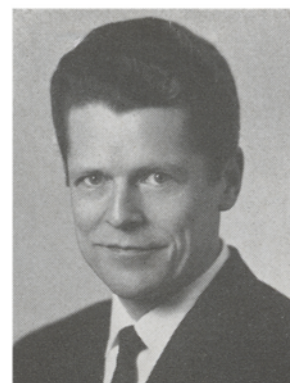




D. H. Wheeler
General Chairman



W. E. Link
Technical Program
Chairman

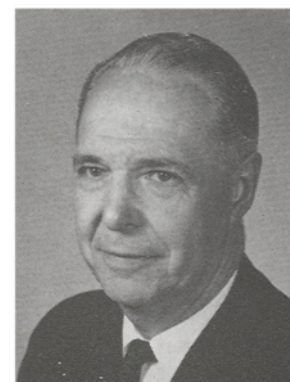
Minneapolis Prepares WELCOME for 43rd Annual Fall Meeting



Carl Fritsch
Registration Chairman

Fall Meeting Progress Report

Spring has sprung in the City of Lakes. The Snow King has released his icy grip on the land and the world is green again, flowers are blooming, and your Publicity Committee for the Fall Meeting feels more like playing golf than tending to work. Although the calendar says it is Spring, Don Wheeler, General Chairman for the Fall Meeting, and his various committees have been hard at work for a number of months to make certain that the Minneapolis Meeting will be a most valuable and memorable experience.



Kenneth E. Holt
Exhibits Chairman

Technical Program

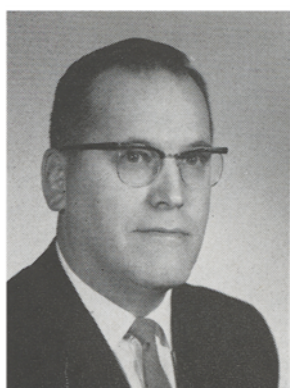
W. E. Link, Technical Program Chairman, and his committee members: J. C. Cowen, R. T. Holman, P. J. Menardi, G. G. Wilson and C. G. Youngs are developing an outstanding technical program with excellent balance and broad appeal. If you have a new scientific advance to share with friends, it's still not too late to get on the program. Submit two copies of a 100 to 300 word abstract with title, author and speaker before the deadline, June 15, 1969, to: Dr. W. E. Link, Ashland Chemical Company, Research Department, Bloomington, Minnesota 55420.

A dozen of scheduled symposia with others still in the formative stage assure an outstanding technical program. The symposia include: Biosynthesis of Unsaturated and Oxygenated Fatty Acids, Lindsay Morris; Branched-Chain Fatty Acids, R. A. Ackman; Ether-Linked Neutral Glycerides, Randall Wood; Fatty Chemicals in Ore Flotation, J. Hartlage; Margarine, Centennial Commemoration, S. C. Miksta; Marketing of Fatty Products, Herbert Fineberg; Role of Computers in Fat Chemistry, R. O. Butterfield; Solvent Extraction, N. H. Witte; Statistical Applications, Horace Andrews; Surfactants in Paint, Edmund Harvey, Jr.; Tall Oil, J. P. Krumbein; Wide Line NMR, William Bosin.

The Program Committee is proposing additional sessions on other subjects including dairy substitutes, salmonella, unit processes, soaps and detergents, analytical separations, food additives, instrumental analyses and fatty derivatives.



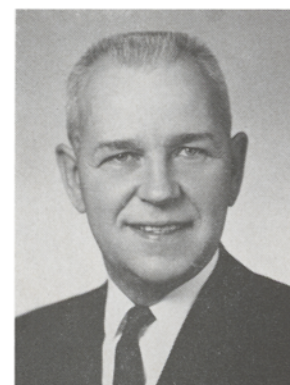
S. B. Creeelius
Vice Chairman and
Finance Chairman



Ross Walker
Hotel Chairman

MINNEAPOLIS Has The WELCOME Mat Out

Ross Walker and his Hotel Committee will be busy behind the scenes to assure you of a warm welcome when you arrive at the Leamington Hotel. Nearby is the heart of the Leamington Hotel on Sunday Evening, October 5, famous restaurants. A short distance away, the Father of Waters, the Mightily Mississippi, tumbles over St. Anthony Falls as it pushes its way South to Old New Orleans, the official residence and spiritual home of the AOCS. And ringing the heart of the city are the many lakes with beautiful residential areas, boats sailing in the Fall breeze and shoreline oases of quiet in the teeming million population hub of the Twin Cities.



M. W. Formo
Publicity Chairman and
Advisory Committee
Chairman



L. V. Anderson
Entertainment

(Continued on page 254A)

(Continued from page 252A)

Social Highlights

The social events which traditionally supply a unique flavor of warmth and friendship to AOCS meetings will start with a social hour and mixer in the Hall of States of the Leamington Hotel on Sunday Evening, October 5. During the 1963 Fall Meeting in Minneapolis, Loyd Anderson and his cohorts on the Entertainment Committee offered you an ice carving of a Viking Ship embellished with mounds of shrimp and decorated with sauces, cheeses and loads of hors d'oeuvres. They may not duplicate this, but they intend to try so that you will have ideal surroundings to renew old friendships and make new acquaintances. On Monday evening, October 6, we will again have the delightful reception sponsored by Eastman. The traditional dinner-dance and banquet on Tuesday will be the social highlight of the Meeting. Outstanding entertainment, a dinner menu from the exceptional kitchens of the Leamington Hotel, and music by a topnotch orchestra for your dining and dancing will make this a night to remember.

—AND for the LADIES—

Mrs. Bettye Crecelius and her Ladies Entertainment Committee are planning a wide-ranging program to take advantage of the unique flavor of the Land of Ten Thousand Lakes. They find themselves in a delightful predicament! Would the visitors prefer a visit to the storied shores of Lake Minnetonka or a boat trip down the quiet glen of the St. Croix Valley? Is there more interest in a repeat visit to the unusual Swedish-American Institute or will the latest in fashions and couturier have greater appeal? The alternatives are being narrowed down, and the complete program will be supplied in a later issue of the Journal.

Exhibit at the AOCS 1969 Fall Meeting

Record-breaking attendance is expected at the 1969 AOCS Fall Meeting, which is to be held right in the heart of the oils and fats producing area, Minneapolis, Minnesota. Research, production and management people representing every area of the industry from basic raw materials to finished products will attend and participate.

The entire gamut of products used by the fats and oils industries will be represented at the 1969 Fall Exposition. These include Edible Oils, Flavoring, Fragrances, Vitamins, variety of Petroleum-Based Chemicals, Caustics, Solvents, Industrial Acids, Catalysts, Coloring, Filter Aids; latest techniques and equipment for Refining, Extracting, Sulfonation, Hydrogenation, Deodorization, Spray Drying, Filtration, Separation, etc.; and the newest developments in Automatic Recording, Controlling & Metering Equipment, Chromatography, X-Ray Diffraction, Spectrophotometry, Spectral Analysis, Thermal Analysis, and an endless list of Laboratory Equipment and Expendables.

This will be an exposition devoted to the entire field of fats and oils. Companies which supply raw materials, processing materials, plant facilities, processing equipment and instrumentation will want to be represented. For more information direct inquiries to S. M. Gaskins, AOCS Exhibit Sales Manager, 35 E. Wacker Drive, Chicago, Illinois 60601.

• New Products

Stirmix, a new type of magnetic mixer from WILL SCIENTIFIC, is the first to provide really effective stirring action in large volumes of high viscosity fluid. Designed to mix in round bottom flasks, Stirmix mixers employ a curved stirring blade and curved drive magnet. The complementary curves of all three elements, magnetic field, stirring blade and container, mean that Stirmix's power literally fills the flask, completely eliminating corner voids. Solid state speed control and belt drive provide high torque at low speeds for complete, continuous turnover of fluid volumes as large as 22 liters in production models and even larger in custom designed units. Mantle heating, available with every Stirmix mixer, supplies gentle, uniform heat, permits highly reproducible temperature setting for batch processing. Stirmix mixers are available in three basic models, power unit alone, power unit with spun aluminum housing for mantle type heaters, or built-in counter-top model with aluminum web to support flask heater. A mobile floor model for 50 to 70 liter flat-bottom flasks and containers is also available.

A new method of precise, reliable collection of fractions from a gas chromatography effluent has been announced by PACKARD INSTRUMENT COMPANY, INC., Downers Grove, Illinois. The Model 852 Gas Fraction Collector permits quantitative collection of individual organic compounds for subsequent analysis by radioassay, infrared or mass spectrometry, or other techniques to further identify compounds of interest. The Model 852 can be used directly with any gas chromatograph incorporating a nondestructive mass detector, or with ionization detectors by adding a stream splitter. Collection may be actuated manually by means of a push-button, or automatically on a programmed time cycle. For low-boiling point samples or sub-ambient trapping, a cooling agent can be introduced into the center well of the timetable to maintain low cartridge temperature.

Arthur D. Little, Inc., a Cambridge based Industrial Research Firm, is using a production-scale liquid chromatography system employing a 12 in. diameter by 10 ft high stainless steel column designed and built by ABCOR INC. The system is designed for the recovery of kilogram-quantities of a delicate synthetic product. Several days should be required for this large-scale purification in comparison with several months and much greater expense with the conventional 1 in. and 2 in. diameter columns. The unit will be used with Silica gel adsorbent though many other chromatographic materials could also be used. The column incorporates Abcor developed and patented radial-mixing and flow-correction devices to maintain good separating power despite the increase in column cross-section. The design permits easy assembly and disassembly of the elements for rapid packing of the columns. The material of construction is 316 stainless steel. For further information contact Abcor, 341 Vassar St., Cambridge, Mass. 02139.

The new TRACOR engineered MT150 Gas Chromatograph includes an optional solid state cryothermal programmer. The regular air oven has been carefully designed to achieve good cryothermal performance without condensation difficulties. Cryothermal programming can be particularly useful in analysis of gases with the U-70 Ultrasonic Detector (patent pending). This detector is universal and capable of operation with all carriers. It operates in a differential mode, thus eliminating many previous problems with impurities in carrier streams. The Ultrasonic System is more sensitive and more predictable than thermal conductivity with minimum detection well illustrated by reference to hydrogen in an air sample (less than 1 ppm). The MT150 also includes complete valve options, up to four inlets or four detectors including the U-70 for simultaneous operation. For further information, contact: Tracor Analytical Instruments, 6500 Tracor Lane, Austin, Texas 78721.

(Continued on page 271A)