

Full Program Completed for Short Course on "Update on Detergents and Raw Materials"



Sessions to Highlight Phosphate Replacements,
Product Safety and New Surfactants

Program Complete, Registrations Being Taken

Larry Garrison, Program Chairman, announced the completion of the program for the AOCs Short Course on "Update on Detergents and Raw Materials" to be held at the White Face Inn, Lake Placid, New York, June 13 to 16. By this time, members will have received their application forms in the mail, and it is hoped that registration can be completed before arrival in Lake Placid. A fee of \$150 is payable in advance to the American Oil Chemists' Society offices at 35 E. Wacker Drive, Chicago, Illinois 60601. This fee covers registration fees, room (double occupancy), buffet dinner on Sunday evening and all meals through lunch on Wednesday, June 16. Membership in the American Oil Chemists' Society is not a prerequisite for attending the Course. The registration cost for wives for the three days will be \$100.

Five Major Sessions Highlight Program

The technical program has been divided into five major sessions. The Monday morning session, chaired by Arno Cahn, Lever Brothers, will emphasize fundamental considerations of cleaning processes. Professor M.J. Rosen, Brooklyn College, will open the session with a discussion on the relationship of structure to properties in surfactants. He will cover the relationship of such properties as surface tension, micelle formation, wetting, foaming and detergency, with variations in both hydrophilic and hydrophobic portions of the surfactant molecule.

The Monday evening session, chaired by R.B. Wearn, Colgate-Palmolive Company, will include a talk by R.M. Kelly on "New Instrumental Methods of Detergent Analyses" including a review of future trends in this area. T.B. Albin, Shell Development Corporation, will discuss the

utilization of radiolabeled soil in the study of phosphate builders, including citrates, carbonates and NTA.

The Tuesday morning and evening sessions will stress new raw materials, such as alpha olefin sulfonates, the role of silicates in the new generation detergents and optical brighteners in the 1970's. Of particular interest will be a report from one of our overseas speakers, G.H. Taeuber, Farbwerke Hoechst AG, Frankfurt, who will discuss the paraffinsulfonates and the sulfoxidation process.

Consumer protection, phosphates and the eutrophication and pollution problems and their solution, as well as a comparison of the safety of the new nonphosphate detergents with established phosphate brands, highlight the final session chaired by Eric Jungermann, Armour-Dial, Inc.

The program is arranged as follows:

A.O.C.S. Short Course Program 1971 "UPDATE ON DETERGENTS AND RAW MATERIALS" White Face Inn, Lake Placid, New York

Sunday, June 13

Registration
Buffet Supper, Social Evening

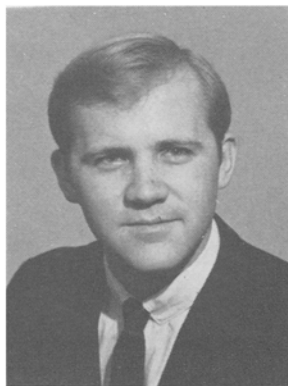
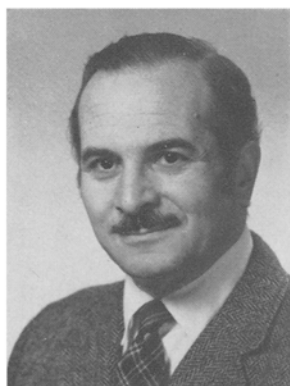
Monday A.M., June 14

The Fundamental Phenomenon of Cleaning

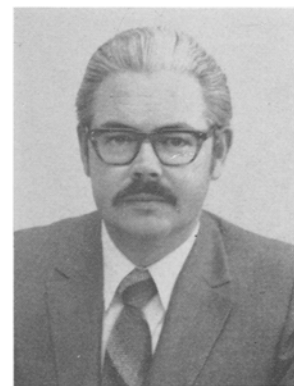
Chairman—Arno Cahn, Lever Brothers.

Welcome and Announcements, L. J. Garrison, Program Chairman.

(Continued on page 205A)



M.J. Rosen (left), Brooklyn College will open Monday morning session with a discussion on The Relationship of Structure to Properties in Surfactants. W. Burch (right), Continental Oil Co., will speak on The Removal of Individual Oil Soil Components in Detergents.



R.B. Wearn (left), Colgate-Palmolive Co., will be chairman of the Monday evening session. H. Weldes (right), Philadelphia Quartz Co., will discuss Silicates and Their Role in New Generation Detergents Tuesday morning.



P.S. Stensby (left), Ciba-Geigy Corp., will present Whiteners in the 1970's Tuesday afternoon. J.C. Calandra (right), Bio-Test Corp., will speak on Consumer Protection-Safety Testing-FDA Regulations Wednesday morning.

(Continued from page 192A)

"The Relationship of Structure to Properties in Surfactants," M.J. Rosen, Brooklyn College.

"Physical and Chemical Variables Which Influence the Redeposition of Soil on Fabrics," B.J. Rutkowski, Whirlpool Corp.

"Fundamentals and Performance Criteria of Detergent Builders," J.M. Huggins, Monsanto Co.

"The Study of the Removal of Individual Oily Soil Components in Detergency Tests," W. Burch, Continental Oil Co.

Monday P.M., June 14

Modern Analyses

Chairman—R. B. Wearn, Colgate-Palmolive Co.

"Experimental Design and Evaluation of Data," J.R. Trowbridge, Colgate-Palmolive Co.

"Studies on the Replacement of Phosphate Builders in Laundry Detergents Using Radiolabeled Soil," T.B. Albin, Shell Development Co.

"New Instrumental Methods of Detergent Analyses," R.M. Kelly, Colgate-Palmolive Co.

Tuesday A.M., June 15

New Surfactants

Chairman—R.L. Liss, Monsanto Co.

"Paraffinsulfonate (SAS) ex Sulfoxidation Process," G.H. Taeuber, Farbwerke Hoechst, A.G.

"Alpha-olefinsulfonate: A Third Generation Anionic Family," W.J. DeWitt, Ethyl Corp.

"Silicates—Their Expanded Role in New Generation Detergents," H. Weldes, Philadelphia Quartz Co.

Tuesday P.M., June 15

General Interest

Chairman—J.K. Goerner, Jefferson Chemical Co.

"Whiteners in the 1970's," P.S. Stensby, Ciba-Geigy Corp.

"Prediction of Seasonal Fluctuations in Soap and Detergent Forecasts," C.W. Liebert, Ciba-Geigy Corp.

Chairman—Eric Jungermann, Armour-Dial, Inc.

"Consumer Protection—Safety Testing—FDA Regulations," J.C. Calandra, Bio-Test Corp.

"Safety of Nonphosphate and Phosphate-Based Heavy Duty Detergents," J.B. Williams and D. Taber, Armour-Dial, Inc.

"Phosphorus Versus Carbon in Eutrophication," L.E. Kuentzel, BASF Wyandotte Corp.

"Phosphorus Removal From Wastewater by Chemical Precipitation and Flocculation," S.L. Daniels, Dow Chemical Co.

For further information and extra registration forms, please contact Mr. Carl Hauber, American Oil Chemists' Society, 35 East Wacker Drive, Chicago, Illinois 60601. Since accommodations are limited to 150 participants, early registration is recommended.



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