. *Contact:* Ann Woolley, Finnigan Institute, 11750 Chesterdale Rd., Bldg. #5, Cincinnati, Ohio 45246. 513-772-5500

Testing for Drugs in Race Horses

Cincinnati. Jan. 29-Feb. 1. G. Maylin and J. Henion. \$500. *Contact:* Ann Woolley, Finnigan Institute, 11750 Chesterdale Rd., Bldg. #5, Cincinnati, Ohio 45246. 513-772-5500

For Your Information

For any person who uses the **Federal Register and the Code of Federal Regulations**, free Friday workshops will be held on Nov. 3 and 17 and Dec. 1 and 15 from 9 to 11:30 a.m. at the Office of the Federal Register, Rm. 9409, 1100 L St., N.W., Washington, D.C. For reservations, call Mike Smith, Workshop Coordinator, at 202-523-5235.

The first edition of the "**Directory of Canadian Environmental Experts**" is now available. Its two parts are: an alphabetical listing of the name and affiliation of the researchers, and the title of their research projects. The second part is a computer-produced subject index arranged alphabetically by terms appearing in the titles. Copies are available at \$15 each from: Information Exchange Centre, CISTI, National Research Council of Canada, Ottawa, Canada K1A 0S2.

Beckman Instruments, Inc., has completed the acquisition of **Altex Scientific Inc.**, a Berkeley, Calif.-based manufacturer of high-performance liquid chromatography systems. Altex will continue to operate in Berkeley under its present management as a wholly owned subsidiary of Beckman.

The June 1978 issue of **Chromatography Newsletters**, available from Perkin-Elmer, features articles on advanced technology applications in LC and GC. The titles in this recent issue (order #CHN-11) are: Improved Analysis of Alpha-Olefins, Evaluation of an Electrochemical LC Detector, Determination of Dipropylacetic Acid by Liquid Chromatography with Pre-Column Labelling and Ultraviolet Detection, LC Performance of the Model 650-10 Fluorescence Detector, Concentration and GC Determination of Organic Compounds from Air and Water, Analysis of Chlorinated Hydrocarbons by High-Performance Gas Chromatography, and Evaluation of New Internal Standards for the Analysis of Carbamazepine and Procainamide by Liquid Chromatography. Call or write: Perkin-Elmer Corp., Instrument Division, Main Ave., Mail Station 12, Norwalk, Conn. 06856 (203-762-6853).

The Buhrke Co. announces the availability of some **used scientific equipment**. Call or write: The Buhrke Co., 2180 Sand Hill Rd., Suite 160, Menlo Park, Calif. 94025 (415-854-5689).

Mallinckrodt's Science Products Division has established a **toll-free telephone service** to provide direct customer access to the company's technical and sales management team. The toll-free number to call is 800-325-7840.

An Infrared Bulletin #66 entitled "**A Collection of Reference Spectra for Flame Retardant Reagents**" gives spectra for over 30 commercially available flame retardant chemicals. Some of these reagents, which are added to plastics, fabrics, and many other materials, contain brominated phosphates. Others are highly halogenated hydrocarbons or diphenyl ethers. Details on five sampling methods are given. For a free copy, ask for order #IRB-66 by calling or writing: Perkin-Elmer Corp., Instrument Division, Main Ave., Mail Station 12, Norwalk, Conn. 06856 (203-762-6853).

Tracor Inc., an analytical instrument detector service company, has agreed to purchase **Searle Analytic** in Des Plaines, Ill., a division of G. D. Searle & Co. Tracor is purchasing all assets related to Searle Analytic's two major product lines of Beta and Gamma counting instruments. The purchase is expected to be effective Sept. 30, 1978.

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