

Short Courses

ACS Courses. These new courses will be listed only once. For information on other ACS courses, see back issues and contact: Department of Educational Activities, American Chemical Society, 1155 16th St., N. W., Washington, D.C. 20036. 202-872-4508

Atomic Absorption Spectroscopy
Washington, D.C. June 5-7. Theodore

Rains, Michael Epstein, S. R. Koirtyo-hann. \$475, ACS members; \$540, non-members

Microcomputers in the Chemistry Curriculum

Syracuse, N.Y. June 21-30. Daniel Macero. \$50, ACS members and non-members

Gas Chromatography—Theory and Practice

Blacksburg, Va. Aug. 3-6. Harold M.

McNair. \$520, ACS members; \$595, nonmembers

The following ACS courses are being held in conjunction with the 182nd ACS National Meeting in New York, N.Y.

Practice of Modern Liquid Chromatography

New York, N.Y. Aug. 21-23. J. J. Kirkland, L. R. Snyder. \$465, ACS members; \$535, nonmembers

Interpretation of NMR Spectra

New York, N.Y. Aug. 21-23. Roy Bible, Leroy Johnson. \$465, ACS members; \$535, nonmembers

Maintaining and Troubleshooting Chromatographic Systems

New York, N.Y. Aug. 22-23. M. P. T. Bradley, M. Jackson. \$350, ACS members; \$420, nonmembers

Thermal Methods of Analysis

New York, N.Y. Aug. 22-23. Wesley Wendlandt, Ilya Sarasohn. \$350, ACS members; \$420, nonmembers

Laboratory Automation: Micro-, Mini-, or Midi-Computers

New York, N.Y. Aug. 22-23. Raymond E. Dessy. \$350, ACS members; \$420, nonmembers

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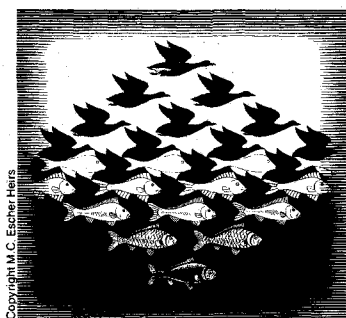
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Titled "Sky and Water", this work is typical of the genius of M.C. Escher, an early 20th century Dutchman. Escher was also an architect, a mathematician, and an amateur crystallographer. His lifelong concern with the anomalies of nature and matter led him to develop a particular metamorphic approach to his drawings. His was an individual genius; the genius that resides in the Philips APD 3600 is collective, an accumulation of 35 years of experience in the scientific investigation of the anomalies of matter by X-ray diffraction. The differences between these approaches are a lot smaller than you might think.

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The Chemical Abstracts Service Search Assistance Desk can now be reached by a toll-free telephone number, 800-848-6533. The desk is staffed by chemists who will answer questions about the effects of CAS indexing practices and terminology on reference searches. Hours of operation are 8 A.M.-5 P.M. Eastern time, Monday through Friday. Written questions should be directed to Search Assistance Desk, Chemical Abstracts Service, P.O. Box 3012, Columbus, Ohio. 43210.

The Scientific Apparatus Makers Association has recently released a new publication that outlines performance and safety requirements for laboratory fume hoods. "Laboratory Fume Hoods" describes standards for design, materials of construction, use, and testing. Single copies may be ordered for \$5.00 each from: Laboratory Apparatus Section, SAMA, 1101 16th St., N.W., Washington, D.C. 20036. A bulk rate is also available.

Continued on page 723 A

Trends in Analytical Chemistry is a new publication featuring critical reviews and information on recent developments in analytical chemistry. Cost per personal edition is \$42.50 for Volume I and expanded library editions are available. Free sample copies of the first issue and subscription information may be obtained from Elsevier, TrAC Subscriptions, 52 Vanderbilt Ave., New York, N.Y. 10017.

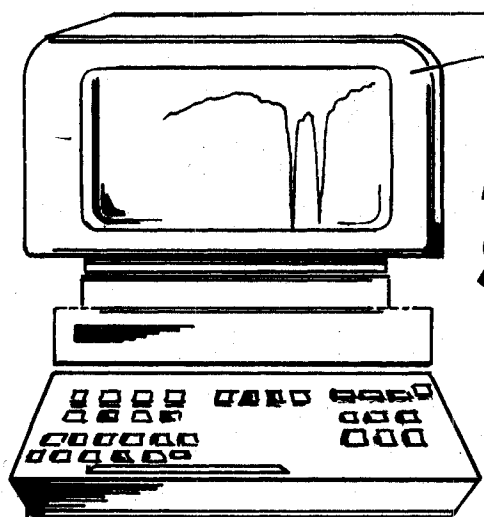
A monograph entitled "**Assessing Quality Requirements in Clinical Chemistry**" will be published as a supplement (number 155, volume 140, 1980) to the *Scandinavian Journal of Clinical and Laboratory Investigation*. The monograph includes seven review articles on various aspects of requirements for analytical quality from the point of view of health care, and eight reports on the effects of changing analytical quality on clinical decisions. Copies priced at approximately \$15, including postage, may be ordered from NORDKEM, Kivela Hospital, Sibeliuksenkatu 12-14, SF-00260 Helsinki 26, Finland.

Fundamental and Applied Toxicology is a new bimonthly journal now being offered by the Society of Toxicology. The journal covers areas such as molecular, aquatic, and environmental toxicology, risk assessment, regulatory controls, methods, equipment, and safety evaluation. Cost is \$50 per year within the U.S. and \$60 elsewhere. Subscriptions and additional information are available from the Society of Toxicology, 475 Wolf Ledges Pkwy., Akron, Ohio. 44311. 216-762-2289

The **Physical Electronics Division** of the Perkin-Elmer Corporation has announced the opening of its new facility in Edison, N.J. A regional sales office previously located in Springfield, N.J., and an analytical laboratory will serve customers in the eastern U.S. The company offers surface chemical analysis on a contract basis. Contact John S. Hammond, Manager, Edison Laboratory, Perkin-Elmer Corp., Physical Electronics Laboratories, 5 Progress St., Edison, N.J. 08820. 201-561-6730

Cambridge Analytical Associates now offers polymer characterization by low angle laser light scattering (LALLS). The technique provides for molecular weight determination without reference to standards, and is applicable to both linear and branched polymers. For additional information contact Paul Demko, Cambridge Analytical Associates, Inc., 222 Arsenal St., Watertown, Mass. 02172. 617-923-9376

Whatman, Inc. has announced the formation of two new U.S. subsidiaries: Whatman Chemical Separation, Inc., and Whatman Laboratory Products, Inc. Products and accessories for HPLC, TLC, and ion-exchange will be manufactured by Whatman Chemical Separation, Inc., and filter paper and related products by Whatman Laboratory Products, Inc. Both companies will be headquartered in Clifton, N.J. Further information may be obtained from Whatman, Inc., 9 Bridewell Place, Clifton, N.J. 07014. 201-777-4825



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