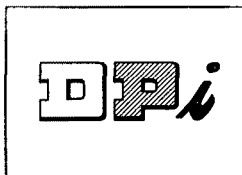


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## Chicago Registration Highest in History

JUBILANTLY the Chicago committee for the 30th annual fall meeting of the American Oil Chemists' Society, held at the Sherman hotel, September 24-26, 1956, reports a total registration, exclusive of exhibitors, of 737. Broken down, the figures are 48 ladies, 483 members, and 206 non-members (including speakers and students). The previous record was made by the New York convention in 1948, with a total record of 713, excluding exhibitors. In this registration were represented 25 states and Washington, D.C., and such foreign countries as Argentina, Canada, Cuba, Mexico, and New Zealand.

A report on the technical program by S. S. Chang appears elsewhere in this issue. Socially speaking, the convention was a great success also, with a complimentary welcome Sunday evening; cocktail party Monday in the Bal Tabarin at the Sherman, thanks to Distillation Products Industries and Eastman Chemical Products Inc.; and dinner and dancing Tuesday, with a fine array of entertainers.

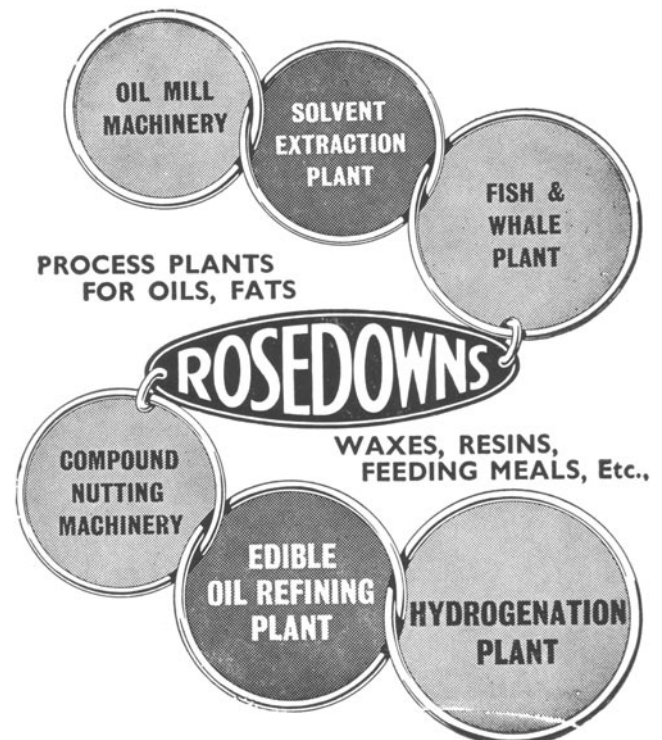
The A.O.C.S. ladies, as usual, had a fine time with their own special program: sight-seeing, luncheon at Imperial House; tour of Chicago Art Institute, luncheon at the Chicago Yacht club; brunch at the Merchants' and Manufacturers' club, Merchandise Mart, followed by a visit to the NBC color TV Bob and Kay show.

Key chairmen for all these events were A. F. Kapecki and C. W. Hoerr, co-chairmen; A. V. Graci Jr., program; W. J. Quick, entertainment; Paul Soderdahl, exhibits; R. J. Vander Wal, publicity; A. A. Rodeghier, registration; Mrs. H. C. Black, ladies' entertainment; and N. W. Ziels, treasurer.

The \$500 award for the best manuscript on a fatty acids subject was given to G. W. Preckshot and J. F. Nouri of the University of Minnesota. This award is given by the Fatty Acid Producers' Council and is administered by the American Oil Chemists' Society, with H. C. Black as chairman. The award was first given in 1955 and will be repeated in 1957.

Thomas H. Coulter, chief executive officer, Chicago Association of Commerce and Industry, opened the fall meeting with a welcoming address in which he commented humorously on the

(Concluded on page 23)



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**SYNTHETIC DETERGENTS**—Final speakers at the fall meeting are Carl Pacifico, R. H. Rogers Jr., chairman, W. G. Spangler (seated); D. L. Anderson, Carl E. Johnson Jr., and J. C. Harris (standing).

The multi-stage jet ejectors were discussed by C. S. Stout of the Elliott Company, and the use of an inert gas system to protect lard and shortening materials from oxidative deterioration during storage and handling was described by J. E. Thompson of the Reliable Packing Company.

### Safety Symposium

The attitude towards safety of two refineries, one solvent manufacturer, and one oil mill machinery manufacturer, was described in the technical safety symposium. Extensive questioning and discussion during this session indicated clearly the success of this symposium.

N. H. White, Central Soya Company, mentioned the special equipment and operating features which contribute to safety in extraction-plant operations. W. F. Bollens listed safety measures adopted in the solvent-extraction plants of Swift and Company. R. P. Hutchins of the French Oil Mill Machinery Company stressed safety and design in solvent-extraction plants. The importance of safety measures in solvent-extraction plants was also discussed by A. E. MacGee of the Skelly Oil Company.

Personal characteristics affecting safety in solvent-extraction operations were enumerated by H. D. Fincher, Anderson, Clayton and Company. The importance of using persons who do not easily get excited was emphasized. The legal view of safety in solvent-extraction plants was outlined by O. J. Jones, Western Oil Company. Specifications for safety in solvent-extraction plants in the state of Texas were discussed.

### Synthetic Detergent Symposium

The synthetic detergent symposium, first of its kind in the history of the American Oil Chemists' Society, attracted the largest audience among all the sessions of the fall meeting. It is also interesting to note that there was a large number of non-members registered to attend this symposium.

A total of 12 papers were presented in the synthetic detergent symposium with three other papers on detergents offered in other sessions. These symposium papers covered the history, survey, and preparation, properties, applications, and evaluations of the various types of surfactants. The papers in the other sessions touched on foam stability evaluation of hand dish-washing detergents by L. O. Leenerts and H. J. Myers of the Purex Corporation, the ethenoxylation of fatty acids and alcohols by A. N. Wrigley, and the triethanolammonium, alkaline earth, and other salts of alpha-sulfonated fatty acids by J. K. Weil. The last two authors are both with the Eastern Regional Research Laboratory.

W. J. Bright, Lever Brothers Company, opened the synthetic detergent session with a discussion of the milestones in the development of synthetic detergents. An interesting survey of surfactants was summarized by Carl Pacifico of the American Alcolac Corporation. A total of 1,059 million pounds of surfactants were used in 1955. Twenty-five different classes of surfactants in 24 different types of applications were included in this survey.

The history, preparation, properties, and applications of six important types of synthetic surfactants were reported: *viz.*, alkylaryl sulfonates by P. E. Geiser of the Continental Oil Company, fatty alcohol sulfates by D. B. Hatcher of the Stepan Chemical Company, alkyloamides by Jerome Kritevsky of Ninol Laboratories, non-ionic surfactants by C. E. Stevens

of Antara Chemicals, ampholytic agents by D. C. Anderson of General Mills Inc., and sugar esters by C. Osipow of Foster D. Snell Inc.

Analytical methods for the organic portion of the detergent products were reviewed by W. G. Spangler of the Colgate-Palmolive Company, and those for the inorganic portion of the detergent products by J. C. Harris, Monsanto Chemical Company.

Two special applications of surfactants were also covered in the synthetic detergent symposium. C. E. Johnson of the California Research Corporation submitted an evaluation of surfactants in oil-field flooding, and J. E. Seymour of the Illinois Farm Supply Company reported on the status of research related to the use of surfactants on various crops and soils. The enthusiasm shown by oil chemists about the synthetic detergent symposium indicates the desirability of publishing more papers about surfactants in the future in the Journal of the American Oil Chemists' Society.

S. S. CHANG  
Swift and Company  
Chicago, Ill.

### CHICAGO REGISTRATION

(Continued from page 10)

difficult words in the titles in the printed program, spoke about the redevelopment of civic pride in Chicago, suggested that high school and college boys be invited in to see industrial plants, and called Chicago the biggest transportation center in the world (8,700,000 air passengers last year).

The December issue will carry more convention news and pictures.

### Meeting

The fourth conference on cottonseed processing as related to the nutritive value of the meal, sponsored jointly by the National Cottonseed Products Association and the Southern Utilization Research Branch of the U.S.D.A., will be held January 14-16, 1957, at the Southern branch laboratory, 1100 Robert E. Lee boulevard, New Orleans, La.

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