

Legacy Of New Orleans - - Traditions To Grow On

58th Spring Meeting Program Reflects New Extensions in Fats and Oils Research

New Orleans is the home of the AOCS—and the home of its traditions, which have grown steadily in breadth and depth since the founding of the Society almost sixty years ago.

Tradition has a way of asserting most emphatically what men are, and the nature of their relationships to one another; it has a way of clarifying men's values, both individually and collectively.

The AOCS is pleased to be in New Orleans again, for its 58th Annual Spring Meeting, giving members a new and welcome opportunity to reestablish ties with their first "home" and with their contemporaries.

It is this renewed association with others in our special fields in the Society which keeps these values and traditions alive, and enables us to carry further both the work and the standards of the preceding generations.

MONDAY MORNING, MAY 8, 1967

SESSION A—INTERNATIONAL ROOM

DETERGENTS

Chairman: I. R. Schmolka, Wyandotte Chemical Corporation

1. **Alpha Olefin Sulfonate Formulations and Properties** 10:20
E. A. Knaggs, J. A. Yeager, M. Nussbaum and E. J. Buerk, Stepan Chemical Company*
2. **New Nonionic Detergents Derived from Epoxidized Oils. IV** 10:40
K. L. Johnson, Swift & Company
3. **The Effect of Unsaturation on Detergency of Tallow Alcohol Sulfates** 11:00
R. S. Klonowski, C. M. Josefson, F. Ozkan and T. W. Findley, Swift & Company
4. **Ether Alcohol Sulfates from Oleyl Alcohol** 11:20
J. K. Weil, A. J. Stirton and Eileen B. Leardi, USDA, Eastern Regional Research Laboratory
5. **Spray Drying of Heavy-Duty Detergent Formulations—Advantages of Trimetaphosphate in Place of Tripolyphosphate** 11:40
S. J. Sivilis and Mario Ballestra, Ballestra Company

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SESSION B—UNIVERSITY ROOM

EDIBLE OILS

Chairman: J. J. Spadaro, USDA, Southern Regional Research Laboratory

6. **Pentane from Thermal Decomposition of Lipoxidase-Derived Products** 10:20
C. D. Evans, G. R. List, Ami Dolev, D. G. McConnell and R. L. Hoffmann, USDA, Northern Regional Research Laboratory
7. **Edible Oil Quality as Measured by Thermal Release of Pentane** 10:40
C. D. Evans, G. R. List, R. L. Hoffmann and Helen A. Moser, USDA, Northern Regional Research Laboratory
8. **Simple Pilot-Plant Batch Processes for Elimination of the Halphen-Test Response of Cottonseed Oils in Conjunction with Deodorization** 11:00
P. H. Eaves, H. P. Dupuy, L. L. Holzenthal, E. T. Rayner and L. E. Brown, USDA, Southern Regional Research Laboratory
9. **Pilot-Plant Selective Hydrogenation of Soybean Oil: Activation and Evaluation of Copper-Containing Catalysts** 11:20
K. J. Moulton, D. J. Moore and R. E. Beal, USDA, Northern Regional Research Laboratory

* Speakers' names shown in italics.

10. **Methyl Silicone in Frying Fats—Antioxidant or Prooxidant?** 11:40
Stanley Rock, Leonard Fischer and Howard Roth, DOA Food Industries, Inc.
- 10A. **The Hydrophilization Process for the Separation of Fatty Material in Solid and Liquid Components with the Aid of Aqueous Solutions of Surface Substances** 12:00
Werner Stein, Henkel & Cie. GmbH., Düsseldorf, Germany

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SESSION C—GRAND BALLROOM

OXIDATION

Chairman: F. G. Dollear, USDA, Southern Regional Research Laboratory

11. **The Effects of Micromolar Concentrations of Ions on the Lipid Oxidation of Isolated Lysosomes** 10:20
Kiyoshi Hayase and D. B. Menzel, University of California
12. **The Isolation and Identification of Lactones in Oxidized Vegetable Oils** 10:40
J. A. Fioriti and R. J. Sims, General Foods Corporation
13. **Oxidation of Various Lipid Substrates with Unfractionated Soybean and Wheat Lipoxidase** 11:00
P. L. Guss, T. Richardson and M. A. Stahmann, University of Wisconsin
14. **The Isolation and Characterization of the Non-volatile Compounds from Thermally Oxidized Triolein** 11:20
E. G. Perkins and J. R. Anfinson, University of Illinois
15. **Mechanism and Stereochemistry of α -Oxidation of Fatty Acids in Plants** 11:40
L. J. Morris, C. Hitchcock and A. T. James, Unilever Research Laboratory, Bedford, England

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SESSION D—GOLD-REX ROOM

SYMPOSIUM: LIPID MONOLAYER AND BILAYER MODELS AND CELLULAR MEMBRANES

Organized by R. M. Burton, Washington University School of Medicine; R. J. VanderWal, Armour and Company; and R. E. Howard, Washington University School of Medicine
Chairman: R. M. Burton

- Introductory Remarks 10:20
R. M. Burton