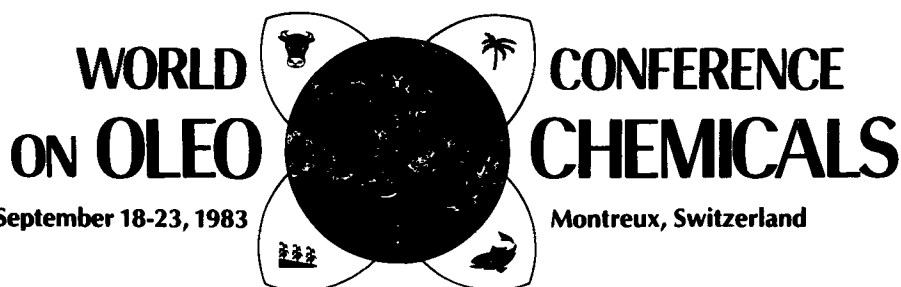


Meetings



Program

Sunday, September 18, 1983

Afternoon: Meeting registration desk opens in Montreux Convention Center 12.30

Evening: Reception — Montreux Palace Hotel 14.00

Monday, September 19, 1983

Registration Exhibits

08.30 Opening Ceremonies

09.00 Session I: Marketing and Economics

Chairman: E.C. Leonard, Humko Chemical Division of Witco Chemical Corporation, Memphis, Tennessee, USA

The Economic Outlook for the World and the Impact on the Oleochemical Industry

H.U. Grimm, vice president, Union Bank of Switzerland, Zurich, Switzerland

Challenges to a Mature Industry — Marketing and Economics of Oleochemicals in Western Europe

H.J. Richtler, director of oleochemicals division, Henkel KGaA, Düsseldorf, West Germany

10.10 Coffee break

10.30 Session I (continued)

Challenges to a Mature Industry — Marketing and Economics of Oleochemicals in the United States

SL Kopald Jr., general manager, and E.C. Leonard, Humko Chemical Division of Witco Chemical Corporation, Memphis, Tennessee, USA

Marketing and Economics of Fatty Alcohols
C.A. Houston, president, Colin A. Houston & Associates, Inc., Mamaroneck, New York, USA

Marketing and Economics of Oleochemicals to the Oil Patch

C.D. LaSusa, President, Jetco Chemicals Inc., Corsicana, Texas, USA

Marketing and Economics of Oleochemicals to the Plastics Industry

17.00

R.A. Reck, director of commercial development, ArmaK Industrial Chemicals, Chicago, Illinois, USA

Luncheon break

Session II: Processing and Production

Chairmen: N.O.V. Sonntag, consultant, Red Oak, Texas, USA; and M. Bouffioux, Oleofina S.A., Oelegen, Belgium

Biological Fat Hydrolysis — Late Developments

R.A. Binot, Oleofina S.A., Service de Technologie Alimentaire, C.E.R.I.A., Bruxelles, Belgium

Enzymatic Hydrolysis and Synthesis

W.M. Linfield, USDA Eastern Regional Research Center, Philadelphia, Pennsylvania, USA

Influences of Various Catalyst Poisons and Other Impurities on Fatty Acid Hydrogenation

H. Klimmek, Unichema International, Emmerich, West Germany

Fatty Acid Fractionation by Column Distillation with Respect to Purity, Energy Consumption and Running Conditions

H. Stage, A.T.T. Verfahrenstechnik, GmbH, Münster, West Germany

Use of Bleaching Earth in Fatty Acid Production

W. Zschau, Süd-Chemie A.G., München, West Germany

Separation of Saturated-Unsaturated Fatty Acids

G. Haraldsson, Alfa-Laval, Tumba, Sweden
Extraction and Characterization of Lipid Materials with Supercritical Carbon Dioxide

J. Friedrich and E.H. Pryde, USDA Northern Regional Research Center, Peoria, Illinois, USA

New Developments in the Fatty Acids Industry in America

N.O.V. Sonntag, consultant, Red Oak, Texas, USA

Discussion sessions

Meetings

Tuesday, September 20, 1983

Registration
Exhibits

08.30

Session III: Fatty Acids, Derivatives

Chairmen: R.C. Slagel, Union Camp Corporation, Savannah, Georgia, USA, and H. Stache, Chemische Werke Hüls A.G., Marl, West Germany

Practical Implications of Fatty Acid Topography Modification by Unsaturation

D. Duncan, Westvaco Corporation, Charleston Research Center, Charleston, South Carolina, USA

The Chemistry of Dibasic and Polybasic Fatty Acids

R.W. Johnson, Chemical Division, Union Camp Corporation, Savannah, Georgia, USA

10.05

Coffee break

10.15

Session III (continued)

Telomer Acids: Synthetic Monocarboxylic Acids with Long Chain Branching, Their Derivatives and Properties

H. van Brederode, Akzo Chemie R & D Center, Deventer, and W.J. Klein, Akzo Corporate Research, Arnhem, The Netherlands

Technical Uses of Fatty Acid Esters

A. Meffert, Henkel KGaA, Dusseldorf, West Germany

Fatty Acid Derivatives, Important Surfactants for Household, Cosmetic and Industrial Purposes

H.H. Maag, Chemische Werke Hüls A.G., Marl, West Germany

12.30

Luncheon break

14.00

Session IV: Raw Materials, Feedstocks and Intermediates

Chairmen: H. Zoebelin, Henkel KGaA, Düsseldorf, West Germany; and H. Stupel, Shell Chemical Company, Houston, Texas, USA

Fats and Oils as Feedstocks for Oleochemicals
K.F. Gander, Unilever, Hamburg, West Germany

Oleochemicals — Chemical Feedstock or Auxiliary

J.P. Heidrich, Henkel KGaA, Düsseldorf, West Germany

Future of Petrochemical Raw Materials

D.E. Haupt, G. Drinkard and H.F. Pierce, Shell Chemical Company, Houston, Texas, USA

15.35

Break

15.55

Session IV (continued)

Development of New Crops for Industrial Raw Materials

L.H. Princen, assistant director, USDA

Northern Regional Research Center, Peoria, Illinois, USA

Biotechnology and Oleochemicals: Changing Patterns

S.L. Neidleman, director of New Ventures Research, and J. Geigert, Cetus Corp., Berkeley, California, USA

17.00

Discussion groups

Evening: Free

Wednesday, September 21, 1983

Registration

Exhibits

08.30

Session V: Energy and Environment

Chairmen: W.J. McPherson, EMI Corporation, Des Plaines, Illinois, USA; and K.J. Bock, Chemische Werke Hüls A.G., Marl, West Germany.

Pollution Control — Current Practice in the United States

M.J. Boyer, Applied Engineering and Science, Schamblee, Georgia, USA

Water Protection in Europe

K.G. Malle, BASF A.G., Ludwigshafen, West Germany

Energy Conservation on a Complete Plant Scale

N.M. Lebard, EMI Corporation, Des Plaines, Illinois, USA

09.50

Coffee break

10.05

Session V (continued)

Handling of Hazardous or Waste Materials
L. Bierlein, Washington, D.C., USA

Utilization of By-products from Waste Treatment — New Technology

Speaker to be confirmed

Oleochemicals as a Fuel

H. Harwood, Research Triangle Institute, Research Triangle Park, North Carolina, USA

11.25

Discussion group

12.45-13.00

(approximate) Depart convention center for boat tour.

Evening: Free

Thursday, September 22, 1983

Registration

Exhibits

09.00

Session VI: Fatty Alcohols and Derivatives

Chairmen: F.R. Hogeman, Ethyl Corporation, Baton Rouge, Louisiana, USA, and E. Scherf, Condea-Chemie GmbH, Brunsbuttel, West Germany

The Properties and Uses of Some Unsaturated Fatty Alcohols and Their Derivatives

R.R. Egan, G.W. Earl and J. Ackerman, Sherex Chemical Co., Dublin, Ohio, USA

Worldwide Studies of Mixed Active Laundry Detergency

- M.F. Cox, research chemist, T.P. Matson, Conoco, Inc., Ponca City, Oklahoma, USA; J.L. Berna, A. Moreno, Petroquímica Española, Spain; S. Kawakani and M. Suzuki, Nissan Chemical Industries, Japan.
- 10.15** Break
- 10.45** **Session VI (continued)**
Biodegradation of Nonionic Surfactants
 R.R. Birch, Unilever Research, Port Sunlight Laboratory, Wirral, Merseyside, England
Manufacture of Fatty Alcohols Based on Natural Fats and Oils
 U. Kreuzer, Henkel KGaA, Düsseldorf, West Germany
Synthetic Alcohol Products and Applications
 E. Solleveld, Shell International Chemical Co. Ltd., London, England
- 12.15** Luncheon break
- 14.00** **Session VII: Nitrogen Fatty Chemicals, Derivatives**
 Chairmen: R.A. Reck, ArmaK Industrial Chemicals Division, Chicago, Illinois, USA, and G.H. Tauber, Hoechst A.G., Frankfurt am Main, West Germany
Industrial Production Processes of Fatty Amines and Their Derivatives
 S. Billenstein and G. Blaschke, Hoechst AG, Gendorf, West Germany
The Chemistry and Applications of Fatty Amine Derivatives in Solvent Extractions
 J.E. House, Henkel Corporation, Minneapolis, Minnesota, USA
The Analysis of Cationic Surfactants
 L.D. Metcalfe, assistant director of research, ArmaK Co., McCook, Illinois, USA
Cationic Surfactants in Laundry Detergents and Laundry Aftertreatment Aids
 R. Puchta, Henkel KGaA, Düsseldorf, West Germany
The Ecological Behavior of Cationic Surfactants from Fabric Softeners in the Aquatic Environment
 L.J. Huber, Bayerische Landesanstalt für Wasserforschung, München, West Germany
Organoclay Rheological Additives – Past, Present and Future
 W.S. Mardis, NL Industries, Hightstown, New Jersey, USA
Advances in Quaternary Ammonium Biocides
 P.J. Schaeufele, Lonza, Inc., Fair Lawn, New Jersey, USA
- 17.30** Discussion groups
- Evening:** Swiss Evening, Montreux Casino
- Friday, September 23, 1983**
- Registration
 Exhibits
- 08.30** **Session VIII: Fatty Chemical Applications and Analysis**
 Chairmen: K.T. Zilch, Emery Industries, Inc., Cincinnati, Ohio, USA, and W. Melloh, REWO Chemische Werke, GmbH, Steinau, West Germany
Column Types for Chromatographic Analysis of Oleochemicals
 D.M. Ottenstein, N. Pelick and L. Witting, Supelco, Inc., Bellefonte, Pennsylvania, USA
Synthetic Lubricants
 Speaker to be confirmed
Antimicrobial Agents Derived from Fatty Acids
 J. Kabara, professor of biomechanics, Michigan State University, Lansing, Michigan, USA
Present and Future Utilization of Palm Oil and Palm Kernel Oil Fatty Acids
 Roy J. de Vries, Acidchem (M) Sdn., Penang, Malaysia
- 10.15** Coffee break
- 10.40** **Session VIII (continued)**
Fats and Fatty Acids in Metal Working Fluids
 L. Lindén, AB Karlshamn, Karlshamn, Sweden
Structure Determination and Uses for Jojoba Oil
 T.K. Miwa, consultant, Tempe, Arizona, USA
Fatty Acid Coatings for Fillers
 F. Naughton, CasChem Inc., Bayonne, New Jersey, USA
- 12.00** Luncheon Break
- 14.00** **Session IX: Fatty Chemicals, New Chemistry**
 Chairmen: F.D. Gunstone, Chemistry Department, University of St. Andrews, St. Andrews, Scotland, and E.H. Pryde, USDA Northern Regional Research Center, Peoria, Illinois, USA
Hydroformylation (Oxo reactions)
 E.H. Pryde, Research Leader, USDA Northern Regional Research Center, Peoria, Illinois, USA
Metathesis of Fatty Acid Esters
 C. Boelhouwer and J.C. Mol, Department of Chemical Technology, University of Amsterdam, Amsterdam, The Netherlands
Hydrozirconation of Unsaturated Fatty Acid Derivatives
 S. Gronowitz, Professor of Organic Chemistry, Chemical Center, University of

Meetings

Lund, Lund, Sweden
 Fatty Oxazolines and Imidazolines
 W.M. Linfield, Research Leader, USDA
 Eastern Regional Research Center, Phila-
 delphia, Pennsylvania, USA
 Reactions of Oxygen with Unsaturated Fatty
 Acids
 F.D. Gunstone, Chemistry Department,
 University of St. Andrews, St. Andrews,
 Scotland
 Microbial Conversions of Alkanes and Fatty
 Acids
 C. Ratledge, Reader, Department of Bio-
 chemistry, University of Hull, Hull,
 England

17.00 Discussion groups

Session chairmen

The session chairmen for the World Conference on Oleochemicals have been key persons in conference planning. In addition to serving on the steering/program committee, these individuals have recommended specific topics for discussion and then sought out the best available speakers on those topics.

The following persons are among those who are serving as conference session chairmen. Information and photographs were not received from all session chairmen in time to be published.



William E. Link
 Conference chairman

William E. Link is director of research and development for Sherex Chemical Company Inc. in Dublin, Ohio. He received his doctorate in 1954 from the University of Wisconsin and then joined Archer Daniels Midland as a research chemist. In 1967 he joined the staff of Ashland Chemical Co. in a division that later was acquired by Schering AG and transformed into the present Sherex organization. He is the author of numerous publications relating to oleochemicals and has served on numerous technical committees of the American Oil Chemists' Society. He served as AOCS president during 1975 and as editor of the organization's book of Official and Tentative Methods from 1971 through 1978.



E. Munning-Schmidt
 Conference vice-chairman

E. Munning-Schmidt is a native of The Netherlands who received his degree in geology from Amsterdam University in 1963. For several years he worked as sales manager for a mineral processing company in Amsterdam, then joined Akzo Chemie in 1971 as a catalyst commercial manager. Since 1978 he has been general manager of the fatty amines business unit of Akzo Chemie in Amersfoort, The Netherlands.



Marcel J. Bouffioux
 Session Chairman for
 Processing and Production

Marcel J. Bouffioux is a chemical engineer and director for Oleofina S.A. in Brussels, Belgium. He is a lecturer at the faculty of agriculture at the University of Louvain-la-Neuve. He is serving as a representative of the Association of Fatty Acid Producing Companies (APAG) in Europe to the steering/planning committee for the world conference.



Frank D. Gunstone
 Session Chairman for Fatty
 Chemicals, New Chemistry

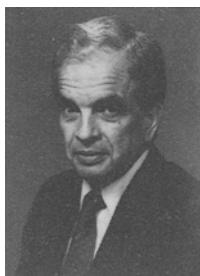
Meetings

Frank Gunstone holds doctorates from the University of Liverpool and University of St. Andrews. He presently is a professor of chemistry at St. Andrews, having also served as dean of the faculty of science (1973-76) and vice-principal of the university (1977-81). He is the author of more than 200 research publications, including three books on fats and oils. He is a past recipient of the AOCS Award in Lipid Chemistry and presented both the Hilditch and Kaufmann lectures to fats and oils organizations in Europe.



Fred R. Hogeman
Session Chairman for Fatty
Alcohols and Derivatives

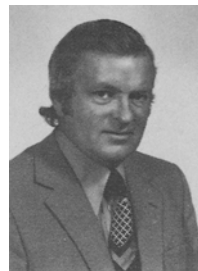
Fred R. Hogeman is marketing manager for alcohols and builders for the Ethyl Corporation in Baton Rouge, Louisiana. He is a graduate of Louisiana State University and also holds a master's of business administration (MBA) degree from Xavier University in Cincinnati, Ohio. He is an active member of The Soap and Detergent Association of the United States, serving on its steering committee, and a member of the soap and detergent steering committee for *JAOCS*. He served on the planning committee for the 1977 World Conference on Soaps and Detergents which was held in Montreux.



E.C. Leonard
Session Chairman for
Marketing and Economics

E.C. Leonard is corporate vice president and general manager for Humko Chemical, a division of Witco Chemical Corporation. He received his bachelor of science degree and his doctorate degree in organic chemistry from the University of North Carolina; he also has received a master's of business administration (MBA) degree from the University of Chicago. He worked for Union Carbide Corporation

and The Borden Company before joining the Humko staff in 1967. Dr. Leonard is the author of a number of monographs, scientific papers and patents. His research interests include high polymers and the chemistry, marketing and economics of oleochemicals.



Wilhelm Melloh
Session chairman for Fatty
Chemical Applications
and Analysis

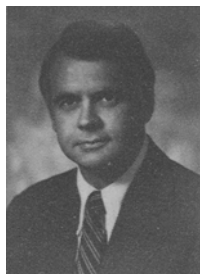
Dr. Wilhelm Melloh is a graduate of the University of Mainz. After graduating in 1959, he worked with Deutsche Shell AG Raffinerie Godorf and at Beiersdorf in Hamburg before joining his present organization, REWO. He joined that firm's research and development staff in 1962, became a works manager in 1968 and, since February 1980, has been technical director.



Everett H. Pryde
Session Chairman for Fatty
Chemicals, New Chemistry

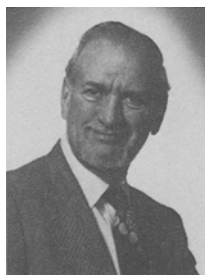
Everett H. Pryde is research leader of exploratory organic reactions research in the oilseed crops laboratory at the USDA Northern Regional Research Center in Peoria, Illinois. He has been active in vegetable oil research for more than 25 years, during which time he has authored or coauthored more than 120 publications and patents as well as serving as editor for three AOCS monographs, "Fatty Acids," "Handbook of Soy Oil Processing and Utilization," and "New Sources of Fats and Oils." He holds degrees from Amherst College, the University of Michigan and the University of Wisconsin, where he received his doctorate in organic chemistry in 1948. He is a member of numerous professional societies as well as the honorary organizations of Phi Beta Kappa, Phi Lambda Upsilon and Sigma Xi.

Meetings



Robert C. Slagel
Session Chairman for Fatty
Acids, Derivatives

Robert Slagel is technical director for the chemical products division of Union Camp Corporation in Atlanta, Georgia. He received his bachelor's degree in 1958 from Western Michigan University and his doctorate in 1962 from the University of Illinois. Before joining Union Camp in 1979, he worked with Archer Daniels Midland Co. and Ashland Chemical Co., and the Calgon Corporation. An active member of the AOCS, he also belongs to the American Chemical Society, American Institute of Mining Engineers, Technical Association of the Pulp and Paper Industry (TAPPI), the Pennsylvania Academy of Science, Phi Lambda Upsilon and Sigma Xi. He is the author of 16 technical papers and 22 patents.



N.O.V. Sonntag
Session Chairman for
Processing and Production

N.O.V. Sonntag is a private consultant to the olechemicals industry. He has an extensive background in fatty chemicals, having served in research positions with numerous major firms. He is a past president of the American Oil Chemists' Society and served as chairman for the 1979 AOCS Short Course on Industrial Fatty Acids. He received his doctorate from Brooklyn Polytechnic Institute. Dr. Sonntag has authored numerous technical publications, including chapters for Bailey's Industrial Oil and Fat Products.

Helmut Stache studied at the Bergakademie Clausthal-Zellerfeld and Landgraf-Philipp University in Marburg, Lahn, receiving his diploma in 1953 and his doctorate in 1954. He worked several years in the soap and detergent



Helmut Stache
Session Chairman for
Fatty Acids, Derivatives

industry in analysis, production and applications technology. In 1963 he joined Chemische Werke Huls AG in Marl, West Germany, where he is now director of the technical applications department for surfactants and organic chemicals. He is the author of a series of books on detergents published by Carl Hanser Verlag and is active in several national and international associations related to detergent manufacturing and processing.



Günther H. Täuber
Session Chairman for
Nitrogen Fatty Chemicals,
Derivatives

Günther H. Täuber received his doctorate in protein chemistry at the Technical University of Hannover and then did postdoctorate research on keratin chemistry in Australia with CSIRO. He has been with Hoechst AG in Frankfurt, Germany, since 1960, working in development and technical service of surfactants, including environmental safety.



Karl T. Zilch

Karl T. Zilch
Session Chairman for Fatty
Chemical Applications
and Analysis

Karl T. Zilch is research director for Emery Industries in Cincinnati, Ohio. The immediate past president of the American Oil Chemists' Society, Dr. Zilch is well known in the U.S. fatty chemicals industry. He served as general chairman for the 1977 World Conference on Soaps and Detergents. He received his doctorate from the University of Missouri in 1949 and has been with Emery since 1955.



Hans Zoebelin
Session Chairman for Raw
Materials, Feedstocks
and Intermediates

Hans Zoebelin is vice president for research and production development, technical service and business development for the chemical division of Henkel KGaA in Dusseldorf, West Germany. He joined Henkel in 1958 after receiving his doctorate from the Technical University, Munich. He is a member of the board for the German Society for Fat Science (Deutsche Gesellschaft für Fettwissenschaften) and chairman of the renewable resources section of the Verband der Chemischen Industrie in Germany.

Conference committee

An international committee from the fats and oils industry, including leading oleochemical specialists worldwide, has helped develop the program for the World Conference on Oleochemicals.

Members during the past three years have included:

William E. Link, Sherex Chemical Co., conference chairman; E. Munning-Schmidt, Akzo Chemie BV, conference vice chairman; Kurt Gehri, USS Union der Seifen- und Waschmittelfabrikanten der Schweiz, local chairman; James Lyon, American Oil Chemists' Society; J.G. Aalbers, CESIO; R. Aneja, Clemson University; A.R. Baldwin, retired; Herman Beckmann, Harshaw Chemie B.V.; Karl J. Bock, Chemische Werke Hüls A.G.; Marcel Bouffieux, Oleofina S.A.; Theodore E. Brenner, The Soap and Detergent Association (U.S.).

Douglas E. Campbell, Pulp Chemicals Association; David S. Dixon, FOSFA; P.E. Dyer, The United Kingdom Renderers' Association Ltd.; Arnold M. Gavin, EMI Corporation; Frank D. Gunstone, University of St. Andrews; R.J. Hamilton, Liverpool Polytechnic University; James A. Hartlage, Stepan Chemical Co.; Robert C. Hastert, Harshaw Chemical Co.; Michael J. Hein, Capital City Products Co.; Fred R. Hogeman, Ethyl Corporation.

Shiro Ishida, Nippon Oil and Fats Company, Ltd.; Roger A. Klein, University of Cambridge; Helmut Klimmek, Unichema Chemie GmbH; George Kreutzer, EMI Corporation; Jacob P. Krumbein, Reichhold Chemicals Inc.; Vincent P. Kucski, C.P. Hall Company of Illinois.

R.E. Lancaster, Tropical Products Sales S.A.; E.C. Leonard, Humko Chemical Co.; E.R. Lowrey, Procter & Gamble; Francis E. Luddy, USDA Eastern Regional Research Center; Hasse Lüning, Kenogard AB; Helmut K. Mangold, West German Federal Center for Lipid Research; Reinhard Marcuse, Lipidforum; Ted P. Matson, Conoco; William J. McPherson, EMI Corporation; Wilhelm Melloh, Rewo Chemische Werke GmbH; Lincoln D. Metcalfe, Armark Company.

Frank D. Naughton, CasChem Inc.; Horst Niemann, Schering AG; Everett H. Pryde, USDA Northern Regional Research Center; Richard A. Reck, Armark Industrial Chemicals; Virgil J. Richter, Colgate-Palmolive Co.; Lawrence Rogovin, Procter & Gamble; Hjalmar Saav, Jahres Fabrikker A/S; Martin A.F. Samlowski, Henkel Chemicals (Canada) Ltd.; Erich Scherf, Condea-Chemie GmbH; M.K. Schwitzer, Society of Chemical Industry Fats and Oils Division; C. J. Seagrave, Foster Wheeler Ltd.; Arthur Seher, Bundesanstalt für Fettforschung; Fred Simonian, Armour Dial Company; Robert C. Slagel, Union Camp Corporation; Ken Smith, Akzo Chemie B.V.; Norman O.V. Sonntag, consultant; Herman Stache, Chemische Werke Hüls AG; Herman Stage, A.T.T. Verfahrenstechnik GmbH; Werner Stein, Henkel KGaA; Helmut Stupel, Shell Chemical Company.

Günther Täuber, Hoehst AG; David D. Taft, Henkel Corporation; William H. Tallent, USDA Agricultural Research Service; Aldo Uzzan, Institut de Corps Gras; Eduardo Vioque, Instituto de la Grasa y sus Derivados; John Weekers, CESIO; Francis B. White, Foster Wheeler; Karl T. Zilch, Emery Industries Inc.; and Hans Zoebelin, Henkel KGaA.

Participating organizations

Organizing a meeting such as the World Conference on Oleochemicals requires international cooperation not only among industry leaders who help plan the program, but among various organizations involved with oleochemicals.

The American Oil Chemists' Society serves as the coordinating organization, but the efforts of other organizations are indispensable to identify topics that should be discussed, selecting committee members and speakers and to

make sure information about the meeting reaches persons who should be interested in attending.

Participating organizations in the preparation for the 1983 World Conference on Oleochemicals are:

L'Association Européenne des Producteurs d'Acides Gras, (APAG), Brussels, Belgium

Institute de la Grasa y sus Derivados, Seville, Spain

Institute de Corps Gras, Paris, France

Deutsche Gesellschaft für Fettwissenschaft E.V.,
Munster, West Germany

Comité Européen d'Agents de Surface et Intermediaires Organiques (CESIO), Brussels, Belgium

Norges Kjemski Industrigruppe, Oslo, Norway

Oil Technologists Association of India, New Delhi, India

The Jojoba Society, Tempe, Arizona

Asian and Pacific Coconut Community, Jakarta,

Federation of Oils, Seeds and Fats Association, London,
England

Council of Scientific and Industrial Research, New
Delhi, India

American Soybean Association, St. Louis, Missouri

Pulp Chemical Association, New York, New York

Fatty Acid and Glycerine Division of the Soap and

Detergent Association, New York, New York

Svenske Kemiingenjörers Riksforening, Stockholm,
Sweden.

Two of these organizations have been particularly active in helping plan the oleochemical conference—APAG and CESIO.

APAG, the European Association of Fatty Acid Producing Companies, was formed in 1976 as the European firms realized the international effects of energy prices and regulatory activity required assessing industry-wide atti-

tudes toward such changes.

APAG's purpose is to provide information to members about regulatory activities of various governmental bodies and, if needed, to provide information to authorities regarding proposed future regulations. APAG monitors business data useful to the industry, helps develop analytical methods, holds technical meetings and distributes information about fatty acids and their uses.

APAG is affiliated with the European Federation of the Chemical Industry, which basically represents the Western European chemical industry in the councils of Europe, including the Common Market offices which are also located in Brussels.

Whereas some European associations are federations of national organizations, APAG is one which individual firms may join. Regular memberships are available to fatty acid producers; associate memberships are available to producers of tall oil, glycerine or other such products closely related to the fatty acid industry.

APAG's general assembly chooses a steering committee which is responsible for the organization's operation. At least two members of the 12 member steering committee must be from companies in non-Common Market countries.

APAG's technical and environmental committee works to develop analytical methods, standards for raw materials, technical applications of fatty acids and to develop joint research projects with universities or other research institutions.

The organization's various committees and working groups maintain an active schedule of meetings. APAG is a young organization, but it is rapidly becoming more valuable to the European fatty acid industry.

CESIO now 9 years old

The World Surfactants Congress, to be held in Munich May 6-10, 1984, will be the first major international congress sponsored by the nine-year-old European Committee of Organic Surfactants and Their Intermediates, better known by its French acronym, CESIO (Comité Européen des Agents de Surface et leurs Intermediaires Organiques). CESIO is a participating organization in the World Conference on Oleochemicals.

The technical program will cover five major topics, with a total of approximately 100 presentations. The meeting is designed partially to continue the technical exchange gatherings of the now-defunct CID (Comité International de Dérives Tensio-Actifs), an international group that was concerned with all aspects of surface chemistry. The five major topics in Munich will be:

*Surfactants and their economic significance, including economic developments and forecasts in different fields of applications or types of surfactants.

*Raw materials, including structure, properties, synthesis, and manufacturing.

*Chemistry and physics, including fundamental principles, interfacial phenomena, properties and structures, and analytical methods.

*Applications, including detergents and cleaning agents, cosmetics, pharmaceuticals, foods, sugar, textiles, fibers, leather and fur industries, chemical uses in paints, varnishes, dyestuffs and agricultural chemicals, and in the metal processing industry, petroleum, and building industries.

*Environmental concerns, including wastewater, recycling, distribution and environmental fate, disposal and biodegradation, ecotoxicology, and impact of legislation.

The task of organizing the technical portion of the 1984 congress has been assumed by TEGEWA, the German national organization for surfactant producers. CESIO is an international federation of eight such national organizations. Participating nations and the national federations are: Austria, Fachverband der Chemischen Industrie Österreichs; Switzerland, Schweizerische Gesellschaft für Chemische Industrie; France, Syndicat National des Fabricants d'Agents de Surface et des Produits Auxiliaires Industries; The Netherlands, Vereniging van de Nederlandse Chemische Industrie; Belgium, Association Belgo-Luxembourgeoise des Produc-

teurs et des Distributeurs de Savons, Detergents, Produits d'Entretien, d'Hygiene et de Toilette, Colles et Produits Connexes; West Germany, Verband der Textilhilfsmittel Lederhilfsmittel, Gerbstoff- und Waschrohstoff-Industrie; Italy, Producttori Italiani Tensioattivi ed Intermedi Organici; and United Kingdom, Group for Organic Surfactant Intermediate Products. Scandinavia and Spain research groups hold scientific membership in CESIO; associate membership is held by the AIS, a federation of national associations representing companies that produce finished products in the soap and detergent industry.

In CESIO, common policies toward European-wide regulation are developed concerning surfactant and intermediate products. As the common Market Organization began to consider ways to develop uniform regulations for various aspects of the chemical industry, it was important for the firms affected by those regulations to develop a united approach to help shape such regulation, explains Han Aalbers of The Netherlands, current president of CESIO's Steering Group, the main administrative arm. The Steering Group establishes and oversees the work of committees.

CESIO's formal objectives include establishing contact with Common Market officials and those of other international organizations interested in surfactants and "to make representations to the appropriate international authorities on specific problems that are vitally affecting the industry, such as environmental aspects, consumer protection, labeling and packaging, transport, tariff structure or other topics."

While the orientation of the first CESIO assembly meetings was technical, in recent years CESIO has sought to involve more management-level persons in its activities.

Voting representation also reflects the group's composition. In the General Assembly, each national delegation is entitled to cast votes in proportion to its contribution to the CESIO budget. That means the larger national organizations carry more influence. In the administrative Steering Group, however, each national group has one vote and an effective veto, since decisions must be unanimous. To prevent a multinational company from dominating the Steering Group, no more than two of the eight voting representatives may be from the same multinational firm.

As an affiliate of the European federation of the chemical industry, CESIO receives administrative support from that organization's staff. Technical work, however, is handled by member volunteers.

The main CESIO projects are carried on through committees called Working Groups. There are presently five permanent Working Groups, two of which are joint committees with the AIS, the European federation of national soap and detergent manufacturers' organizations. These two groups are concerned with environmental safety and with analytical methodology. The other three committees are:

- *Technical and Regulatory Affairs, which works to help develop consensus statements on national and international regulatory proposals.

- *Statistics, which arranges for confidential compilation of production and consumption data.

- *Test Methods, which develops and publishes methods

for testing and evaluation of surfactants.

CESIO's General Assembly meets at least every two years to approve work programs and budgets. The eight national federations represent approximately 80 firms that produce organic surfactants and their intermediates. Total employment of those firms is approximately 10,000 persons. Other associations representing raw material producers have expressed interest in affiliating with CESIO.

With the Munich meeting, CESIO is taking its first steps into organizing significant international conferences. Persons interested in submitting a paper, or who simply want to receive full registration information, should write to the World Surfactants Congress, Interplan, Convention- and Visitors' Service, Sophienstrasse 1, D-8000 Munchen 2, West Germany. Registration materials are expected to be ready for distribution later this year.

Scandinavian Symposium in June

The 12th Scandinavian Symposium on Lipids is scheduled for June 12-16, 1983, in Mariehamn, Aland, Finland.

Topics to be discussed will cover all phases of fats and oils. Plenary lecture topics will include marine lipids, plant lipids, Finnish nutritional research, tall oil, industrial fatty acid fractionation, relation between chemical structure and the physical and functional properties of fats; new sources of vegetable oils, and influence of dietary essential and nonessential polyunsaturated fatty acids on prostaglandins and leukotrienes.

Registration forms are available from Prof. Yrjo Makki, Statens Tekniska Forskningscentral, Livsmedelslaboratoriet, Biologgranden 1, SF 02150 ESCO 15, Finland.

Third ASA Brussels seminar

The third American Soybean Association seminar on soybean processing in Brussels, Belgium, will be held June 7-9, 1983, at the Eurotel Hotel.

Registration and a reception will be held the afternoon and evening of June 7. The program on June 8 will focus on hydrogenation, with a buffet dinner to be held that evening. The program on June 9 will focus on formulation of margarine and shortening products and their nutritional qualities.

Further information is available from the ASA, Centre International Rogier, Box 521, 1000 Brussels, Belgium.

Call for Papers

Papers are invited for a seminar on Vegetable Oil as Diesel Fuel, to be held in October at the USDA's Northern Regional Research Center in Peoria, Illinois. The Seminar will be sponsored by the Northern Agricultural Energy Center and will address current research in the area of vegetable oil substitutes for compression ignition engines. Proposal deadline is May 15, 1983, and papers should be submitted to: Marvin O. Bagby, manager, Northern Agricultural Energy Center, 1815 N. University St., Peoria, IL 61604.