

Short Course on Advances in Soaps and Detergents to Feature
Symposium on Biodegradability.
Registration Active

The completed program for the Short Course on "Advances in Soap and Detergents," is bringing a record number of inquiries, according to Eric Jungermann, Program Chairman—from as far away as Japan, Germany and Switzerland. The Course is scheduled to be held at the Princeton Inn, Princeton, N. J., June 23–26. Very active registration indicates that a good cross section of the Chemical and Detergent Industry is being attracted. Over 60 registrations were received by May 1, and single rooms are becoming scarce.

Short Course Fees, Day Registration

Registration, as previously announced, has been set at \$95 and is payable in advance to the American Oil Chemists' Society, 35 E. Wacker Drive, Chicago 1, Ill. This will cover registration fees, room (double occupancy), and all meals at the Princeton Inn. For those members wishing to bring their spouses, a family registration fee of \$60 has been set. A special courtesy fee for student members is available at \$75. Day registration covering a full day's technical session, including lunch, but not dinner, will be \$25.

Biodegradable Detergent Symposium

A symposium on the biodegradability of detergents has been arranged by E. S. Pattison, Manager, Soap and Detergent Association, and will deal with many aspects of this problem. Industry spends millions of dollars annually on research aimed at reducing the amount of so-called undegradable detergents in the nation's water supply. This question recently has come under the scrutiny of Congress. Many phases of this problem will be discussed, including: new raw materials, also the subject of the Monday Session; their effect on detergent

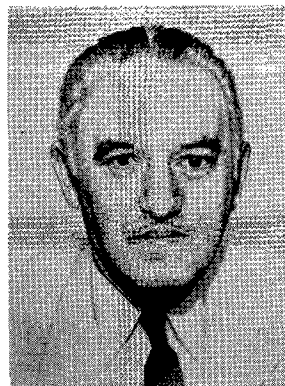
formulations of the future; their chemistry; and legal and economic aspects of the situation, both here and in Europe. R. D. Swisher, Monsanto Inorganic Chemical Research Dept., will discuss the chemistry of the principal biological oxidation mechanisms, and correlate degradation properties exhibited by surfactants with variations in chemical structures. He also will describe the most generally used test methods and discuss interpretation and limitations of the results.

M. M. Cohn, Editorial Director, "Water Works Engineering" and "Wastes Engineering," will discuss federal activity, state and inter-state program dealing with the problem of water resources and pollution. He will discuss the current detergent problem which is an example of visible pollution and which tends to overshadow potentially more serious problems caused by sewage solids and other more detrimental and exotic wastes. A representative of the Shell Chemical Co. will report on the handling of detergent degradation problems in Europe, where laws dealing with the situation have already been enacted. He will discuss the large scale Luton tests conducted by the British Government Committee in progress since 1958. The situation in Europe is changing rapidly, and the speaker will incorporate the latest possible recap of the situation.

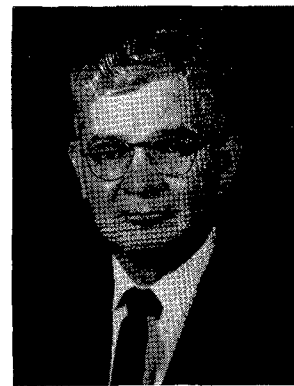
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E. S. Pattison



M. M. Cohn



R. D. Swisher

Short Course on Detergents . . .

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After the respective talks, speakers will answer questions from the floor and discuss topical questions that have been raised. An active audience participation is anticipated.

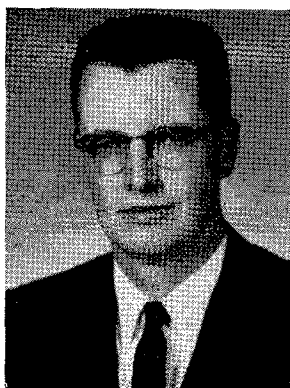
After-Dinner Speeches

The after-dinner speaker for Monday evening will be E. S. Pattison. His talk, entitled "The Climate for Product Improvement," will cover competition in the Soap and Detergent Industry as the motivating force for product improvement, particularly product differences that provide a real basis for individual product promotion. Forces working for the standardization of products and packages, extensively on behalf of the consumer, tend to downgrade the climate for product improvement, "Improved Product" competition has maximized "cleaning value per dollar," and widened the customers' freedom of choice. At the same time, it has contributed to economic growth and provided more opportunities for creative research.

After-dinner Tuesday evening, G. M. Keller, Vice President, Armour and Co., will examine "The Responsibility of Marketing to Research."



J. H. Brant (left) will chairmen the Monday morning session, covering new processes. New products will be emphasized in the afternoon session, chairmaned by F. H. Healey (right).



R. S. Cooper (left), Victor Chemical Co., will discuss Anionic Phosphate Surfactants, at the Monday afternoon session. Wednesday afternoon, R. R. Irani (right), Monsanto Chemical Co., presents Principle and Utility of Nuclear and Magnetic Resonance in Structure Determination of Surfactant Chemicals.



Plant Trips

Tuesday afternoon, June 25, will be open for varied activities and plant trips. Members of the Short Course will visit the International Flavors and Fragrance Corporation's Research and Production facilities.

(Continued on page 40)

Fall Meeting Exhibitors Offered Unusual Display Opportunity

K. E. Holt, Exhibits Chairman for the Fall Convention, Sept. 30-Oct. 2, announced that exhibitors will have an unusual opportunity to display their products in Minneapolis. The traffic pattern from the registration area to

the technical meetings passes through exhibit space, assuring excellent exposure of all booths.

The convention hotel, The Radisson, was the site of the highly successful 1954 Fall Meeting. Since that time the hotel has been given a complete face lifting—new front, new lobby, new parking ramp, new meeting rooms, new exhibit area. In fact, it looks like a new hotel.

Many U.S. companies shied away from the problems of customs and shipping into Canada for exhibits at Toronto. As a result, the Minneapolis Convention offers the



K. E. Holt
Exhibits Chairman

first opportunity in two years for many exhibitors to display their products to the huge fats and oils industry.

The 1963 meeting is expected to exceed the record attendance of the last Minneapolis Convention of The American Oil Chemists' Society—bringing together hundreds of top technical personnel. These are the people that make the recommendations and decisions regarding processing equipment and supplies, raw materials, analytical tools and reagents for their companies. This meeting will afford the supplier an excellent opportunity to meet and talk to these prospective purchasers. The location and accessibility of Minneapolis will also assure the exhibitor a representative group of prospects from all sections of the United States and Canada. You cannot afford to miss this opportunity to display your products.

All who are interested in exhibit space at Minneapolis may obtain details from Exhibit Chairman, K. E. Holt, Archer-Daniels-Midland Co., 733 Marquette Ave., Minneapolis 40, Minn.

Varied Technical Program Planned for Fall Convention in Minneapolis

July 29 Deadline Set for Abstracts

D. H. Wheeler, Program Chairman for the 37th Fall Meeting in Minneapolis, Sept.—Oct. 2, is planning a varied program covering all phases of the fats and oils industry. Sessions on Drying Oils, Chemicals from Fats, Nutrition, Polyunsaturates and Antioxidants in Human Diet, Analytical Methods, Technical Safety and Engineering, Detergents, and other special topics are proposed.

Authors who plan to present technical papers are urged to advise Dr. Wheeler, General Mills Research Laboratory, 2010 East Hennepin Ave., Minneapolis 13, Minn., as soon as possible.

Early indication of subject matter of intended papers will be very helpful in planning the program. Such an indication is not binding to the authors. Submission and acceptance of the usual 100 to 300 word abstract will be the basis for the final program. **THE DEADLINE FOR RECEIPT OF ABSTRACTS IS SET FOR JULY 29.**

Fall in Minnesota, Land of 10,000 Lakes, can be a beautiful and awe-inspiring sight. We expect the excellence of the program to be equalled only by the beauty of the city at this time of year.

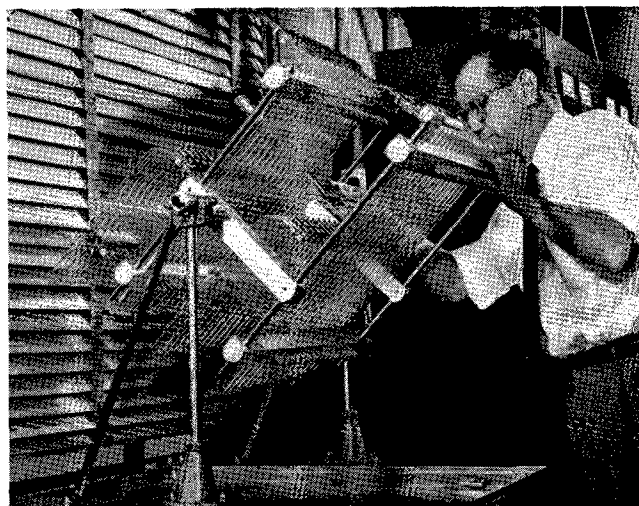
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With Wednesday sessions scheduled to feature Analyses and Properties of Detergents, two of the morning discussions will feature H. B. Trost (left), Hercules Powder Co., presenting Soil Redispersion and M. J. Schick, Lever Brothers Co., discussing Physical Chemistry of Non-Ionic Detergents.

ties at Union Beach, N. J., and the new Research Center of the Colgate-Palmolive Co. in New Brunswick, N. J. Buses for each trip will leave at 1:45 from Princeton Inn. Registrants are asked to indicate their preference on arrival, so that adequate transportation can be provided.

The Colgate-Palmolive Research Center at New Brunswick is situated on 75 acres of land, adjacent to the Rutgers University Science Campus. The building consists of 220,000 sq ft of floor space, containing 209 expandable laboratory modules. The Research Library contains over 19,000 volumes. Among the laboratories to be visited by members of the Short Course will be the Analytical Research Laboratory containing the newest instruments. Equipment such as a mass spectrometer, X-ray diffraction, infrared, ultraviolet and emission spectroscopy equipment, a Tiselius electrophoresis apparatus, a spectrophosphorimeter, and various gas chromatographic units

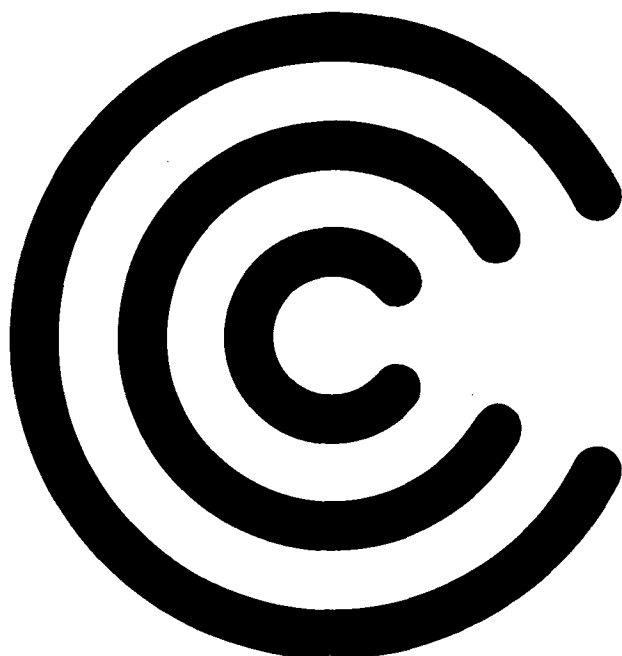


One of the plant trips scheduled for AOCs Short Course registrants will be the new Colgate-Palmolive Research Center in New Brunswick, N. J., where chemist, above, is shown raising a Craig Countercurrent Extraction Apparatus.

will be shown. The computer section for evaluation of chemical data and statistical studies also will be visited and the versatility and use of the computers will be demonstrated. The company's beauty parlor will be shown during operation testing hair and skin preparations. Other highlights of this trip will include a visit to the specially designed high pressure laboratory, and an inspection of the pilot laboratory for the preparation of toilet article products. As a leader in the area of toothpaste technology, Colgate-Palmolive has developed many special pieces of equipment for studying specialized problems in this field. A tester for determining the character of dental abrasives will be shown. Also of interest will be a demonstration of an artificial mouth for the study of the effects of various agents on cariogenic bacteria, and a special apparatus for artificially depositing dental calculus.

If interest is sufficient, arrangements can also be made to visit and tour the campus of Princeton University.

Membership in the American Oil Chemists' Society is not a prerequisite for attending this Course. Please address any further inquiries to Dr. E. Jungermann, American Oil Chemists' Society, 35 E. Wacker Drive, Chicago 1, Ill.



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New Members

(Continued from page 12)

- James P. Radcliffe, Control Laboratory Supervisor, Central Soya Co., Chicago, Ill.
- George L. Selden, Chemist, Procter & Gamble Co., Cincinnati, O.
- Rodolfo J. Vergara, Engineer in charge, Jabones Jalisco, S.A., Guadalajara, Jal., Mexico.

Active Junior

- Abel Villarreal, Graduate Student, University of Illinois, Dept. of Food Technology, Urbana, Ill.

Individual Associate

- John N. McConnell, Vice President, Scientific Products, Div. of American Hospital Supply Corp., Evanston, Ill.

Corporation Associate

- Industrial Filter & Pump Mfg. Co., Frank H. Passalacqua, Manager of Product Development, Cicero, Ill.