## Meetings

# T. LAND CO.

#### **AOCS NATIONAL MEETINGS**

Annual Meeting, 1978: May 14-18-St. Louis, MO, Chase Park Plaza Hotel.

#### **WORLD CONFERENCE**

World Conference on Soaps and Detergents: Oct. 9-14, 1977—Montreux Convention Center, Montreux, Switzerland.

#### NORTH CENTRAL SECTION MEETINGS

May 25, 1977—Ladies Night, Carson Inn, Nordic Hills, Itasca, Illinois; social hour, 5:30 p.m.; supper, 6:30 p.m.

For information on all North Central Section meetings: Contact: F. Kincs, The Quaker Oats Co., 617 W. Main St., Barrington, IL 60010 (312-381-1980).

#### NORTHEAST SECTION MEETINGS

June 14, 1977-Nutrition; Robinhood Inn, Clifton, NJ. Chairman: H. Gordon.

#### 1977

- May 16-18, 1977—Synthetic Organic Chemical Manufacturers Association 1977 Spring Business Meeting, Seaview Country Club, Absecon, NJ. Contact: SOCMA, 1075 Central Park Ave., Scarsdale, NY 10583 (tele: 914-725-1492).
- May 17-19, 1977-23rd Annual Instrument Society of America's Analysis Instrumentation Symposium, Charleston, WV. Contact: ISA, 400 Stanwix St., Pittsburgh, PA 15222 (tele: 412-281-3171).
- May 24-26, 1977-24th Annual Western Safety Congress, "Safety Makes Sense," Anaheim Convention Center, Anaheim, CA. Contact: Greater Los Angeles Chapter, National Safety Council, 3388 W. 8th St., Los Angeles, CA 90005 (tele: 213-385-6461).
- May 24-27, 1977-12th Annual Microwave Power Symposium, International Microwave Power Institute (IMPI), Radisson Hotel, Minneapolis, MN. Contact: Ms. Verna M. Ludvigson, Litton Microwave Cooking Products, 1405 Xenium Lane North, Minneapolis, MN 55440 (tele: 612-553-2359).
- May 29-June 3, 1977—ASTM Technical Committee E-14 on Mass Spectrometry, Washington Hilton, Washington, DC. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).
- May 31-June 2, 1977-1st International Conference on Pharmaceutical Technology Association de Pharmacie Galenique Industrielle, Faculty of Pharmacy Paris-Sud, Paris, France. Contact: Professor D. Duchene, APGI, Rue J.B. Clement, 92290 Chatenay-Malbtry, France (Paris tele: 660.06.11, Ext 585).
- June 5-7, 1977—International Oil Mill Superintendents Association, Fort Worth, TX. Contact: Wilson Florey, Traders Oil Mill, Fort Worth, TX.

- June 5-8, 1977—Institute of Food Technologists "Food Expo," Philadelphia (PA) Civic Center. Contact: Dan Weber, Director of Convention Services, Institute of Food Technologists, 221 N. LaSalle St., Chicago, IL 60601.
- June 13-17, 1977—Short course on Emulsion Polymerization and Latex Technology, Lehigh University, Bethlehem, PA. Contact: Dr. Gary Poehlein, Lehigh University, Dept. of Chemical Engineering, Whitaker Lab #5, Bethlehem, PA 18015 (tele: 215-691-7000, ext. 530).
- June 16-19, 1977—Biennial Conference, Oil and Colour Chemists Association, Grand Hotel, Eastbourne, England. Title: The Conservation of Energy, Materials, and Other Resources in the Surface Coatings Industry. Contact: Director and Secretary, Oil and Colour Chemists' Association, Priory House, 967 Harrow Rd., Wembley, Middlesex, England HAO 2SF (tele: 01-907-1086; telex: 922670 OCCA Wembley).
- June 19-21, 1977-52nd Convention of the Tri-States Oil Mill Superintendents Association, Buena Vista Hotel, Biloxi, MS. Contact: Raymond Rush, Anderson Clayton, Jackson, MS.
- June 20-21, 1977—ASTM Symposium on Quantitative and Statistical Analyses of Biological Data in Water Pollution Assessment, Radisson Hotel, Minneapolis, MN. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).
- June 20-22, 1977—Seventh annual IFAC/IFIP Real Time Programming Workship, Eindhoven, The Netherlands. Contact: C.H. Smedema, Philips Research Laboratories, Eindhoven, The Netherlands.
- June 20-24, 1977—Air Pollution Control Association's 70th Annual Conference and Exhibition, Sheraton Centre Hotel, Toronto, Ontario, Canada. Contact: Public Relations Department, APCA, P.O. Box 2861, Pittsburgh, PA 15230.
- June 20-24, 1977-EUROCHEM 77, Clapp & Poliak, National Exhibition Centre, Birmingham, England. Contact: Clapp & Poliak, Inc., 245 Park Ave., New York, NY 10017 (tele: 212-661-8410).
- June 24-27, 1977-Joint Automatic Control Conference, Hyatt Regency Hotel, San Francisco, CA. Contact: M.A. Keyes, Secretary and Director, American Automatic Control Council, c/o Bailey Meter Co., 29801 Euclid Ave., Wickliffe, OH 44092.
- June 26-28, 1977-9th Annual Convention of the National Confectioners' Association. Contact: NCA, 5101 Wisconsin Ave., Washington, DC.
- June 26-29, 1977-ASTM Technical Committee D-1 on Paint and Related Coatings and Materials, Brown Palace, Denver, CO. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).
- June 26-July 1, 1977-ASTM Technical Committee D-2 on Petroleum Products and Lubricants, Brown Palace, Denver, CO. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).
- June 27, 1977-ASTM Technical Committee E-12 on Appearance of Materials, Brown Palace, Denver, CO. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).
- June 27-29, 1977-ASTM Technical Committee E-3 on Chemical Analysis of Metals, Brown Palace, Denver, CO. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).

27 years ago, Dravo's Chemical Plants Division built the world's first Rotocel® Extraction Plant . . . and we are now approaching

The Rotocel is designed for processing oilseeds and other granular solids such as wood, polymers, ores and minerals. It is available in two downflow models—the compact factory-assembled Mark Series and the standard model—in various sizes.

The Rotocel is also available in

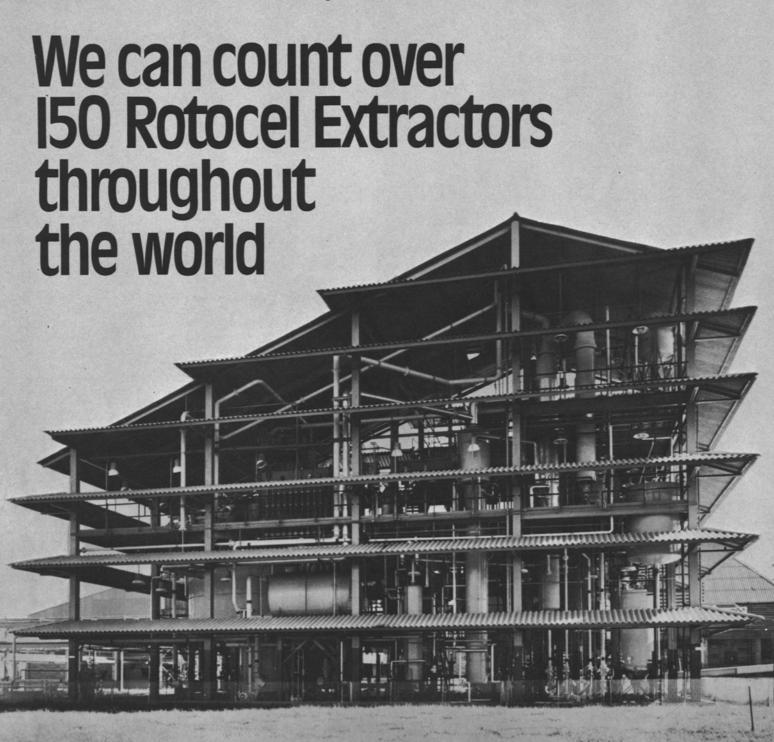
an upflow model for special applications.

Your investment with Dravo is an investment in experience that has brought about dramatic improvements in technology, along with decreased manpower, less steam, reductions in solvent, and simpler, more reliable equipment.

For proven performance in extraction plant equipment, write to Chemical Plants Division, Dravo Corporation, One Oliver Plaza, Pittsburgh, Pa. 15222.

Our engineers will assist you in the planning, development, and construction of your entire facility.





- June 27-July 1, 1977-Massachusetts Institute of Technology Summer School Program, "Enzymes and Their Use in Analysis and Clinical Diagnosis," MIT, Cambridge, MA. Contact: Director of the Summer Session, Room E19-356, Massachusetts Institute of Technology, Cambridge, MA 02139.
- June 27-July 1, 1977-Short course: "Statistical Time Series Analysis," University of California at Berkeley, CA. Contact: Continuing Education in Engineering, Univ. of Calif. Extension, 2223 Fulton St., Berkeley, CA 94720 (tele: 415-642-4151).
- June 28-29, 1977-ASTM Technical Committee G-3 on Deterioration of Nonmetallic Materials, Brown Palace, Denver, CO. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).
- June 28-20, 1977—ASTM Technical Committee D-16 on Aromatic Hydrocarbons, Brown Palace, Denver, CO. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).
- July 14, 1977-COLOR 77, 3rd Congress, International Colour Association, Troy, NY. Contact: Dr. Fred W. Billmeyer, Jr., Department of Chemistry, Rennselaer Polytechnic Institute, Troy, NY 12181 (tele: 518-270-6458).
- July 24-29, 1977-Symposium for Innovation in Measurement Science, Hobart/Smith College, Geneva, NY. Contact: Peter Vestal, Instrument Society of America, 400 Stanwix Street, Pittsburgh, PA 15222 (tele: 412-281-3171).
- August 1-6, 1977-Symposium on Hepatic and Biliary Lipids, Given Institute of Pathobiology, Aspen, CO. Contact: Ms. Joan Leatherbury, Executive Secretary, Given Institute of Pathobiology, 100 E. Francis, Aspen, CO 81611.
- August 15-19, 1977-Joint U.S.-Mideast Business Conference, St. Francis Hotel, San Francisco, CA. Contact: John J. Fogarty, Director of Marketing, Joint Mideast-American Business Conference, 420 Lexington Ave., Suite 646, New York, NY 10017 (tele: 212-490-0125).
- August 21-26, 1977-28th Annual Meeting, Society for Industrial Microbiology with American Institute of Biological Sciences, Michigan State University, East Lansing, MI. Contact: Ann Kulback, Society for Industrial Microbiology, 1401 Wilson Blvd., Arlington, VA 22209.
- August 29-Sept. 1, 1977—Symposium on Stationary Source Combustion (USEPA), New Orleans, LA. Contact: Betty Farley, Symposium Coordinator, Acurex Corp., Aerotherm Division, 485 Clyde Ave., Mt. View, CA 94042 (tele: 415/964-3200, ext. 535).
- August 29-Sept. 1, 1977-Sixth International Symposium on Drugs Affecting Lipid Metabolism, Philadelphia, PA. Contact: Dr. William L. Holmes, Scientific Secretary, Symposium on Drugs Affecting Lipid Metabolism, Lankenau Hospital, Philadelphia, PA 19151 (tele: 215/MI9-1400).
- August 29-Sept. 1, 1977—Symposium on Stationary Source Combustion, U.S. Environmental Protection Agency, New Orleans, LA. Contact: Betty Farley, Symposium Coordinator, Acurex Corp/Aerotherm Division, 485 Clyde Ave., Mt. View, CA, 94042 (tele: 415-964-3200, ext. 535).
- Sept. 6-8, 1977-20th International Conference on the Biochemistry of Lipids, Aberdeen, Scotland. Contact: Dr. G.A. Garton, Department of Lipid Biochemistry, Rowett Research Institute, Bucksburn, Aberdeen, AB2 9SB, Scotland.
- Sept. 17-21, 1977-XVI World's Poultry Congress, Rio de Janeiro, Brazil.
- Sept. 18, 1977—International Federation of Societies of Cosmetic Chemists 1977 Council Meeting, Sheraton Hotel, Brussels, Belgium. Contact: IFSCC, 56 Kingsway,

- London WC2B 6DX, England; or ABA, 49 Square Marie-Louise, B-1040 Bruxelles, Belgium.
- Sept. 20, 1977—International Federation of Societies of Cosmetic Chemists symposium on "The Many Faces of Cosmetic Research," Sheraton Hotel, Brussels, Belgium. Contact: IFSCC, 56 Kingsway, London WC2B 6DX, England; or ABA, 49 Square Marie-Louise, B-1040 Bruxelles, Belgium.
- Sept. 21-23, 1977-Deutsche Gesellschaft für Fettwissenschaft e.V., Annual Meeting, Würzburg, Germany. Contact: Dr. Brüning, Deutsche Gesellschaft für Fettwissenschaft, Soester Straße 13, 4400 Münster, Germany.
- Sept. 25-28, 1977-Pacific Paint '77, OCCAA Australia, Canberra, Augtralia. Contact: Norman M. MacLeod, OCCAA Australia, P.O. Box 83, Punchbowl, N.S.W. 2196, australia.
- Sept. 28-30, 1977—"Nutrition and Work," 3rd International Symposium, Nancy, France. Contact: Secretariats Scientifiques et Administratifs, Department de Nutrition et des Maladies Metaboliques de l'University de Nancy, 40 Rue Lionnois, 54000 Nancy, France (tele: 28-52.67.39).
- Sept. 28-30, 1977-AACC Conference on the Relationship of the Laboratory to the Physican, Annapolis Hilton Inn, Annapolis, MD. Contact: William J. Campbell, AACC, 1725 K St., NW, Washington, DC 20006 (tele: 202-833-3590).
- Oct. 7-17, 1977-VII International Congress of Essential Oils, Kyoto International Conference Hall, Kyoto, Japan. Contact: VII International Congress of Essential Oils, c/o Kyoto International Congress Hall, Takara-ike, Sakyo-ku, Kyoto, 606, Japan.
- Oct. 11-13, 1977-MariChem 77, devoted to marine transportation, handling, and storage of chemicals, Congress Centrum, Hamburg, Germany. Contact: MariChem Secretariat, 2 Station Road, Richmansworth, Hertz WD3 1QP, England.
- Oct. 11-15, 1977-Intercolor 77, "Color Technology-Today and Tomorrow," International Exhibition for Colour Technology, Schweizer Mustermesse Halls 22 and 24, Basle, Switzerland. Contact: Mack-Brooks Exhibitions Ltd., 62/64 Victoria St., St. Albans, Herts, England AL1 3XT.
- Oct. 17-20, 1977—Instrument Society of America conference and exhibit, theme, "Progress through Technology and Education," International Convention Center, Niagara Falls, NY. Contact: Niagara Falls/77, Instrument Society of America, 400 Stanwix St., Pittsburgh, PA 15222 (tele: 412-281-3171).
- Oct. 17-20, 1977-91st Annual Meeting of the Association of Official Analytical Chemists (AOAC), Marriott Hotel, Twin Bridges, Washington, DC. Contact: Luther G. Ensminger, AOAC, Box 540, Benjamin Franklin Station, Washington, DC 20044.
- Oct. 23-26, 1977-27th Canadian Chemical Engineering Conference, Calgary Convention Centre, Calgary, Alberta, Canada. Contact: Canadian Society for Chemical Engineering.
- Oct. 26-28, 1977-55th Annual Meeting and 42nd Paint Industries' Show of the Federation of Societies for Coatings Technology, Astrohall, Houston, TX. Contact: Federation of Societies for Coatings Technology, 1315 Walnut St., Suite 830, Philadelphia, PA 19107 (tele: 215-545-1506).
- Oct. 31-Nov. 1, 1977—American Society for Testing and Materials Symposium on Aquatic Toxicology (ASTM), Holiday Inn Cleveland Airport West, Cleveland, OH. Contact: Mr. Marking or Miss Jane B. Wheeler, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215/299-5413).

Nov. 6-11, 1977-Fourth Joint Conference on Sensing of Environmental Pollutants, New Orleans Hilton Hotel, New Orleans, LA. Contact: Mrs. Barbara R. Hodsdon, American Chemical Society, 1155 16th St., NW, Washington, DC 20036 (tele: 202-872-4401).

Nov. 14-17, 1977-1977 Fall Meeting of the National Fire Protection Association, Atlanta Mariott Hotel, Atlanta, GA. Contact: Richard D. Peacock, National Fire Protection Association, 470 Atlantic Ave., Boston, MA 02210 (tele: 617-482-8755).

Nov. 14-15, 1977-American Society for Testing and Materials Symposium on Influence of Carbon, Nitrogen, and Residual Element Chemistry on the Behavior of Austenitic Stainless Steels Used in Construction, Atlanta, GA. Contact: C.R. Brinkman or Ms. Jane B. Wheeler, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215/299-5413).

Nov. 14-16, 1977-1977 Plastics Seminar "Managing Corrosion Problems with Plastics," Fairmont Hotel, New Orleans, LA. Contact: Harvey E. Atkinson, seminar chairman, E.I. du Pont de Nomours and Company, Wilmington, DE 19898.

December 5-8, 1977-36th Exposition of Chemical Industries, McCormick Place, Chicago, IL. Contact: International Exposition Co., 200 Park Ave., New York, NY 10017.

#### 1978

Jan. 26-29, 1978-51st Annual SDA Industry Convention, Boca Raton Hotel and Club, Boca Ration GL. Contact: Mrs. Kathleen Campbell, The Soap and Detergent Association, 475 Park Avenue South, New York, NY 10016 (tele: 213-725-1262).

January 30-31, 1978-ASTM Symposium on Methodology for Biomass Determinations and Microbial Activities in Sediments, Ft. Lauderdale, FL. Contact: Hank Hamilton, ASTM, 1916 Race St., Philadelphia, PA 19103 (tele: 215-299-5478).

July 10-13, 1977-World Conference on Future Sources of Organic Raw Materials, sponsored by International Union of Pure and Applied Chemical, The chemical Institute of Canada, and The American Chemical Society. Contact: The Chemical Institute of Canada, 906-151 Slater Street, Ottawa, Ontario, Canada K1P 5H3 (tele: 613-233-5623).

#### NRA symposium in Yugoslavia

The National Renderers Association office in Brussels, Belgium, in cooperation with the Yogoslavian Feed Manufacturers Association, sponsored an International Symposium on Animal Fats in Pig Feeding from April 20-22, 1977, in Cavtat/Dubrovnik, Yogoslavia.

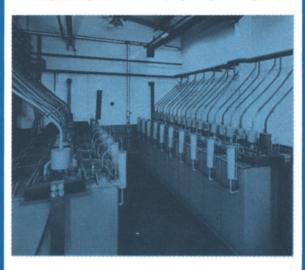
#### ISA symposium July 24-29

The Instrument Society of America's 1977 Symposium for Innovation in Measurement Science will be held July 24-29, 1977, at Hobart/Smith College, Geneva, NY. The program will include impact of technology, industrial measurement, environmental topics, spectroscopy, medical technology, data handling, and analysis. Fee is \$190, including room and board. For further information, contact Peter Vestal, ISA, 400 Stanwix St., Pittsburgh, PA 15222 (tele: 412-281-3171).

The ISA also has available its 48-page 1977 publications catalog listing more than 220 proceedings, handbooks, cassettes, films, journals and other items produced by the ISA. A free copy is available from the address listed above.



### World Wide **Electrolytic Hydrogen Plants and Generators**



Stuart electrolytic hydrogen plants have a proven record of performance with a total of 400 installations in over 60 countries. For more than 40 years, an enviable reputation has been established with custombuilt Electrolyser plants.

The unique Stuart Cell produces hydrogen and oxygen of high purity and requires little attention for periods of 10 to 15 years. Maintenance work is easily undertaken with little interruption as the modular construction of Electrolyser plants facilitates on-site servicing to be carried out.

Stuart Electrolytic Hydrogen Plants provide:

- Economical production
- Automatic operation
- Safe, reliable performance
- Output from 50 to 200,000 CFH

For further details, please contact:

#### THE ELECTROLYSER CORPORATION LTD.

124 The West Mall, Etobicoke, Ontario M9C 1B9 Telephone: (416) 621-9410, Telex: Electrolys 06-967771

Manufacturers of the Stuart Cell