

Meetings



WORLD CONFERENCE ON EMERGING TECHNOLOGIES IN THE FATS AND OILS INDUSTRY

Emerging Technologies program announced

The World Conference on Emerging Technologies in the Fats and Oils Industry, to be held Nov. 3-8, 1985, in Cannes, France, will feature speakers from more than 15 nations describing the latest developments relative to unit processes, energy, environmental topics, end uses and automation and computerization.

In addition to the invited plenary lectures, registrants will be able to attend poster sessions on three days at which contributed papers will be presented. There also will be informal discussion sessions each day at which registrants can ask follow-up questions of plenary speakers. The accompanying exposition will give registrants a chance to see the latest in services and equipment offered by suppliers to the industry.

The full meeting, therefore, should provide registrants with an over-all appreciation of what lies ahead. "This meeting will focus on developments in the fats and oils industry through the end of the century and beyond," program chairman T.L. Mounts said. "There have been dramatic changes in the international fats and oils industries during the past 15 years, and we can expect even greater changes in the next 15 years. This meeting will provide a view of the future, with attendees able to anticipate which directions technology and usage are likely to go."

The tentative plenary program, as of early 1985, is pub-

lished in this issue of *JA OCS*. The meeting registration and housing reservation form is included in this issue of *JA OCS*. Additional forms are available from the AOCS Meetings Manager, 508 S. Sixth St., Champaign, IL 61820 USA. Persons who specifically wish to be in the conference headquarters hotel are urged to make housing reservations early. Several hotels will be required to accommodate all conference participants, and only those who register early can be assured of their first choice in housing.

In addition to the plenary lectures, poster sessions, discussion sessions and exposition, the conference includes a series of social events designed to provide ample opportunity for informal conversations. These include an opening reception Sunday, Nov. 3; a mixer in the exposition area Monday evening, Nov. 4, and a gala social event. A spouses' program will be available for persons accompanying technical registrants.

Registrants at previous world conferences supported by AOCS have praised not only the technical content of the programs, but the opportunity to meet with colleagues from other nations to discuss common problems and potential solutions to those problems. Such meetings, past registrants have said, often provide contacts that prove useful in future years.

Tentative Technical Program

The conference will begin with three keynote speakers. They will set the stage for the later technical sessions by providing an international perspective to the topics discussed and indicating their importance to fats and oils industries worldwide.

The three keynote speakers and their topics will be:

Richard Randag of Lesieur Cotelle and Associates in Boulogne Billancourt, France, on International Trade.

Thomas H. Applewhite of Kraft, Inc. in Glenview, Illinois, on Nutritional and Consumer Concerns.

A.R. MacRae of Unilever Research in Sharnbrook, Bedford, England, on Biotechnology.

Session I - International Trade

Cochairmen: Richard Randag, Lesieur Cotelle and Associates, Boulogne Billancourt, France
John Hasman, Best Foods Research and Engineering Center, CPC International, Union, New Jersey, USA

Topics: Rules
Standards
Methods
World Reports

Speakers: William Link, Sherex Corporation, Dublin, Ohio, USA
Other speakers to be confirmed.

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Session II - Process Improvements

Cochairmen: Roy Carr, POS Pilot Plant Corporation, Saskatoon, Saskatchewan, Canada
Kari Jokinen, Raision Tehtaat, Raision, Finland

Topics: Hydrogenation
American Food Packaging Innovations
European Food Packaging Innovations
Quality Characteristics and Properties of the Principal World Oils When Processed by Physical Refining
New Rendering Processes
VPEX, Innovative Canola Processing
Flake Conditioning
Filtration

Speakers: Jon Alasker, Stord Bartz, Norway
K. Alexandersen, Gerstenberg et Agger A/S, Denmark
L. Bénjamins, Amafilter B.V., The Netherlands
John Hasman, Best Foods-CPC International, United States
Robert Hastert, Harshaw/Filtrol Partnership, United States
Don Loewen, CSP Foods Ltd., Canada
Georg Penk, Lurgi, West Germany
Ross D. Reed, Kraft Inc., United States

Session III - Total Plant Safety

Cochairmen: H.J. Sandvig, Cargill Inc., Minneapolis, Minnesota, USA
Rene Guillaumin, Institut des Corps Gras (ITERG), Paris, France

Topics: Receiving and Loading
Preparation
Prepress
Extraction U.S.
Extraction Europe
Safety

Speakers: George Anderson, Crown Iron Works, United States
Jean-Marc Buteux, Sociéty Lesieur-Alimentaire, France
Jose Lajara, Cindasa, Spain
Francois Loury, Cargill Inc., United States
Bertrand Noel, Comexol S.A., France

Session IV - Alternative Energy Sources

Cochairmen: Frans Bodenheimer, Cargill Inc., The Netherlands
J.C. Obert, France

Topics: Economics of Wind Energy
Economics of Heat Pump Technology
Alternative Fuels in Steam Boilers

Speakers: H.J.H. Beurskens, Netherlands Energy Research Foundation, The Netherlands
P.H.H. Leijendeckers, Van Heugsten Engineering, The Netherlands
Additional speaker to be confirmed.

Session V - Energy Economics in Unit Processes

Cochairmen: David Tandy, EMI Corporation, Des Plaines, Illinois, USA
H. Revuz, Speichim, Bondy, France

Topics: Oilseed Cleaning, Drying and Preparation
Energy Savings in Solvent Extraction
Energy Conservation in Product Design from a Manufacturer's Point of View
Energy Conservation in Continuous Rendering
Energy Conservation in Production of Electrolytic Hydrogen

Speakers: C. Baker, Electrolyser Corp. Ltd., Canada
Sadra Dada, Continental Grain Co., United States
J.F. Guernier, Rousselot Co., France
D.E. Marchand, Speichim, France
Dusan Urosevic, Buss Ltd., Switzerland

Session VI - Environmental Technologies: Air Pollution and Control

Cochairmen: Calvin T. Zehnder, consultant, Louisville, Kentucky, USA
D. Girelli, Stazione Sperimentale per I Combustibili Viale, Milan, Italy

Topics: Hydrocarbon Emission from Extraction Plants
System for Water Purification to Eliminate Odor in Deodorizer Effluent
Odor Removal in the Oleochemical Industry

Speakers: A. Athanassiadis, DeSmet Engineering, Belgium
G.F. Bastiens, Cargill Inc., United States
L. Jeromin, Henkel, West Germany

Session VII - Environmental Technologies: Water Pollution and Control

Cochairmen: Michael Boyer, Applied Engineering & Science, Chamblee, Georgia, USA
J. Perrieres, Sociéty Guiguet, Aix-en-Provence, France

Topics: Anaerobic Treatment
Physical Chemical Treatment
In Plant Control

Speakers: Bjoern A. Janson, A.C. Biotechnics, Sweden
Norman Witte, Central Soya Co. Inc., United States
Other speakers to be confirmed.

Session VIII - Environmental Technologies: Byproduct Effects

Cochairmen: Anthony Athanassiadis, DeSmet Engineering, Edegem, Belgium
Robert Hastert, Harshaw/Filtrol Partnership, Cleveland, Ohio, USA

Topics: Spent Catalysts
Refiner's Earths

Meetings

Phosphatides
Deodorizer Distillates
Soapstock

Speakers: Frank Hennion, Immetco, United States
J.M. Klein, Lesieur-Alimentaire, France
Dr. Schneider, Lucas Meyer, West Germany
Robert Winters, Henkel Corp., United States
John Woerfel, consultant, United States

Session IX - Oilseed Meals

Cochairmen: E.W. Lusas, Texas A&M University, College Station, Texas, USA
C. Calet, CNRZ-INRA, Jouy-en-Josas, France

Topics: Animal Feed Materials
Detoxification of Meals for Animal Feeding
Advances in Feeding of Soybean Products
Feeding Farm Animals on Cottonseed By-products—Europe
Sunflower Meals and Residues
Development of Glandless Cottonseed
New Desolventizing and Toasting Processes
Rapeseed Meals and Residues
Economic Optimization of Oil and Fiber Reduction in Meal

Speakers: Glenn Brueske, Crown Iron Works, United States
E. Chone, CETIOM, France
M.J. Delort-Laval, Chemin de la Geraudiere, France
Khaled El-Shazly, University of Alexandria, Egypt
Lynn Jones, National Cottonseed Products Association, United States
H. Kozłowska, Institute of Food Engineering and Biotechnology, Poland
E.W. Lusas, Texas A&M University, United States
K. Ruckenstein, H.L.S. Ltd., Israel
Keith Smith, American Soybean Association, United States
Dr. Thompson, Unilever, Europe

Session X - Computerization and Automation: Process Control

Cochairmen: E.R. Lowrey, The Procter & Gamble Co., Cincinnati, Ohio, USA
P.J. Jongenellen, Unilever, Vlaardingen, The Netherlands

Topics: Extraction Plants (panel discussion)
Refineries (panel discussion)

Speakers: Claude Contre, Foxboro, France
Richard Fiala, A.E. Staley Co., United States
E.R. Lowrey, The Procter & Gamble Co., United States
E.W. Lusas, Texas A&M University, United States
Harry W. Petrie, Process Systems Inc., United States

Leigh Shoemaker, French Oil Mill Machinery Co., United States
Herman Stage, ATT Verfahrenstechnik GmbH, West Germany
L. Merle Wilson, Fisher Controls International, United States

Session XI - Computerization and Automation: Quality Control

Cochairmen: Francois Zwoboda, Lesieur-Cotelle, Boulogne Billancourt, France
Ronald T. Sleeter, Archer Daniels Midland Co., Clinton, Iowa, USA

Topics: Robotics
Computerization and Lab Instrumentation
Online Instrumentation
New Instrumentation
Automation and Computerization from Official Analysts' Point of View
On Stream Process Sensors
Automation in an Industrial Laboratory

Speakers: Richard D. Benson, Cargill Inc., United States
Michel Blanc, Laboratories Wolff, France
S. Kroll, Union Deutsche Lebensmittelwerke GmbH, West Germany
Mark Matlock, Archer Daniels Midland, United States
G. Owens, The Procter & Gamble Co., United States
Edward G. Perkins, University of Illinois, United States
P.Y. Vigneron, Lesieur-Alimentaire, France

Session XII - Olive Oil Processing and Refining

Cochairmen: Enzo Fedeli, Stazione Sperimentale Industrie Industrie Oli e Grassi, Milan, Italy
M. de Regis, FEDICO, Marseilles, France

Topics: Extraction and Refining, General Aspects
International Regulations
Extraction Technology
Refining Technology
Nutrition and Biochemical Aspects

Speakers: Bruno Berra, Italy
Alberto Gianazza, Fr. Gianazza SpA, Italy
Gabriele Luzi, Consejo Oleicola International, Spain
Gennaro Perialisi, Nuova Maip, Italy
Martinez Suarez, Instituto de la Grasa y sus Derivados, Spain

Session XIII - Biotechnology: Oil Production

Cochairmen: G. Pelletier, CNRA, Versailles, France
R.K. Downey, Agriculture Canada, Saskatoon, Saskatchewan, Canada

Topics: Cloning of Oil Palm
Protoplast Fusion and DNA Transfer Techniques with Respect to Oil

Meetings

Genetic Manipulation of Oil Crops
Regeneration of Soybeans from Cell Cultivars
Single-Cell Oil
Fatty Acid Metabolism

Speakers: R. Keith Downey, Agriculture Canada, Canada
L.M. Jones, Unilever, United Kingdom
Vic Knauf, Calgene, United States
G. Pelletier, CNRA, France
C. Ratledge, University of Hull, United Kingdom
Paul Stumpf, University of California-Davis, United States

Session XIV - Biotechnology: Biotransformations

Cochairmen: J. Graille, Department Chemie des Corps Gras, Montpellier, France
Robert Malley, Novo Labs Inc., Wilton, Connecticut, USA

Topics: Biotransesterification of Glycerides
Fats Biotransformation
Partial Biohydrolysis of Glycerides
Biooxidation of Unsaturated Hydrocarbons and Fatty Acids
New Immobilized Lipase for Interesterification
Biohydrolysis of Vegetable Oil Soapstock for Fatty Acid Production

Speakers: E. Casadevall
Thomas T. Hansen, Novo, Denmark
Other speakers to be confirmed.

Participating organizations

While the primary organizations involved in developing the World Conference on Emerging Technologies in the Fats and Oils Industry have been the Institut des Corps Gras (ITERG) in France and the American Oil Chemists' Society in the United States, 18 other organizations have enrolled as "participating organizations."

These groups support the conference by providing members for the organizing committees and by promoting participation in the conference.

Participating organizations for the 1985 conference, as of mid-March, were:

- ANIA, France
- Association Francaise pour l'Etude des Corps Gras, France.
- Associazione Italiana Industria Olearia, Italy
- British Food Manufacturing Industries Research Association, United Kingdom
- Deutsche Gessellschaft für Fettwissenschaft, West Germany
- Fats and Oils Group, Society of Chemical Industry, United Kingdom
- Fédération Nationale des Huileries Métropolitaines et Industries Dérivées, France
- The EEC Seed Crushers and Oil Processors' Federation, Belgium

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Food and Agricultural Organization, United Nations, Italy
International Olive Oil Council, Spain
Societa Italiana per lo Studio Delle sostanze Grasse, Italy
Stazione Sperimentale Oli e Grassi, Italy
Syndicat General des Fabricants d'Huiles et de Tourteaus
de France, France
Verband Deutscher Oelmulhen, West Germany
International Sunflower Association, Australia
American Soybean Association, United States
CIVO Instituten TNO, The Netherlands

06600 Mexico City, D.F., Mexico (telex 17 77 371). Miguel Machuca Lopez is serving as secretary and director general for the new organization, which seeks to improve all segments of the fats and oils industry from production through processing to end uses.

The tentative program for the short course includes papers on milling, pre-press solvent extraction, solvent extraction, expeller extraction, degumming and neutralizing, refining, hydrogenation, soybean oil refining, sunflower oil processing and finished products.

English and Spanish will be used in the short course with simultaneous translation provided.

Seminar in Mexico

An International Seminar on Extraction and Refining of Edible Oils will be held Oct. 9-11, 1985, in the Hotel Maria Isabel Sheraton in Mexico City under sponsorship of the newly formed Mexican Institute of Oils, Fats and Proteins.

Further information and registration forms may be obtained by writing to Instituto Mexicano de Aceites, Grasas Y Proteinas, A.C. (IMAP), Praga No. 39 Planta Baja C.P.,

Biotechnology conference

The University of Minnesota will sponsor a conference Oct. 7-9, 1985, in Minneapolis, for researchers for academia, government and industry to explore the current and future applications of biotechnology in the food processing industry. For more information, contact Susan Harlander, telephone 612-373-8080.

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Call for papers

The technical program committee for the joint annual meeting of the American Oil Chemists' Society and the Japan Oil Chemists' Society, to be held May 14-18, 1986, in Honolulu, Hawaii, is accepting abstracts until Nov. 1, 1985, for papers to be presented during that meeting.

Persons wishing to present papers should submit three copies of a 100- to 300-word abstract (no figures, schemes or references) with title, speaker and co-authors clearly indicated. All information should be on one side of a single piece of paper.

Presentations are expected to require approximately 20 minutes, including any time the author wishes to use for questions from the audience. Please indicate if the presentation will be a traditional slide-and-lecture format or during a poster session. Poster presentations are encouraged.

Persons whose abstracts are accepted will be notified during early 1986 by the technical program chairman.

Mail abstracts to: Dr. Glen Fuller, 1986 AOCs Technical Program Chairman; Western Regional Research Center, ARS-USDA; 800 Buchanan St.; Albany, CA 94710 USA.

Topics being considered for symposia and regular technical sessions include: analysis of oils, fats and lipids; animal fat; biotechnology and genetic modification; biochemistry; edible oils; energy conservation; flavor chemistry of fats and oils; liposomes; marine oils; medical uses of lipids; nutrition; oilseed processing; oxidation; phytolipids; plant oils from new sources; proteins and derived products; specialty lipid products, and surfactants and detergents.