

10 more speakers selected

Ten additional speakers have been named for the Latin American Congress on Oil Processing to be held Nov. 5-8, 1989, in Sao Paulo, Brazil, under sponsorship of the Latin American Section of AOCS.

Orivaldo Balloni of Industrias Zillo in Brazil will provide a Latin American perspective on physical refining of soybean oil; Luis Bonzola of Westfalia in Brazil will speak on "A Process to Obtain Stearin with 80% Palmitic Acid;" Kurt Berger of PORIM's U.K. office will speak on "Nutritional As-

pects of Palm Oil;" Sergio Bloch of Alfa Sharpless, Argentina, on "Technical Progress in Refining Sunflower Oil;" Roberto A. Chiaradia, of Cargill, Argentina, on "Seed Storage and Quality Control;" Walter Esteves of Unicamp, Brazil, on "Influence of the Refining Process on Soybean Oil;" Jorege Licetti of Industrias Pacocha, Peru, on "Fractionation of Fish Oils" and Rodolfo Rohr of Unicamp, Brazil, on the outlook for oleochemicals in Brazil.

R.F. Ariaansz of Engelhard, The Netherlands, will speak on hydrogenation; and Joel Vilela of Canada Packers, Brazil, will speak on oil stability and packaging. Other persons from those same firms previously had been announced as speakers.

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.

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

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

Nov. 1 — Submission of nominations for the 1990 AOCS Award of Merit, the 1990 Supelco AOCS Research Award, the A. Richard Baldwin Distinguished Service Award, and the North Central Section's 1990 Alton E. Bailey Award.

Dec. 31 — Submission of nominations for the Northeast Section's 1990 Hans Kaunitz Award.

Jan. 1, 1990 — Submission of completed abstracts for the 1990 AOCS annual meeting.

March 18, 1990 — Early registration cut-off for the AOCS Short Course on Health Effects of Dietary Fatty Acids, slated for April 18-21, 1990.

March 22, 1990 — Early registration cut-off for the 1990 AOCS annual meeting.

a \$250 honorarium, a certificate and travel expenses to a section meeting. It will be presented March 13, 1990, at the annual President and Award Night.

Candidates must be graduate students, at institutions within the Northeast Section boundaries, who are performing research toward an advanced degree in the area of fats and oils and/or detergents. The Northeast Section includes the New England states, New York, New Jersey, Maryland, Delaware, the District of Columbia and Pennsylvania west to Harrisburg.

The two previous recipients were Sunki Kim and Carolyn L. Wilhelm, both of the University of Massachusetts.

For more information and nomination forms, contact James Hampson, USDA Eastern Regional Research Center, 600 Mermaid Lane, Philadelphia, PA 19118.

North Central unit to meet in Argo

Richard Snow of the Illinois Institute of Technology will speak at a meeting of the North Central Section to be held Wednesday evening, Nov. 8, at IIT's Moffett Center for Food Safety and Technology in Argo, Illinois.

The center was transferred to IIT by CPC International.

Details of the dinner meeting are available from Gail Qualeatti, Signal Research, 50 E. Algonquin Rd., Box 5016, Des Plaines, IL 60017 (telephone 312-391-3178).

Nominees sought for Kaunitz award

The Northeast Section of AOCS is seeking nominations for the 1990 Hans Kaunitz Student Award. The deadline for submitting nominations is Dec. 31, 1989.

The award, named in honor of AOCS member Hans Kaunitz, is given annually to encourage studies relating to fats and oils and detergents technology. It includes

Annual meeting speakers cited

The following speakers at the 1989 AOCS Annual Meeting, held during May in Cincinnati, have been cited by their session chairpersons as having given "outstanding presentations," based on the content and delivery of their papers.

D.A. Allen, H.M. Aukema, C. Bergholz, A.P. Bimbo, F.D. Bisplinghoff, J.M. Bogdanor, S.K. Brophy, K. Brown, B.L. Bruinsma, F.L. Castille, J. Corbin, G.L. Cromwell, R. Delaney, M. Faldet, E.N. Frankel, F. Friedli.

Also, D.R. Gardner, T. Guffey, T. Heeyoung, D.F. Hildebrand, J.A. Hockey, B.J. Holub, C.R. Hurlburgh Jr., D.W. James Jr., J. Janick, B. Kim, R.S. Kutschke, D.J. Kyle, K. Kyritz, A.L. Lawrence, L.S. Lee, P.Y.T. Lin.

Also, G.R. List, E.W. Lusas, C.J. Megremis, A. Mehreteab, W.W. Migura, D.E. Mills, W.F. Moll, C.G. Naylor, J.B. Ohlogge, D.L. Palmquist, E.G. Perkins, E.A. Pfannkock, R. Ram, K.C. Rhee, G.J. Rokey, R.A. Sanders.

Also, L.D. Satter, W.G.

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SHORT COURSES

Health Effects of Dietary Fatty Acids

Baltimore, Maryland • April 18-21, 1990

Purpose:

To inform attendees of the recent advances in the biochemistry, nutrition and biomedical aspects of dietary fatty acids; to indicate the likely prospects for further discoveries and research breakthroughs; and to give a thorough overview of the diverse role of various dietary fatty acids in the maintenance of human health and nutrition with the emphasis on the chronic condition affecting mortality and morbidity in our society which have been attributed to dietary causes.

Who Should Attend:

Academic, industrial, federal and state investigators and researchers in the areas of biochemistry, nutrition and medicine, food manufacturing, pharmaceutical and biotech industries and others concerned with the health effects of dietary fats and with regulation and inspection of food and nutrition. The course will also be of interest to those who prepare institutional foods to be served to people on a routine or a specialized basis.

Program Highlights:

Health Effects of Dietary Fatty Acids
Composition, Metabolism and Function of Dietary Fatty Acids
Effects of Dietary Fatty Acids on the Cardiovascular System:
Hyperlipidemia and Lipoproteins
Effects of Dietary Fatty Acids on the Cardiovascular System:
Blood Pressure and Blood Clotting
Relationship Between Dietary Fatty Acids and Cancer
Effects of Dietary Fatty Acids on the Immune System
Effects of Dietary Fatty Acids on Other Chronic Conditions,
such as Arthritis, Asthma, Psoriasis
Recommendations for a Prudent Diet
Fats to Avoid
Current American Diet: Should it be Changed?

Course Chairperson:

Dr. Gary J. Nelson, Research Chemist, Western Human Nutrition Research Center, San Francisco, California

Dual-Track Short Courses on Newest Methods for the Analyses of Fats, Oils, Other Lipids and Lipoproteins

July 15-19, 1990 • Denmark

Two Dynamic Programs with Crossover Attendance Options:
Course I: Analysis of Fats, Oils and Other Lipids
Course II: Isolation, Characterization and Quantitative Analysis of Lipoproteins

Purpose:

To provide basic fat and oil chemistry and subsequent topics building from these basics to current state-of-the-art methods for the analysis of fats, oils and their derivatives. Current methods for the assessment of fat and oil quality will also be thoroughly addressed.

Who Should Attend:

Industrial researchers, research leaders and/or scientists, lab technicians, graduate students, biomedical-oriented research technicians.

Program Highlights:

Course I:
Lipid Classification
Basic Chemistry of Fats, Oils & Lipids
Isolation of Lipids from Plant and Animal Matrices
Applications of Thin Layer Chromatography to Lipid Separations
Solid Phase Extraction Chromatography Applied to Lipids
Applications of High Performance Liquid Chromatography to Lipid Separation and Analysis
Applications of Gas Liquid Chromatography to Lipid Separation and Analysis
Assessment of Fat and Oil Quality
Applications of NMR Spectrometry
Applications of Mass Spectrometry and GC-MS FAB and HPLC-MS
Robotics in the Lipid Analytical Laboratory
Emulsifiers
Course II:
Preparative Ultracentrifugation and Analytic Ultracentrifugation
Single Spin Density Gradient Systems and Micropreparative Ultracentrifugation
Electrophoresis
Low Pressure and High Performance Chromatography
Immunoaffinity Chromatography
Isolation and Analysis of Lipoprotein Enzymes
Electroimmuno Assay and ELISA Techniques

Course Chairperson:

Dr. V.K.S. Shukla, Senior Manager, Analytical Research & Development, Aarhus Oliefabrik A/S, Denmark



ANNUAL MEETING



81st American Oil Chemists' Society Annual Meeting

Baltimore, Maryland • April 22-25, 1990

The largest annual meeting for people involved in the chemistry, biochemistry and processing of fats and oils, vegetable proteins and related products will be held in the spring of 1990

Over 300 papers will be presented by speakers from all over the world. Among the subjects scheduled to be included in the technical program are:

Recent Advances in the Biochemistry of Phospholipids
Enzymatic Modification of Fats & Oils
Industrial Uses of Edible Fats & Oils
Impact of New Soy Varieties on Oil and Protein Composition
Solid Phase Extraction
Capillary Gas Chromatography
Engineering for Improved Environmental Control
Metals and Lipid Oxidation
Milk Lipids
Protein-Nutrient Interactions
Effects of Dietary Proteins on Health and Disease
Preparations and Properties of Chemical Modified Proteins
Process Engineering Conditions for the Production of High Quality Seed Proteins
Surfactants — Miscellaneous Topics
Fats and Oils Processing — Modern Practices
Castor Oil
Hyperlipidemia
Applications of Supercritical Fluid Technology
Lipid Oxidative Chemistry
Hexane Quality
Lipids in Cancer
Separation and Purification Processes
Nutrition of Unsaturated Fatty Acids

Call for Papers:

The deadline for submission of the **paper proposal** to be considered as a presentation is October 15, 1989. The deadline for submission of the **final abstract** is January 1, 1990. All materials should be sent to the American Oil Chemists' Society, P.O. Box 3489, Champaign, IL 61826-3489 USA.

The technical program will be supplemented by an extensive exhibit of suppliers to the industry. Numerous social events will provide plentiful opportunity for interaction among colleagues.

General Chairperson:

Thomas A. Foglia, Lead Scientist, USDA-ARS-Eastern Regional Research Center

Technical Program Chairperson:

Gerhard Maerker, Supervisory Research Chemist, USDA-ARS-Eastern Regional Research Center

WORLD CONFERENCE

World Conference on Oleochemicals: Into the 21st Century

October 7-12, 1990 • Kuala Lumpur, Malaysia

Purpose:

The Conference will provide registrants with an understanding of the major economic factors and technological developments that will shape the oleochemical industry through the beginning of the 21st century. There will be thorough discussions of the latest developments in applications of oleochemicals, as well as a detailed analysis of supply and demand trends throughout the world. Since the conference will be held in the ASEAN region, it will provide a view of the future development of the oleochemical industry in the area.

Who Should Attend:

A worldwide audience of specialists concerned with production of oleochemicals, their applications in consumer and industrial products and those concerned with marketing developments and trends through the 1990's, which will be a primary focus for the conference. Crushers of raw materials, processors, plant engineers, suppliers to the industry, developers of personal care products for consumers, market analysts, chemical engineers and virtually anyone involved in the chain from raw materials to final products will find information of immediate practical application.

Program Highlights:

Marketing & Economics

Toiletries & Soaps, Plastics Additives, Detergents & Washing Auxiliaries, Food Processing Aids, Oleochemical Potential Indonesia, Malaysia, Vietnam

Raw Materials

Palm Oil, Palm Kernel Oil, Coconut Oil, Meat Fats, Oilseeds Bioengineering, Castor Oil, New Oilseed Crops, Rapeseed

Processing

New & Emerging Technologies, Hydrogenation, Amine Processing, Environmental Control in Oleochemical Processing, Special Problems in the Far East, Biotechnical Processing

Applications

Polysucrose Esters, Surfactant Biodegradation

Exhibition:

An exhibit of suppliers of goods and services to the industry, including leading-edge technology, will be held in the exhibition hall of the Kuala Lumpur Hilton Hotel, site of the conference.

Sponsoring Organizations:

American Oil Chemists' Society, Palm Oil Research Institute of Malaysia and ASEAN Oleochemical Manufacturers Group

General Chairperson:

Edward C. Leonard, General Manager, Humko Chemical, Div of Witco Chemical

Local Chairperson:

A.S.H. Ong, Director General, Palm Oil Research Institute of Malaysia

MEETING INFORMATION

Please send me additional information on the following meetings as it becomes available:

- Health Effects of Dietary Fatty Acids
- Methods for the Analyses of Fats, Oils, Other Lipids and Lipoproteins
- 81st American Oil Chemists' Society Annual Meeting
- World Conference on Oleochemicals: Into the 21st Century

Are you a member of AOCS? Yes No

Name _____

Company/Institution _____

Mailing Address _____

City/State _____

Postal Code/Country _____

Please return to:
Meeting Department
American Oil Chemists' Society
P.O. Box 3489
Champaign, IL 61826-3489 USA

INSIDE AOCS

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Schmutz, D. Shah, J.M. Snyder, C.R. Somerville, F. Spener, M.D. Stern, D. Sweigart, G.J. Toeneboehn, R. Varadaraj, J.R. Varvll, P.W. Waldroup, J.C. Weigel, J.D. Wendel and P. White.

Ohio Valley unit to meet Oct. 24

AOCS' Ohio Valley Section, formed at the 1989 AOCS national meeting, will hold its first dinner meeting Tuesday, Oct. 24, 1989, at Kings Island Inn, Kings Island, Ohio.

Three speakers are scheduled. Roy Carr, AOCS president, will discuss national AOCS activities. A

speaker, yet to be selected at press time, will present the history of fats and oils and detergents in the Ohio Valley. Don Deming will close the program with tales of the steamboat era in the Cincinnati region.

The meeting will begin with cocktails at 5:30 p.m. "This meeting will provide a social gathering for our members and will set the stage for future technical programs by providing a history of fats and oils in the area," Phillip Bross, a section officer, said.

For further information, or to make reservations, call Howard Creinin, secretary, at 513-242-2310.

Obituary

ILLONA TAUSSKY

Dr. Illona Taussky, an AOCS mem-

ber since 1973, died July 22, 1989, at her home in New York of cancer. She was 86 years old.

Dr. Taussky had been an independent consultant since moving to the United States from Europe during the 1930s Depression. Her father, Julius, had developed citric acid treatment of vegetable oils as a means to chelate trace metals during processing. She came to the United States after his death. Dr. Taussky held several patents. She attended the 1989 AOCS annual meeting in Cincinnati this past May.

She is survived by a sister, Olga Taussky Todd, in California.

METHODOLOGY

Use of aflatoxin kits proposed

John McKinney, chairman of the AOCS Smalley Aflatoxin Series, has recommended that the methodology currently employed in the analysis of Smalley aflatoxin samples be expanded to include the use of immunoassay test kits. The addition would become effective in August, 1990, beginning with the 1990-1991 Smalley Program year.

Currently, the Smalley Aflatoxin Series includes samples of cottonseed meal, peanut meal and corn meal (to be analyzed for aflatoxins B₁, B₂, G₁ and G₂), and milk samples to be analyzed for aflatoxin M₁. Each of the four sample categories includes eight samples per year (August through February). Participants may elect to receive samples from one or any number of the four categories. Under the present regulations, if analysts are to be considered for Smalley awards, aflatoxin analysis must be performed using either official AOAC or official AOCS test methods. Beginning

with the 1990 Program year, aflatoxin results based on test kit methodology also will qualify analysts to be considered for Smalley awards. For QA/QC purposes, reports issued to the participants will show the combined results obtained using the test kit methodology as well as the conventional methodology. For more information, potential participants should contact either AOCS Smalley Clerk Sandra Burr at AOCS headquarters, or John McKinney, AOCS Smalley Aflatoxin Committee Chairman, PO Box 2596, Fresno, CA 93745, phone (209) 237-1774.

AOAC's Division of Contaminants Chemistry has recommended that AOAC adopt as official first action (first step toward adoption as an approved method) the use of an enzyme-linked immunosorbent assay (ELISA) for screening aflatoxin B₁, B₂ and G₁ contamination at 20 ng/g or more in cottonseed and peanut butter and at 30 ng/g



or more in corn and raw peanuts.

Fat & oil related reference samples
The AOCS Smalley Committee will be offering an expanded list of fat and oil related secondary reference samples, beginning in either late 1989 or early 1990. These samples will be representative of Smalley samples that have undergone extensive analyses during the Smalley Program year. These samples will be offered at a price of \$25 each, plus postage. After taking