



AOCS National Meetings

- Apr. 27-30, 1975—Dallas, Tex., Statler Hilton.
 June 5-8, 1975—Aspen, Colo., Summer Short Course: Glycolipids.
 June 16-18, 1975—Hershey, Pa., Summer Short Course: Surfactants, Hotel Hershey and Country Club.
 Sept. 28-Oct. 1, 1975—Cincinnati, Ohio, Netherland Hilton.
 April 21-24, 1976—New Orleans, La., New Orleans Marriott Hotel.

Other Organizations

- Jan. 6-16, 1975—Ice Cream Short Course, The Pennsylvania State University, University Park, Pa. Contact: Director of Short Courses, 306 Agricultural Administration Building, University Park, Pa. 16802.
 Jan. 13-17, 1975—"Recognition, Evaluation, and Control of Occupational Hazards" Short Course, Florida Technological University, South Orlando Resident Center, Orlando, Fla. Contact: Ken Paschall, Conference Coordinator, FTU, Box 25000, Orlando, Fla. 32816.
 Jan. 16, 1975—Food and Your Well-Being II: Annual Symposium on Food Safety, Richard B. Russell Agricultural Research Center, Athens, Ga. Contact: Thota Hamsa, Student Chapter of IFT, Department of Food Science, University of Georgia, Athens, Ga. 30602.
 Jan. 29-31, 1975—"Productivity Enhancement in Cutting and Forming Operations" Conference, UCLA Extension and Society of Carbide Engineers, Sheraton-Anaheim Motor Hotel, 1015 W. Ball Rd., Anaheim, Calif. Contact: P.O. Box 24902, Department of Continuing Education in Engineering and Science, University Extension, UCLA, Los Angeles, Calif. 90024.
 Jan. 29-Feb. 1, 1975—48th Annual Convention, The Soap and Detergent Association, Boca Raton Hotel and Club, Boca Raton, Fla. Contact: Mr. Robert C. Singer, The Soap and Detergent Association, 475 Park Ave., S., New York, N.Y. 10016.
 Feb. 3-5, 1975—"Management and Disposal of Residues from the Treatment of Industrial Wastewaters" Conference, Information Transfer, Inc., and Offices of Research and Development and Solid Waste Management, Environmental Protection Agency. Contact: National Conference on Management and Disposal of Industrial Wastewater Treatment Residues, c/o Environmental Quality Systems, Inc., 6110 Executive Blvd., Suite 750, Rockville, Md. 20852.
 Feb. 24-28, 1975—"R & D Management Studies for

- Chemists" short course, The Chemical Society, Urwick Management Center, Slough, Bucks, England. Contact: M.D. Robinson, Education Officer, The Chemical Society, Burlington House, London, W1V 0BN, England.
 Mar. 3-7, 1975—Twenty-sixth Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, Cleveland Convention Center, Cleveland, Ohio. Contact: Peter M. Castle, 1975 Pittsburgh Conference, Building 401, Room 4A31, Westinghouse Research Laboratories, Beulah Rd., Pittsburgh, Pa. 15235.
 Mar. 7-8, 1975—23rd Annual Food Technology Conference, St. Louis and Kansas City Sections, Institute of Food Technologists, University of Missouri, Columbia, Mo. Contact: Robert A. Berger, Secretary, Institute of Food Technologists, 2280 Chaffee Dr., St. Louis, Mo. 63141.
 Mar. 19-20, 1975—"Future Developments for Additives, Chemicals, Fillers, and Reinforcements for Resins, Molding Compounds, Foamed Plastics, Film, Sheeting, Profiles Laminates and Synthetic Resin Coatings" Symposium, i.b./c.c. Contact: i.b./c.c. Administration, Nieuwelaan 65, B - 1820 Strombeek, Belgium.
 April 13-18, 1975—"Photoelectron Spectroscopy and ESCA" short course, The Chemical Society, University College of Swansea, Swansea, Wales, England. Contact: M.D. Robinson, Education Officer, The Chemical Society, Burlington House, London, W1V 0BN, England.
 April 13-18, 1975—"The Uses of Computers in Chemistry" short course, The Chemical Society, University of Manchester Institute of Science and Technology, Manchester, England. Contact: M.D. Robinson, Education Officer, The Chemical Society, Burlington House, London, W1V 0BN, England.
 April 14-18, 1975—Labex International 75, sponsored by UTP Exhibitions Ltd., Earls Court, London, England. Contact: Bevan M. Gilpin, Labex International 75, UTP Exhibitions Ltd., 121 King St., London, W6 9JG, England.
 April 17-18, 1975—4th International Symposium on Metal Catalyzed Lipid Oxidation, sponsored by the Society of Chemical Industry, International Society for Fat Research, Biochemical Society, and Chemical Society, St. Bartholomew's Hospital Medical College, London, England. Contact: Dr. P.A.T. Swoboda, ARC Food Research Institute, Colney Lane, Norwich, NOR 70F, England.
 May 4-8, 1975—2nd National Conference on Complete Water Reuse, "Water's Interface with Energy, Air, and Solids," American Institute of Chemical Engineers, Palmer House, Chicago, Ill. Contact: Joel Henry, AIChE, 345 E. 47th St., New York, N.Y. 10017.
 May 21-24, 1975—52nd Annual Meeting of The American Institute of Chemists, Copley Plaza Hotel, Boston, Mass. Contact: Miss Margaret Coffey, American Institute of Chemists, 7315 Wisconsin Ave., Washington, D.C. 20015.
 May 25-27, 1975—Fourth International Conference on Sintering and Related Phenomena, University of Notre Dame, Notre Dame, Ind. Contact: Dr. G.C. Kuczynski, Box E, Notre Dame, Ind. 46556.
 May 26-28, 1975—58th Canadian Chemical Conference and Exhibition, The Chemical Institute of Canada, Toronto. Contact: Don Emmerson, The Chemical Institute of Canada, 151 Slater St., Suite 906, Ottawa, Ontario, K1P 5H3, Canada.
 July 6-18, 1975—First Annual Ocean Science and Engineering Course, UCLA Extension, Americana Hotel, Los Angeles, Calif. Contact: Dr. Tom R. Mincer, Department of Continuing Education in Engineering and Mathematics, 6266 Boelter Hall, UCLA, Los Angeles, Calif. 90024.

Aug. 3-9, 1975—X International Congress of Nutrition, sponsored by International Union of Nutritional Sciences, Kyoto International Conference Hall, Kyoto, Japan. Contact: Mr. Masao Kanamori, c/o Kyoto International Conference Hall, Takara-ike, Sakyoku, Kyoto 606, Japan.

Sept. 1-5, 1975—"High Performance Liquid Chromatography" short course, The Chemical Society, University of Sussex, Sussex, England. Contact: M.D. Robinson,

Education Officer, The Chemical Society, Burlington House, London, W1V 0BN, England.

Sept. 15-19, 1975—"Quantitative Treatment of Experimental Data in Chemistry" short course, The Chemical Society, University of Manchester Institute of Science and Technology, Manchester, England. Contact: M.D. Robinson, Education Officer, The Chemical Society, Burlington House, London, W1V 0BN, England. ■



NEW BOOKS

J. F. GERECHT, BOOK REVIEW EDITOR

Air Pollution Odor Control Primer, Frank L. Cross, Jr., (Technomic Publishing, Westport, Conn., 110 p., \$20.00).

The *Primer* is a paperback book surveying methods of odor control. After a brief introduction as to why odor is a problem, the various chapters cover techniques used for removing odoriferous compounds from an air stream. Covered are unit operations of dispersion, absorption, adsorption, and condensation, as well as the unit processes of incineration and ozonation. Economics are covered on one page.

The text provides a review of odor control techniques of interest to those with little technical background and minimum experience in the field. Chemists or chemical engineers will find the material too simplified to be of value. Most data are either too simple or are too skimpy to be useful.

Odor control regulations given for St. Louis and Los Angeles are dated 1969 and are typical but not current nor all inclusive. These are included in an appendix under the chapter title "Comparison of Control Systems and the Economics Involved." This is hardly an appropriate title to odor thresholds in air, odor regulations, and four case histories. The odor regulations also are obsolete.

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Aliphatic Chemistry, Vol. 2, W. Parker, senior reporter (The Chemical Society, London, England, 1974, 323 p., ca. \$26.30).

Aliphatic Chemistry, Vol. 2, covers the area of aliphatic chemistry for the period January-December 1972, and is a natural, logical follow-up of the previous volume which covered the period January 1970-December 1971. The current volume is a veritable gold mine of information for lipid chemists interested in the organic chemistry of long chain aliphatic compounds.

The coverage in the book can best be described by listing the chapter titles: Chapter 1, "Acetylenes, Alkanes, Alkenes, and Alkenes," by R.S. Atkinson; Chapter 2, "Functional Groups Other than Acetylenes, Alkanes, Alkenes, and Olefins," by E.W. Colvin; Chapter 3, "Naturally Occurring Polyolefinic and Polyacetylenic Compounds," by G. Pattenden; and Chapter 4, "Chemistry of the Prostaglandins," by G. Pattenden. In addition, there is an author index. Each of the chapters is replete with equations, structural formulas, and, of considerable importance, reaction mechanistic pathways.

Since many of the reactions discussed in this volume are complicated, the mechanistic information is extremely helpful. Although every chapter in the book is important to

lipid chemists, Chapters 2 and 4 are particularly useful. Thus, in Chapter 2, the functionalized compounds are carboxylic acids, lactones, β -hydroxy acids and esters, α -anions, esters, amides, nitriles, isonitriles, ketones and aldehydes, amines, alkyl halides, alcohols, ethers, sulphur compounds, and miscellaneous functionalized compounds. In every instance in Chapter 2, synthetic pathways, as well as reaction of the functionalized compounds, are given with adequate detail and with excellent clarity.

It is not necessary to belabor the point of the importance of Chapter 4 to lipid chemists as the chemistry of the prostaglandins has excited imagination of many chemists, clinicians, and industrial scientists. The year 1972 was a particularly rich year in the area of the chemistry of the prostaglandins, and this volume gives an excellent overview and literature survey of the activity in that field during the year.

Each of the contributors has done an outstanding job in presenting the materials succinctly and clearly, but as senior reporter, Parker deserves special credit for the overall organization and high quality of this work. Every lipid chemist interested in the synthesis, properties, and the reactions of long chain aliphatic compounds should have this book in his library; the relatively high price may discourage many from purchasing the book for their own personal use, but every library should certainly have a copy.

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Gradient Liquid Chromatography, C. Liteanu and S. Gocan (Halsted Press: Division of John Wiley & Son, New York, N.Y., 1974, 313 p., \$27.50).

This book is well laid out, and its table of contents allows one to find subjects quickly. The extensive references cited are listed at the end of each chapter.

The authors deal with fundamental research and use complex mathematical derivations to prove points. Because it does not consider the selection of solvents and columns for given separation, the book will be of little help to the practicing chromatographer; nor does it refer to any of the new high pressure gradient-forming equipment that are being used widely today.

The authors give no sample guidelines in the selection of solvent strength nor cite the problems that can be associated with liquids of quite different viscosity and of limited miscibility. They omit the problems with solvent impurities, nor do they spell out the requirements to maintain thermodynamic equilibrium or for the need to reestablish equilibrium prior to the injection of the next sample.

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