

# AOCS-ISF Announces Computer Symposium for Chemists

A computer symposium designed especially for chemists includes descriptions of computer systems and applications in various chemical fields. The symposium is part of the AOCS-ISF World Congress to be held September 27-October 1, 1970, at the Conrad Hilton Hotel in Chicago, Illinois, USA.

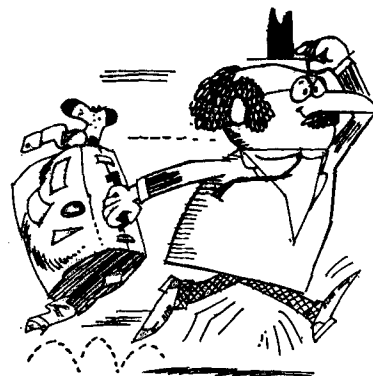
Computer systems from programmable calculators and desk top computers to time-sharing with a large computer complex and including dedicated laboratory computer systems will be described for chemists by authorities in these fields. Applications in spectroscopy, chromatography, fatty acids, foods, pesticides, lipids and other areas will be presented by individual researchers from Australia, Europe and North America. Data acquisition, instrument interfacing and laboratory automation will be discussed.

The symposium is designed for the chemist who is contemplating the use of computers or who may be using one computer system and needs organized, factual information presented in a concise manner to enable him to choose the best solutions for his individual requirements. The World Congress is sponsored jointly by the American Oil Chemists' Society and the International Society for Fat Research.

Abstracts of the symposium papers are available prior to the meeting. Those interested in attending should contact the symposium chairman, Leonard H. Ponder, Research Chemist, American Enka Corporation, Enka, North Carolina 28728, USA.

The program will include:

- Introduction to Modern Computers: Development, Terminology, Uses, James Brown, Managing Editor, Auerbach Standard EDP Reports.
- An Off-Line System for Data Acquisition and Analysis, R. C. Master, Engineering Manager, Analytical Chemistry, Nuclear Data.
- Time Sharing Today, J. G. Rude, Chairman of the Board, Call-A-Computer.
- The Desk Top Computer: I. General Capabilities; II. Applications in a Clinical Chemistry Laboratory, W. R. Dito, Director of Laboratories, Pontiac General Hospital.
- Application of a Desk Top Computer to Chemistry, A. P. Damoglou, Research Scientist, CSIRO (Australia).
- A Computer Approach Toward Automation of a Chemical Services Laboratory: I. Instrument Support, E. L. Schneider, Manager, Ralston Purina Company, and Arvid Munson.
- A Computer Approach Toward Automation of a Chemical Services Laboratory: II. Management Information, Arvid Munson, Manager, Ralston Purina Company, and E. L. Schneider.
- A Computerized Search System for Infrared Spectral Data, B. M. Vasta, Chief, Chemical Compound Information, FDA.
- Use of the Computer as a Technical Service Tool in Pesticide Formulations, B. F. Fay, Laboratory Supervisor, Atlas Chemical Industries.
- Computer Processing of Gas Chromatographic Data: Analysis of Fatty Acid Mixtures Using an Off-Line Magnetic Tape System, G. J. Nelson, Lawrence Radiation Laboratory.
- Collection, Storage and Processing Gas Chromatographic Data by Digital Integrator-Paper Tape Punch Computer System, H. E. Pattee, Research Chemist, Market Quality Research, USDA, and J. A. Singleton, Chemist.
- Digital Registration on Magnetic Tape of Data From 15 Gas Chromatographs, F. Woutman, Chemist, AKZO Research Laboratories, (The Netherlands).
- Applications of Nonlinear Programming to Detergent Formulations, E. C. Steinle, Project Scientist, Union Carbide Corporation, C. D. Hendrix, Research Scientist, and R. R. Fields, Chemist.
- Improved Software for GC Automation Via the Time Share Computer, G. D. Dupre, J. M. Gill and J. R. Hubbard, Vidar Corporation.



## Meetings

### AOCS National Meetings

Sept. 27-Oct. 1, 1970—Chicago, Conrad Hilton Hotel.

May 2-6, 1971—Houston, Shamrock Hotel.

Oct. 2-6, 1971—Atlantic City, Chalfonte-Haddon Hall Hotel.

### AOCS Section Meetings

Northeast Section—June 2, 1970, Whyte's Restaurant, New York.

### Other Organizations

June 7-12, 1970—Fourth ISA Process Analytical Instrumentation Short Course, Temple Buell College, Denver, Colorado.

June 9-12, 1970—14th International Conference on the Biochemistry of Lipids, Lund, Sweden.

June 21-26, 1970—73rd Annual Meeting of the American Society for Testing and Materials, Royal York Hotel, Toronto, Canada.

June 23-25, 1970—Fourth International Sunflower Conference, Sheraton-Peabody Hotel, Memphis, Tenn.

June 22-27, 1970—14th International Congress of Esthetics and Cosmetology, Amsterdam, The Netherlands.

July 7-9, 1970—International Association of Seed Crushers, the Royal Garden Hotel, London, England.

July 26-August 1, 1970—5th International Water Pollution Research Conference, San Francisco, California.

Aug. 9-14, 1970—Third International Congress of Food Science and Technology, Washington, D.C.

Aug. 23-25, 1970—41st Annual Meeting of the National Soybean Processors Association, Fairmont Hotel, San Francisco, Calif.

Sept. 20-23, 1970—International Conference on the Science, Technology and Marketing of Rapeseed and Rapeseed Products, Chantecler Hotel, St. Adele, Quebec.

Oct. 11-14, 1970—Ninth Annual Meeting, ASTM Committee E-19 on Chromatography, Brown Palace Hotel Denver, Colorado.

Oct. 14-17, 1970—International Symposium on Computer Applications in Engineering Sciences, Istanbul Technical University, Istanbul, Turkey.

Oct. 12-15, 1970—84th Annual Meeting of the Association of Official Analytical Chemists, Marriott Motor Hotel, Twin Bridges, Washington, D.C.

Oct. 26-29, 1970—ISA 25th Annual Conference and Exhibit on Instrumentation, Systems and Automatic Control, Civic Center, Philadelphia, Pa.

\* Oct. 26-28, 1970—17th Spectroscopy Symposium and Exhibition of Instrumentation, Skyline Hotel, Ottawa, Ontario, Canada.

\* Oct. 26-30, 1970—Fourth Materials Research Symposium, National Bureau of Standards, U.S. Department of Commerce, Gaithersburg, Md.

\* Nov. 2-4, 1970—Technicon International Congress on Automated Analysis, New York Hilton Hotel, New York.

\*Additions to previous calendar.