

Total of 60 Papers Necessitates Simultaneous Sessions at Fall Meeting

WITH about 60 technical papers to be presented at the 22nd annual fall meeting—the largest number in the history of the American Oil Chemists' Society—there will be four simultaneous sessions for the first time, according to H. W. Vahlteich, vice chairman and program chairman. Monday morning, November 15, Section A will be devoted to soap and detergents and Section B to drying oils; Tuesday morning will be divided between analytical and nutrition papers, Tuesday afternoon, between drying oils and soap and detergents; and Wednesday morning the two simultaneous sessions will be for industrial and antioxidants papers, respectively. Monday afternoon will schedule general papers and Wednesday afternoon, research papers.



C. P. LONG

Converging on New York City for the three-day meeting on November 15-17, 1948 at the Hotel Pennsylvania will be 800 members and guests of the Society, according to the prediction of the general convention chairman, Foster Dee Snell. The ladies will have a full program, there will be several field trips, the Governing Board and several committees will meet, and social events will include a smoker on Sunday evening, a cocktail hour on Monday, and a dinner on Tuesday evening. For those visitors who wish to enjoy New York theaters, shops, night clubs, and so on the convention committee has engaged the Languld Convention Service to make arrangements for tickets, transportation, shopping, secretarial help.

Registration will be on the 18th floor, outside the Penn Top, with M. L. Anson in charge. Registration hours for Sunday will be 2 to 6 p. m.; and for the three convention days, 9 to 6 p. m. Women guests will be asked to register and will be provided with badges, but they will not pay any registration fees and will not need to register personally. The exact registration fee has not yet been set by the convention committee.

Reservations for rooms should be sent direct to the hotel, and every Society member was sent an order card in the September 20 mailing from the national headquarters.

C. P. Long, president of the Society, will preside at the 2 p. m. meeting of the Governing Board on Sunday, November 14. He will also conduct the business session of the Society at the close of the Monday afternoon program.

ALL field trips are scheduled for Thursday, November 18, according to H. B. Larner, chairman. In addition to Columbia university, the plant visits will be to the Interchemical Corporation, Valentine

and Company inc., National Biscuit Company, Congoleum-Nairn inc., and Foster D. Snell inc.

The first social event will be a complimentary social hour and smoker in the Salle Modern at 8 p. m. on Sunday, with the hotel and banquet committee, of which Warren M. Sperry is chairman, as hosts. Beer and soft drinks will be served. Monday there will be a complimentary cocktail hour in the Georgian room from 5 to 6:30 p. m. Tuesday a subscription banquet will be held in the Georgian room at 6:30 p. m. All three affairs will be in the Hotel Pennsylvania.

Women in attendance at the fall meeting will find a most diverting array of events for their pleasure, with Mrs. Snell as ladies' chairman. Information and tickets for New York City attractions may be obtained in advance by writing to the Languld Convention Service, 14 Washington Place East, New York City 3, or at the service desk at the hotel on November 14 after 1:30 p. m. and on Monday and Tuesday after 8:30 a. m. Admission to all events on the ladies' program is limited to those whose names are registered, and tickets must be obtained in advance whether the events are complimentary or not. As announced in the September issue of the Journal, the program will include a trip to the experimental kitchens of Good Housekeeping Institute, sightseeing tour of uptown Manhattan and stop at Cathedral of St. John the Divine, visit to Macy's, luncheon at LaGuardia airport, visit to Frick Collection of Art, show at Radio City Music hall, and tea at the Women's University club.

AS OF September 27 the list of exhibitors at the fall meeting and their space is as follows, according to R. H. Rogers, Jr., chairman, and A. A. Kramer, vice chairman:

1. Glyco Products
2. Swift and Company
3. Sharples Corporation
4. E. Machlett & Son
5. Rufert Chemical Company
7. Foster Wheeler Corporation
8. National Southern Products Corporation
- 10-11. Graham Manufacturing Company inc.
- 12-13. Atlas Powder Company
19. H. Reeve Angel and Company
20. C. J. Tagliabue Corporation
22. DeLaval Separator Company
23. E. F. Drew and Company inc.
24. Foster Pump Works
25. American Lecithin Company inc.
26. Allied Chemical and Dye Corporation
27. V. D. Anderson Company
28. Consolidated Products Company
29. Blaw-Knox Company
30. Scientific Glass Apparatus Company
31. Merck and Company inc.
33. T. Shriver and Company inc.
34. L. A. Salomon & Bro.
35. Laboratory Construction Company
36. Corning Glass Works
37. Distillation Products inc.
38. Arthur H. Thomas Company
39. Croll-Reynolds Company
40. Darco Corporation
41. Central Scientific Company
42. Skelly Oil Company
43. Kimble Glass Company
44. West Virginia Pulp and Paper Company, Industrial Chemical Sales Division
45. Alan Porter Lee inc.

THE complete list of technical papers, together with information about time, speakers, and subject matter, has been prepared by the program committee, of which H. W. Vahlteich is chairman. Titles are given herewith, and the printed program, which will be distributed at the meeting in November, will contain abstracts of the papers in addition to other information.

Program

SECTION A

Monday—10:00 A. M.

SOAP AND DETERGENTS

- 10:00 Application of Spectrophotometric Methods to the Determination of Glycerine Color, C. S. Miner, Jr., and C. M. Weil, Glycerine Producers' Association.
- 10:20 The Sharples Centrifugal Soap Process, Leo D. Jones and L. Sender, The Sharples Corporation.
- 10:40 Principles of Detergency and Their Application in Textile Processing, A. M. Schwartz, Harris Research Laboratories.
- 11:00 Glycerol Distribution in Soap Boiling Operations, W. J. Govan, Pacific Soap Company.
- 11:20 Testing of Colloidal Solutions by Dye Solubilization, Joseph M. Lambert and Warren F. Busse, General Aniline and Film Corporation, Central Research Laboratory.

Monday—2:00 P. M.

GENERAL SESSION

- Soap Versus Synthetic Detergents, F. D. Snell, Foster D. Snell inc.
- Certain Aspects of Food Standardization After Ten Years Under the New Food and Drug Law, A. M. Gilbert, Davis and Gilbert.
- Nutrition in Relation to the Glyceride Oils, C. Glenn King, Nutrition Foundation.
- Glyceridic Oils in Our National Economy, P. H. Groggins, U. S. Department of Agriculture.
- Business Meeting.

Tuesday—9:30 A. M.

ANALYTICAL

- 9:30 An Oxidation-Adsorption Method for the Analysis of Methyl Ester Fractions, H. A. Schuette and Stephen Dal Nogare, Department of Chemistry, University of Wisconsin.
- 9:50 Analysis of Mixtures of t,t Δ 9,11- and t,t Δ 10,12-Linoleic Acids by X-ray Diffraction Patterns and Solidification Points, Lee P. Witnauer, Peter L. Nichols, Jr., and Frederic R. Senti, Eastern Regional Research Laboratory.
- 10:10 Okraseed Oil. Characteristics of Solvent Extracted and Hydraulic-Pressed Oils, S. A. Husain and F. G. Dollear, Southern Regional Research Laboratory.
- 10:30 Preparation of Pure Natural Polyunsaturated Fatty Acids by Chromatographic Adsorption Technique, R. W. Riemenschneider, S. F. Herb,

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The Languild Convention Service will have a booth near the registration desk on Sunday, Monday, and Tuesday during the meeting. But you can make arrangements in advance by writing to the Languild Convention Service. When writing to make arrangements in advance, be sure to indicate that you are a member of the American Oil Chemists' Society.

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Night Clubs:

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- and P. L. Nichols, Jr., Eastern Regional Research Laboratory.
- 10:50 Revised Constants and Calculations for the Spectrophotometric Determination of Polyunsaturated Fatty Acids, M. L. Swain, B. A. Brice, P. L. Nichols, Jr., and R. W. Riemen-schneider, Eastern Regional Research Laboratory.
 - 11:10 Modification of the Laboratory Centrifuge Method for the Determination of Refining Loss of Soybean Oil, J. F. Johnson and S. T. Bauer, The Drackett Company.
 - 11:30 Some Physical and Chemical Properties of Extraction Naphthas, A. E. MacGee, Skelly Oil Company.
 - 11:50 Drawing Tank Car Samples at Destination. Review of Various Methods and a Proposed New Method, Egbert Freyer, Spencer Kellogg and Sons inc.

Tuesday—2:00 P. M.

DRYING OILS

- 2:00 Comparative Study of the Oxidation and Polymerization of Linseed Oil by Application of Some Recently Developed Physical Techniques, G. A. O'Hare, P. S. Hess, and A. F. Kopaeki, Congoleum Nairn Co.
- 2:20 Drying Oils from 2,2,6,6-Tetramethyloxy-cyclohexanol and Linseed Fatty Acids, Harold Witteoff, General Mills inc.
- 2:40 Refining and Fractionating Soybean Oil with Furfural, S. W. Gloyer, Pittsburgh Plate Glass Co.
- 3:00 Diffraction X-Ray Spectrum Studies on the Progress of Gelatinization in Drying Oils, M. Kronstein, New York University.
- 3:20 Styrenated Drying Oils, H. M. Schroeder and R. L. Terrill, Spencer Kellogg and Sons inc.
- 3:40 Thermal Polymerization of Unsaturated Fatty Esters. Normal Methyl Linoleate, R. F. Paschke and D. H. Wheeler, General Mills inc.

Wednesday—9:30 A. M.

INDUSTRIAL

- 9:30 High Temperature Processing of Fatty Oils and Acids, H. L. Barnebey, Blaw-Knox Company.
- 9:50 The Determination of Rate of Extraction of Crude Lipids from Oil Seeds with Solvents, M. R. Wingard and W. C. Shand, Blaw-Knox Company.
- 10:10 Pilot Plant Fractionation of Cottonseed. II. Differential Settling, H. L. E. Vix, J. J. Spadaro, C. H. Murphey, Jr., R. M. Persell, E. F. Pollard, and E. A. Gastrock, Southern Regional Research Laboratory.
- 10:30 Flavor Reversion in Hydrogenated Soybean Oil. 1. The Effect of Double-Degumming. 2. The Effect of Unsaponifiable Matter, W. G. Taylor, Lever Brothers Company.
- 10:50 Continuous Vacuum Bleaching of Fatty Oils, R. R. King and F. W. Wharton, Mrs. Tucker's Foods inc.
- 11:10 The Semi-continuous Deodorization of Fats, A. E. Bailey, The Girdler Corporation.
- 11:30 Oil Palm Resources of the American Hemis-

phere, K. S. Markley, Southern Regional Research Laboratory.

Wednesday—2:00 P. M.

RESEARCH

- 2:00 Kinetics of Alkali Isomerization of Linoleic, Linolenic, and Arachidonic Acids, P. L. Nichols, Jr., R. W. Riemenschneider, and S. F. Herb, Eastern Regional Research Laboratory.
- 2:20 The Formation of Traces of Conjugated Tetraenoic and Trienoic Constituents in Autoxidized Linolenic and Linoleic Acids and in Vegetable Oils During Alkali Isomerization, M. L. Swain and B. A. Brice, Eastern Regional Research Laboratory.
- 2:40 Phase Investigation of Fats. III. Systems Containing Oleic and Palmitic Acids and an Organic Solvent, W. S. Singleton, Southern Regional Research Laboratory.
- 3:00 A Multi-Purpose Low-Pressure Still, E. S. Bartz, Distillation Products inc.
- 3:20 Heats of Solution and Solubilities of Fatty Acids and Water, C. J. Marsel, Leo F. Ciesielski, and Kenneth A. Jackson, Department of Chemistry, New York University.
- 3:40 Infrared Absorption Studies of Autoxidized Methyl Linoleate, L. R. Dugan, Jr., B. W. Beadle, and A. S. Henick, American Meat Institute Foundation.

SECTION B

Monday—10:00 A. M.

DRYING OILS

- 10:00 A Spectrophotometric and Chromatographic Investigation of Stillingia Oil, P. T. Huang, R. T. Holman, and W. M. Potts, A. & M. College of Texas.
- 10:20 Segregation of Fatty Acids by Preferential Neutralization, R. Nielsen and M. W. Formo, Archer-Daniels-Midland Company.
- 10:40 Testing of Drying Oils II. Evaluation of Natural and Synthetic Oils, G. W. Houston, E. C. Gallagher, and D. S. Bolley, National Lead Company.
- 11:00 Testing of Drying Oils III. Correlation of Evaluation Data, G. W. Houston, E. C. Gallagher, and D. S. Bolley, National Lead Company.
- 11:20 Improved Soybean Oil Paints by the Utilization of Calcium Oxide, A. J. Lewis, J. C. Cowan, and N. C. Schieltz, Northern Regional Research Laboratory.

Monday—2:00 P. M.

GENERAL SESSION—BOTH SECTIONS

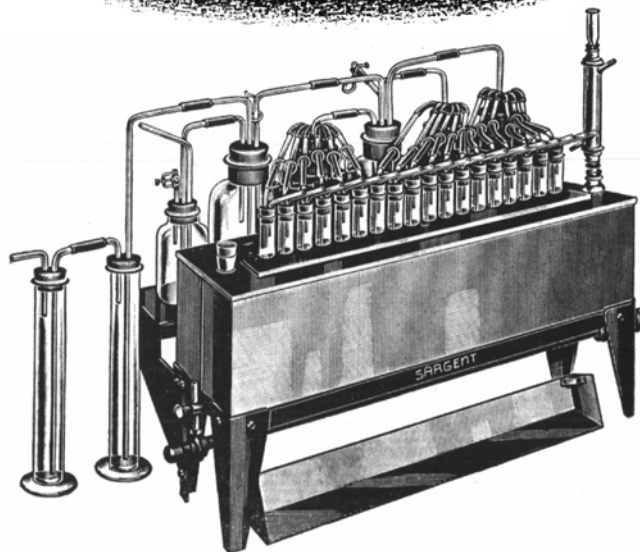
(Followed by Business Meeting)

Tuesday—9:30 A. M.

NUTRITION

- 9:30 Fats in Relation to Caloric Efficiency, R. W. Swift and Alex Black, Department of Animal Nutrition, Pennsylvania State College.
- 9:50 The Need of Fat in Intravenous Feeding, F. J.

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Stare, Harvard University.

- 10:10 Effect of Certain Vitamins Upon the Synthesis of Arachidonic Acid, R. Harris, Massachusetts Institute of Technology.
- 10:30 Fatty Acid Structure and Nutritive Value, B. F. Daubert, University of Pittsburgh.
- 10:50 The Biological Synthesis of Fatty Acids, E. Stotz, Department of Biochemistry, University of Rochester.

Tuesday—2:00 P. M.

SOAP AND DETERGENTS

- 2:00 The Effect of Temperature Upon the X-Ray Long Spacing of the System Potassium Laurate-Water-n-Heptane, O. A. Hoffman and J. W. McBain, Stanford University.
- 2:20 Non-Ionic Detergents from Wax, W. K. Griessinger, J. A. Nevison, and G. A. Gallagher, Atlantic Refining Company.
- 2:40 The Chemistry of Detergency, I. J. Grunfest and R. M. Young, Jr., Rohm and Haas Company.
- 3:00 The Adsorptive Capacity of Cotton for Sodium Oleate, K. W. Gardiner and L. B. Smith, Lever Brothers Company.
- 3:20 Detergents in the Textile Industry, H. C. Borghetty, General Dyestuff Corporation.
- 3:40 The Effect of a Non-Ionic Detergent on the Detergency of Alkyl Aryl Sulfonates and Soap in Hard Water, George E. Barker, Atlas Powder Co.
- 4:00 Deodorizer Catch Basin Sludges and the Metal-

lic Soaps Found Therein, W. Newby and E. A. Gulino, Cotton Products Company inc.

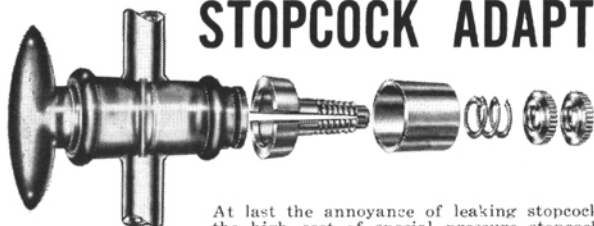
Wednesday—9:30 A. M.

ANTIOXIDANTS

- 9:30 Antioxidant Properties of Polyhydroxybenzoic Acids and Their Esters and Other Nuclear Substituted Polyphenols, S. G. Morris and R. W. Riemenschneider, Eastern Regional Research Laboratory.
- 9:50 The Aldehydes Produced During the Autoxidation of Cottonseed Oil, C. E. Swift, R. T. O'Connor, L. E. Brown, and F. G. Dollear, Southern Regional Research Laboratory.
- 10:10 The Flavor Problem of Soybean Oil. V. Some Considerations in the Use of Metal Scavengers in Commercial Operations, H. J. Dutton, A. W. Schwab, H. A. Moser, and J. C. Cowan, Northern Regional Research Laboratory.
- 10:30 Observations on the Mechanism of the Autoxidation of Methyl Linoleate, W. O. Lundberg, J. R. Chipault, and M. J. Hendrickson, The Hormel Institute, University of Minnesota.
- 10:50 Butylated Hydroxyanisole. A Superior Antioxidant for Animal Fats, H. R. Kraybill, L. R. Dugan, Jr., F. C. Vibrans, VeNona Swartz, Helen Rezabek, and B. W. Beadle, American Meat Institute Foundation.
- 11:10 Reactions of Fatty Materials With Oxygen. IV. Quantitative Determination of Functional Groups, H. B. Knight and Daniel Swern, Eastern Regional Research Laboratory.

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CALL TO 22nd FALL MEETING

Members of the American Oil Chemists' Society are hereby notified of a special business session to be held on Monday afternoon, November 15, 1948, at the close of the general session of the fall meeting at the Hotel Pennsylvania in New York City. Among the items of business will be changes in methods or new methods presented by the Uniform Methods Committee.

H. L. ROSCHEN, *Secretary.*

To help industrial designers, engineers, and buyers cut the cost of important machine components and accessories, about 200 standard products for corrosive and high temperature service are listed in a new catalogue by the International Nickel Company inc. Checked by manufacturers of each item, this new "Standard Specialties" catalogue is the first complete compilation of products made of monel, nickel, or inconel and available economically from stock or from standard designs.

Articles indicating that sunflowers are gaining new favor, prospects for okra seed look bright, and many chemurgic drugs as life-savers are included in the contents of the CHEMURGIC DIGEST for September, 1948. Chemurgy in Canada is also discussed.

W. Roberts Wood has been elected vice president of the GIRDLER CORPORATION, Louisville, Ky. Mr. Wood joined this company on November 1, 1929, and was placed in charge of the firm's Gas Processes division on October 1, 1938. On June 20, 1941 he was elected vice president of that division.