



Meetings

AOCS National Meetings

- Oct. 5-8, 1969—Minneapolis, Leamington Hotel.
- April 26-30, 1970—New Orleans, Jung Hotel.
- Sept. 27-Oct. 1, 1970—Chicago, Conrad Hilton Hotel.

AOCS Section Meetings

- North Central Section—Nov. 19, 1969, Swedish Club, Chicago, Ill.
- Northeast Section—Oct. 28, 1969, Franklin Motor Inn, Philadelphia, Penn; Dec. 2, 1969, Military Park Hotel, Newark, N.J.

Other Organizations

- Oct. 19-22, 1969—19th Canadian Chemical Engineering Conference, The Canadian Society for Chemical Engineering, and 3rd Symposium on Catalysis, Physical Chemistry Division, University of Alberta, Edmonton, Alberta, Canada.
- Oct. 27-30, 1969—Instrument Society of America, 24th International Instrumentation-Automation Conference and Exhibit, Astrodome, Houston, Texas
- Nov. 2-7, 1969—Society of Cosmetic Chemists Arden House Conference, Joint Sponsorship with Columbia University College of Pharmacy, Arden House, Harri-man, N.Y.
- * November 5-8, 1969—47th Annual Meeting of the Federation of Societies for Paint Technology, Conrad Hilton Hotel, Chicago, Illinois.
- * November 21-22, 1969—Second Regional Industrial Pollution Conference (Air, Water and Noise), The University of Michigan, Ann Arbor, Michigan.
- * December 1-5, 1969—32nd Exposition of Chemical Industries, New York Coliseum, New York City.
- Dec. 1-5, 1969—32nd Exposition of Chemical Industries, The New York Coliseum, New York, N.Y.
- Dec. 2, 1969—Society of Cosmetic Chemists Annual Scientific Meeting and Medal Award Dinner Dance, Americana Hotel, New York City.
- March 1-6, 1970—21st Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, Cleveland Convention Center, Cleveland, Ohio.
- July 7-9, 1970—International Association of Seed Crushers, the Royal Garden Hotel, London, England.
- Sept. 20-23, 1970—International Conference on the Science, Technology and Marketing of Rapeseed and Rapeseed Products, Chantecler Hotel, St. Adele, Quebec.

* Additions to previous calendar

Washington University and American Chemical Society to Conduct Two Short Courses

Washington University and the St. Louis Section, American Chemical Society, will conduct two short courses, including some of the latest topical areas in chemical instrumentation, in early November. The first course, entitled "Biomedical and Clinical Applications of Gas Chromatography," will take place November 5-8 at Washington University in St. Louis. Main subject areas will be: special instrument requirements for biomedical gas chromatography; injector, column and detector technology and performance; automated gas chromatography in routine analysis and radio gas chromatography of labeled substances; state-of-the-art of the gas chromatographic analysis of fatty acids, amino acids, steroids, urinary acids, carbohydrates, lipids, terpenes and others, including sample preparation and formation of volatile derivatives; selection of equipment, setting up, operation and economics of biomedical GC laboratory.

The second course, "Combined Gas Chromatography/Mass Spectrometry," will be presented on November 10-13. Main subject areas will be: the effect of GC resolution, sample capacity, flow rates and detection on the performance of GC-MS systems; technology, properties, performance and comparison of the GC-MS interfaces, including the Biemann, Ryhage, Llewellyn and palladium separators and their various versions; mass spectrometer requirements in GC-MS; scan rate, mass marking, sensitivity, column bleed interference, high and low resolution; computer and conventional trace analysis; selection of equipment, setting up and operation of GC-MS laboratory.

Dow Awarded Contract for Waste Treatment Operation

The DOW CHEMICAL COMPANY has been awarded a contract by the City of Cleveland for temporary operation of the Westerly Sewage Disposal Plant at Cleveland, Ohio. Dow will provide operations, chemical and pilot-plant technology at Westerly, a primary plant, for a period of about 3½ months beginning the latter part of July 1969. The principal purpose of the operation is to remove phosphorus from the waste water at the facility. Evaluations will be conducted, on a pilot-scale level, in an effort to determine the most advantageous processes for increasing the removal of phosphorus and other pollutants from the waste. Products to be evaluated will include ferric chloride and anionic flocculants.

Other materials to be evaluated during the contract period include biological oxidation media, pilot-size sand filter and activated carbon filter facilities, and cationic flocculants for conditioning of sludge to expedite final disposal. A 60% reduction of suspended solids in effluent is guaranteed by Dow.

Consideration is also being given to erecting a Dow Dome over pilot plant facilities before cold weather begins. The domes have proved highly successful at waste disposal operations throughout the country. The Dow contract represents an entirely new concept in waste treatment evaluation. This marks the first time that responsibility for actual operation of an entire waste treatment plant of this type has been turned over to an outside concern.

Dr. Edward Martin, chairman of the Clean Water Task Force for the City of Cleveland, said that pilot-plant data, to be compiled by Dow during the evaluations, will be utilized by Cleveland engineers in designing full-scale secondary treatment facilities. These data will also provide them with direction on how to improve the operations of various stages of the existing primary treatment plant.