

MEETINGS

- new technology in formulating detergent products

- future needs of formulators
- future challenges for suppliers.

The dinner speaker at the conference opening on Sunday, Oct. 29, will be William Mahoney, group vice president of Witco Corp. The final session on Wednesday morning, Nov. 1, will be a panel discussion in which leaders from detergent manufacturing companies and raw material suppliers will discuss their ideas on major needs and problems of the industry.

Dietary lipids

An international symposium entitled "New Aspects on the Benefits, Hazards and Uses of Dietary Lipids" will be held Sept. 18-20, 1989, at the Hotel Novotel, Göteborg, Sweden. The symposium is sponsored by the International Union of Food Science and Technology and is being organized by the Swedish National

Committee of Food Science and Technology and the Swedish Institute for Food Research (SIK).

The program will include the following sessions:

- the metabolism of dietary lipids—cholesterol metabolism, lipoprotein metabolism, omega-3 and omega-6 fatty acids, lipids and bioavailability of pharmaceuticals.

- sterols, wax esters and synthetic noncaloric fats—plant sterols as antipolymerization agents, pharmacological effects of methyl sterols, sucrose polyesters and jojoba oil.

- oxidized lipids—biological effects of ether lipids, polyunsaturated free fatty acids and endooxidation, reactive forms of oxygen, antioxidants as drugs and toxicological aspects of dietary lipids.

- new sources and processes for dietary lipids—microbial production of lipids, underdeveloped sources of edible oil, microalgae as a source of eicosapentaenoic acid, membrane bioreactors for lipid modification, and genetic engineering of hydrolytic enzymes.

INSIDE AOCS

Williams, Mustafa win Smalley awards

James E. Williams of Archer Daniels Midland Co. (ADM) and Shams Mustafa of Caleb Brett (USA) Inc. won the top awards for analysis of fats and oils in the 1988-89 Smalley Cooperative Check Sample Program. Williams earned the Smalley Award; Mustafa earned the R.T. Doughtie Jr. Award.

The Smalley Award is presented for best analysis of oilseed meal for combined nitrogen, oil and moisture. It is named for Frank Smalley, founder of the AOCS check sample program. The Doughtie Award is given for the best analysis of cottonseed for foreign matter, moisture, free fatty acids, oil and ammonia. Formerly the Barrow-Agree Award, it is named for Richard T. Doughtie Jr., a long-time chairman of the Smalley program.

Williams and Mustafa were awarded plaques at the 1989 AOCS annual meeting in Cincinnati in May to recognize their achievement. Nearly 400 chemists annually participate in the AOCS Smalley Check Sample Program to check their proficiency in analytical techniques used in the fats and oils industry worldwide.

All chemists earning first place and honorable mention certificates were recognized at the annual meeting for their outstanding analytical proficiency. The following is a list of the first-place winners:

Oilseed Meal

Combined moisture, oil and nitrogen
First Place (Smalley Award)
 James E. Williams, ADM, Clarksdale, MS

Moisture

First Place
 Robert Humphreys, Southern Cotton Oil, Division of ADM, Memphis, TN

Oil

First Place
 Winnifred Hunter, Pope Testing Laboratories, Dallas, TX

Nitrogen

First Place
 Rolland Miller, A.E. Staley Mfg. Co., Decatur, IL

Crude Fiber

First Place
 John Ledin, Ardin Backous and William Slagle, Woodson-Tenent Laboratories, Des Moines, IA

Soybeans

Combined moisture, oil and ammonia
First Place
 John Ledin, Ardin Backous and William Slagle, Woodson-Tenent Laboratories, Des Moines, IA

Cottonseed

Foreign matter, moisture, free fatty acids, oil and ammonia
First Place (R.T. Doughtie Jr. Award)
 Shams Mustafa, Caleb Brett (USA), Jefferson, LA

Sunflower Seed

Foreign matter, moisture and oil
First Place
 Paul C. Thionville, Thionville Laboratories, New Orleans, LA

(Continued)

INSIDE AOCS

Peanuts

Moisture, free fatty acids, oil and ammonia

First Place

Janet M. Duran, A & L Plains Agricultural Labs, Lubbock, TX

Safflower

Moisture, oil and nitrogen

First Place

Paul C. Thionville, Thionville Laboratories, New Orleans, LA

Rapeseed

Moisture, oil and nitrogen

First Place

Paul C. Thionville, Thionville Laboratories, New Orleans, LA

Peanut Aflatoxin

First Place

C.J. Basanavicius, Planters Peanuts, Division of Nabisco, Suffolk, VA

Corn Aflatoxin

First Place

Steven Stroh, Iowa Department of Agriculture and Land Stewardship, Des Moines, IA

Corn Gluten Feed

Moisture, starch, oil and protein

First Place

Douglas McLemore, Woodson-Tenent Laboratories, Dayton, OH

Cottonseed Aflatoxin

First Place

Jim Ingram, Anderson Clayton Oilseed Processing Division, Phoenix, AZ

Milk Aflatoxin

First Place

Maire C. Walsh, State Laboratory, Abbotstown, Castleknock, Dublin, Ireland

Fish Meal

Protein, fat, moisture, ash and pepsin digestibility

First Place

John Ledin, Ardin Backous and William Slagle, Woodson-Tenent Laboratories, Des Moines, IA

Fish Solubles

Protein, fat, moisture, ash, pH and ammonia nitrogen

First Place

Shams Mustafa, Caleb Brett (USA), Jefferson, LA

Fish Oil

Free fatty acids, moisture and iodine value

First Place

Paul C. Thionville, Thionville Laboratories, New Orleans, LA

Soybean Oil

Free fatty acids, neutral oil and bleached color

First Place

Mark Bond, Kraft Food Ingredients Corp., Champaign, IL

Cottonseed Oil

Free fatty acids, refining loss and refined color

First Place

Shams Mustafa, Caleb Brett (USA), Jefferson, LA

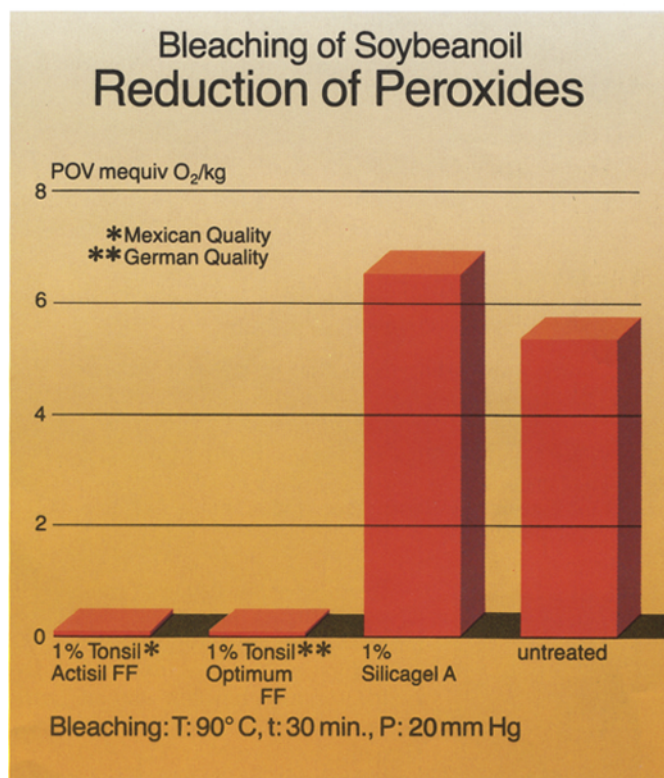
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Example: Decomposition of peroxides



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Vegetable Oil for Color Only**First Place**

T.M. Narayanan Nair and Richard Martin, Charles V. Bacon Inc., Irvington, NJ

Tallow and Grease

Titer, free fatty acids, moisture, unsaponifiable matter and insoluble impurities

First Place

John Ledin, Ardin Backous and William Slagle, Woodson-Tenent Laboratories, Des Moines, IA

Edible Fats

Free fatty acids, α -monoglycerides, Wiley melting point, capillary melting point, congeal point, solid fat index, A.O.M. stability, Lovibond red color, peroxide value and iodine value

First Place

John C. Friend, Kraft Food Ingredients Corp., Sherman, TX

NIOP Fats and Oils

Specific gravity, free fatty acids, iodine value, saponification value and Lovibond color

First Place

H. Hirayama, Nippon Yuryo Kentei Kyokai, Yokohama, Japan

Gas Chromatography

Preparation of methyl esters on fats and oils mination of fatty acids

First Place

Carl W. Schulze, New Jersey Feed Laboratory, Trenton, NJ

Palm Oil

Free fatty acids, slip melting point, cloud point, Lovibond red color and iodine value

First Place

Dunlop Agro-Management Sdn. Bhd., Negri Sembilan, Malaysia

Cellulose Yield

Moisture and cellulose

First Place

Lint Laboratory Team, Procter & Gamble Cellulose Co., Memphis, TN



Sue Heiser

Staff update

Sue Heiser, assistant executive director for membership and personnel at AOCS headquarters, has resigned, effective May 25, 1989. She had worked for AOCS for a total of 13 years.

John Patrick Graham, who served as AOCS marketing director until he retired Dec. 31, 1988, has been named the 1988 recipient of the Al Zimmerman Award given by the Ad Club of Champaign-Urbana, Illinois, for outstanding performance in advertising. He has been a member of the Ad Club for 25 years.

AOCS Deadlines

The following deadlines have been set for various AOCS activities. For more information, contact AOCS, PO Box 3489, Champaign, IL 61826-3489, USA, telephone 217-359-2344.

June 30 — Deadline to enroll in the 1989-1990 Smalley Program.

Aug. 1 — Submission of poster abstracts, in double-spaced format and using no more than 200 words, for the 1989 World Conference, to World Conference Poster Chairman Richard F. Wilson, North Carolina State University, Department of Crop Science, 4114 Williams Hall, Raleigh, NC 27695, USA.

Sept. 1 — Early registration cut-off for the 1989 AOCS world conference on processing to be held in Maastricht, The Netherlands. After this date, prices increase. Also, submission of AOCS officer candidate nominations for the Governing Board for 1990-1991.

Sept. 29 — Early registration cut-off for the AOCS/CSMA Surfactants and Detergents Short Course to be held Oct. 29-Nov. 1, 1989, in Hershey, Pennsylvania.

Oct. 3 — Submission of nominations for the 1990 AOCS Honored Student Awards, the 1990 Potts Memorial Fellowship and the 1990 Hans Kaunitz Award given by the Northeast Section of AOCS.

Oct. 15 — Submission of paper proposals for the 1990 AOCS annual meeting.

Oct. 26 — Early registration cut-off for the Short Course on Analysis of Fats, Oils and Lipoproteins to be held Nov. 26-30, 1989, in Rosemont, Illinois.

Oct. 31 — Submission of nominations for the 1990 AOCS Award of Merit.

Nov. 1 — Submission of nominations for the 1990 Supelco AOCS Research Award and for the 1990 Alton E. Bailey Award given by the North Central Section of AOCS.

Obituary

TSUKASA KAWADA

AOCS has been informed of the death of Tsukasa Kawada, an AOCS member since 1975. Dr. Kawada, of Chibaken, Japan, died Nov. 2, 1988. He had been employed by Kao Corp. in Tokyo. He is survived by his wife, Kashiwa Kawada, of Chibaken.