

Detergents program announced

Organizers for the Second World Conference on Detergents—Looking Toward the 90s—have unveiled a tentative technical program of 45 plenary speakers from a dozen nations.

The conference is to be held Oct. 5–10, 1986, in Montreux, Switzerland. The purpose is to offer an update of the technical, economic, legislative and commercial trends in detergents and the detergent industry and to look at the future of the industry.

Session topics include world trends in the industry and society that may affect the industry's development through the end of the century; raw material supply and economics; equipment and textile trends; formulation technology of laundry products and nonlaundry products, builder systems, special function ingredients; processing and packaging; and research and consumer interface. The conference will conclude with a summary session.

The tentative plenary program follows this article.

The first such conference was held in 1977 in Montreux. Among the organizations helping produce the conference are the American Oil Chemists' Society, the Association International de la Savonnerie et de la Detergence (AIS), and The Soap and Detergent Association of the United States.

Since the 1977 meeting, there have been numerous changes in the industry. At that time, petroleum prices were rising; more recently they have been in decline. The use of enzymes in detergents has increased. Laundry detergents with oxygen bleach, common in Europe, are expected to gain market share in the United States.

Organizers have been working the past three years to identify topics, chairpersons and speakers who can provide a new generation of industry executives and researchers with the latest available information.

The technical program will begin each day at 8:30 a.m. and conclude about 4:30 p.m. There will be approximately 90 minutes for lunch each day. Plenary talks will be presented in English, French or German, with simultaneous translation provided. Immediately following each plenary session, there will be a question-and-answer session at which registrants may question plenary speakers. Organizers also have allowed ample time for informal conversations among conference participants, to encourage individual discussions.

As time limitations do not permit presentations on all potential topics, the organizers have scheduled poster sessions at which volunteer presentations may be made. Persons who wish to present poster papers should send a title, abstract of 100 words or less, and a complete mailing address to the poster chairman: Fred Hogeman, Ethyl Corp., 451 Florida St., Baton Rouge, LA 70801, USA. Further guidelines will be sent to authors whose abstracts are accepted.

An industrial exposition will provide the opportunity to see the latest in equipment and services available from suppliers to the industry. All parts of the program—plenary sessions, poster sessions and the exhibit—will be held in the Convention Center in Montreux.

Each registrant will receive a copy of the conference proceedings to be published early in 1987.

All-conference social events will include an opening mixer on Sunday, Oct. 5; a boat tour of Lac Lemman (Lake Geneva) on Wednesday afternoon, Oct. 8; and a gala dinner on Thursday evening, Oct. 9. Tickets to these events are provided to each technical registrant.

A spouses' program will include the all-conference social events, as well as a cogwheel trip to a nearby scenic outlook, a visit to Geneva, Switzerland (including the United Nations complex and the old town

area), and a visit to a nearby chocolate factory.

Registration fees are \$350 for technical registrants and \$180 for spouses' registrants, if paid by Sept. 1, 1986. The fees are \$395 for technical registrants and \$200 for spouses' registrants, if paid after Sept. 1, 1986. A registration form is included in this issue of *JAOCS*; if it has been used, additional copies may be obtained from the Meetings Manager, American Oil Chemists' Society, 508 S. Sixth St, Champaign, IL 61820, USA.

Housing reservations may be made by writing to: Second World Conference on Detergents, Box 97, CH-1820 Montreux, Switzerland. Deluxe, first class, middle class and tourist accommodations are available. Price ranges for single deluxe rooms with bath will be 186–220 Swiss francs per night; for first class single rooms, 140 Swiss francs; for middle class, 110 to 125 Swiss francs; and for tourist class, 65 to 85 Swiss francs. Rates for double occupancy rooms, with bath, will be 252–260 Swiss francs for deluxe; 180 to 200 Swiss francs for first class; 130 to 150 Swiss francs for middle class; and 100 to 130 Swiss francs for tourist class. Please indicate if you wish single or double accommodations, and whether you wish deluxe, first class, middle class or tourist class. Specify your date of arrival and date of departure. If you are planning to share a double room, please put the name of your roommate in your letter. Reservation confirmations will be mailed by the hotels.



Swissair has been designated the official airline for the conference. Special travel arrangements for those traveling from the United States may be made by contacting the official conference travel agent: International Travel Service, 102 Wilmont Rd., Deerfield, IL 60015 (telephone 800-621-1083).

Tentative Technical Program

Monday, Oct. 6, 1986

Session I: Plenary

Chairperson:

Ted P. Matson
Vista Chemical Co.
Ponca City, Oklahoma

Topics, speakers:

The Interagency Program on Drinking Water Supplies and Sanitation

Enzo Fano
UNDTCD

Worldwide Economic Outlook, 1987

Werner Rein
Union Bank of Switzerland
Zurich, Switzerland

Plenary address

Michael R. Angus
Unilever
London, England

Session II: World Trends

Chairpersons:

R. J. Duggan
Unilever Research
Port Sunlight Laboratory
United Kingdom

Keith Booman
The Soap and Detergent Association
New York, New York

Topics, speakers:

Europe

H. D. Winkhaus
Henkel

North America

Ted Brenner
The Soap and Detergent Association
New York, New York

Latin America

Alberto Hidalgo
Colgate-Palmolive
Piscataway, New Jersey

China

F. Cheng

Japan

Speaker to be confirmed
Question session

Tuesday, Oct. 7, 1986

Session III: Raw Materials

Chairpersons:

Helmut Stupel
Shell Chemical Co.
Houston, Texas

Hans Zobelein
Henkel KGaA
Dusseldorf, West Germany

Topics, speakers:

World Petrochemical Feedstocks for Detergents: The Next Decade

C. M. Schlaudt
Shell Chemical Company
Houston, Texas

Oleochemical—Outlook Until 1990

J. Knaut
Henkel

Inorganic Raw Materials for the Detergent Industry

Giancarlo Bressan
Mont Edison

Sodium Silicates and Sodium Aluminosilicates—A Worldwide Update

George C. Schweiker
The PQ Corporation
Lafayette Hill, Pennsylvania

Session IV: Equipment/Textiles

Chairpersons:

Alberto Hidalgo
Vice-President, Worldwide Household Products and Process Development
Colgate-Palmolive
Piscataway, New Jersey

Rolf Lindman

AB Sunlight
Stockholm, Sweden

Topics, speakers:

Appliances—North America

Edward H. Eisele
Staff Vice-President, Research
Whirlpool Corp.
Benton Harbor, Michigan

Appliance Trends—Europe

Leif Johansson
AB Electrolux
Stockholm, Sweden

Textiles Trends Worldwide

Speaker to be confirmed

Question session/panel

Session V: Surfactants in Detergent Products (Laundry)

Chairpersons:

Karl Blomeyer
Procter & Gamble E.T.C.
Strombeck-Bever, Belgium

John Hockey
Lever Brothers
United States

Topics, speakers:

European Laundry Powders

Reginald V. Scowen
Unilever UK

North American Laundry Powders

John W. Leikhim
Procter & Gamble
United States

Far East Laundry Powders

Akira Mori
Lion Corp.
Tokyo, Japan

Detergent Bars and Pastes

Prem K. Chadna
Unilever (Japan) KK
Tokyo, Japan

Laundry Liquids—Worldwide

O. C. Kerfoot
Vista Chemical
Ponca City, Oklahoma

Question session

Meetings

Wednesday, Oct. 8, 1986

Session VI: Surfactants in Detergent Products (Non-laundry)

Chairpersons:

Warren Haug
Procter & Gamble
Cincinnati, Ohio

Allan Dillarstone
Colgate-Palmolive S.A.
Milmort, Belgium

Topics, speakers:

Dishwashing: U.S.

Kathleen M. Fernee
The Colgate Palmolive Co.
Piscataway, New Jersey

Dishwashing: Europe

Peter Berth
Henkel KGaA
Dusseldorf, West Germany

Household Cleaners

Michael Cox
Vista Chemical Co.
Ponca City, Oklahoma

Industrial and Institutional Products

W. M. H. Worth
Diversey Ltd. Technical Centre
Derby, United Kingdom

Bar Soap

R. Mark Dahlgren
Procter & Gamble
Cincinnati, Ohio

Question session

Afternoon: All-conference expedition

Thursday, Oct. 9, 1986

Session VII: Builder Systems in Detergent Products

Chairpersons:

Hans Verbeek
Henkel KGaA
Dusseldorf, West Germany

Eric Johnston
Albright & Wilson
West Midlands, England

Topics, speakers:

Phosphate Laundry Powders

Joachim Kandler
Hoechst Aktiengesellschaft
Hurth-Knapsack, West Germany

Organic Polymers in Detergent Formulations

Jochen Wirth
BASF
West Germany

Zeolites

Peter Krings
Henkel KGaA
Dusseldorf, West Germany

Mixed Builder Systems

R. Gresser
Rhone-Poulenc Recherches
Decines, France

Builder Systems in Liquid Laundry Detergents

C. A. Houston
C. A. Houston & Assoc. Inc.
Mamaroneck, New York

Builder Systems in North America

W. Morgenthaler
Monsanto Industrial Chemicals Co.
St. Louis, Missouri

Question session

Session VIII: Special Functions

Chairpersons:

Ramon Llenado
Lehn & Fink Products Group/
Sterling Drug Co.
Montvale, New Jersey

K. J. Minton
LaPorte Industries
London, England

Topics, speakers:

Overview

Ramon Llenado
Lehn & Fink Products Group/
Sterling Drug Co.
Montvale, New Jersey

Foam Control

Speaker to be confirmed

Fabric Conditioners

James C. Fuller
Sherex Inc.
Dublin, Ohio

Low Temperature Bleaching Systems

G. Hignett
Interox

Development of New Detergent Enzymes

P. N. Christensen
Novo Industri A/S
Bagsvaerd, Denmark

Fluorescent Whitening Agents

W. Schlusser
Bayer

Fragrances

Don Stagg
Givaudan
Geneva, Switzerland

Question session

Friday, Oct. 10, 1986

Session IX: Processing/Packaging

Chairpersons:

Ingmar Krokfors
Oy Nortend AB
Vantaa, Finland

Paul Sosis
Witco Chemical Co.
New York, New York

Topics, speakers:

Tower Powder Making and Quality Control

L. Progetti
G. Mazzoni S.p.A.
Busto Arsizio, Italy

Packaging

Robert Coughlin
Pneumatic Scale Corp.
Quincy, Massachusetts

Question session

Session X: Research and Consumer Interface

Chairpersons:

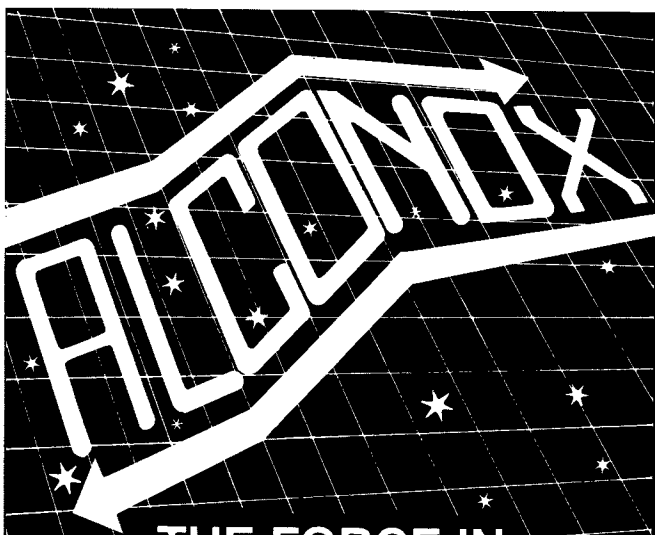
Joachim Kleinwachter
Lever Sunlight GmbH
Hamburg, West Germany

Harry Burnham
Burnham Associates
Cookham Dean, England

Topics, speakers:

A Government Viewpoint

H. von Lersner
German Environmental Office



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Meetings

Social Changes

W. van Dieren

IMSA

Amsterdam, The Netherlands

Industry Viewpoint

R. J. Duggan

Unilever Research

Port Sunlight Laboratory

United Kingdom

Question session

Consumer Interface

Jean-Francois Domont

DIA

Madrid, Spain

Marketing Changes

J. N. H. Whitaker

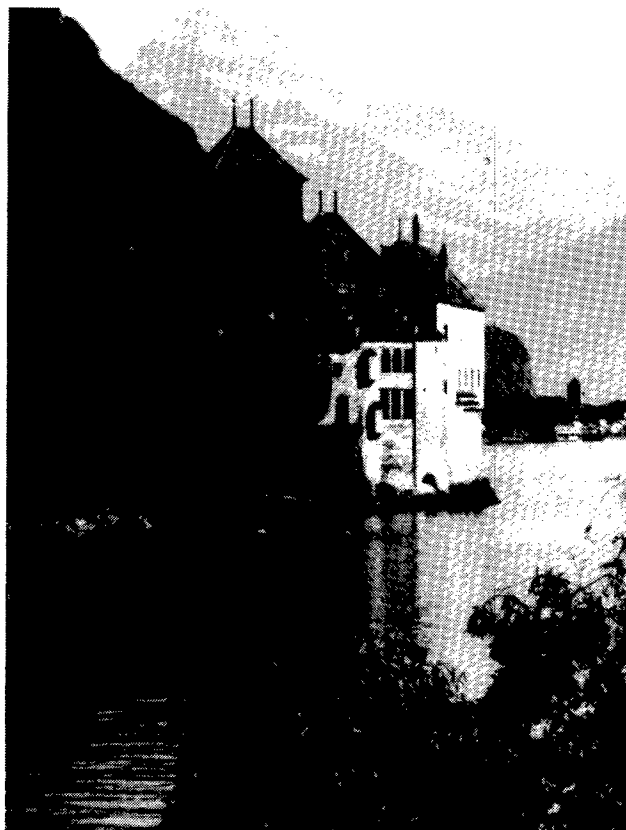
A.C. Nielsen Company

Oxford, England

Question session

Session XI: Conference Summary

Chairperson: A. de Jong, Unilever, Vlaardingen, The Netherlands



Biophysical Characterization of Dietary Lipid Influences on Lymphocytes •

Dorothy A. Adams, Sara J. Freauff, and Kent L. Erickson

Microsomal UDP-Glucuronyltransferase as a Probe of Its Lipid Environment •

David Zakim and Yehosua Hochman

Photolabeling from Inside the Membrane Reveals Factors Affecting Protein Insertion •

Bernadine J. Wisnieski and Leora S. Zalman

Permeation of Amphiphilic Solutes Across Lipid Bilayers •

John Bramhall

Fatty Acids, Monoglycerides and Sucrose Esters as Anticaries Agents Review •

Rachel A. Schemmel and J.J. Kabara

Effect of Monoglycerides on *Mycoplasma pneumoniae* Growth •

Ronald D. Fletcher, Ann C. Albers, John N. Albertson, Jr., and Jon J. Kabara

Antimicrobial Properties of Lauricidin in Mechanically Deboned Chicken, Minced Fish and Chicken Sausage •

Robert C. Baker, Winnie Poon, Donna Kline, and Dharam V. Vadehra

Effect of Dietary Lecithin on Lipid Metabolism in Rats •

M.L.W. Chang and M.A. Johnson

Comparison of Antibacterial Properties of Lauricidin® and BHA Against Antibiotic Resistant and Sensitive Strains of *Staphylococcus aureus* and *Pseudomonas aeruginosa* •

D.V. Vadehra and V. Wahi

Neutralization of Antibacterial Properties of Lauricidin® and BHA by Tweens •

D.V. Vadehra, V. Wahi, J. Keswani, and P.J. Asnani

Effects of Fatty Acid Derivatives on the Release of Extracellular Enzymes from Bacteria •

J.R. Chipley, P.T. Todd, F. Atchley, and J.J. Kabara

The Inactivation of Bactericidal Fatty Acids by an Enzyme of *Staphylococcus aureus* •

Frank A. Kapral and Joel E. Mortensen

Amphiphilic and Proteolytic Activation of *E. coli* Pyruvate Oxidase •

Gary B. Leisman, Michael A. Recny, John S. White, and Lowell P. Hager

The Significance of Lipids of Scotochromogenic Mycobacteria for Their Identification, Taxonomy and Immunostimulating Properties •

M. Mára, J. Julák, Z. Miková, and C. Michalec

Influence of Bond Location on the Effectiveness of Acyl Chains •

William E.M. Lands

Investigations on Lipid Associations Using Myelin Tube Formation •

Eugene Neuzil, Jeanne Fourche, and Helene Jensen

The Mode of Action of Cholesteryl 14-Methylhexadecanoate in Protein Synthesis •

Zdena Tuháčková and Jan Hradek

Effects of Fatty Acids on Intestinal Transport •

Helmut V. Ammon

The Pharmacological Effect of Lipids II

Edited by Jon J. Kabara
Department of Biomechanics
Michigan State University, East Lansing, Michigan

In terms of nutrition, fats have always been equated to calories. It is only recently that non-caloric roles for fats have emerged. Their role in prostaglandins and related substances has become better known in recent years, but there remains a need to summarize and give attention to other pharmacological effects of lipids in diverse areas of biology. This book helps meet that need. This volume originated in a symposium at a meeting of the American Oil Chemists' Society, as did its predecessor volume.

\$30 for Members/\$45 for Nonmembers
To order write: The American Oil Chemists' Society
508 South Sixth Street, Champaign, IL 61820

**The Subcellular Site of the Cholinergic Breakdown of Phosphatidylinositol: Implications on the Mechanism of Calcium Influx in the Parotid •**

Yoram Oron, Etta Nadler, and Moncia Lupu

Effect of Phospholipids on the Control of Nuclear DNA Template Restriction •

Francesco A. Manzoli, Nadir M. Maraldi, and Silvano Capitani

Biological Effects of Lipid Peroxides: Lipid Peroxidation Hypothesis of the Etiology of Multiple Sclerosis •

Hubert S. Mickel

Four Hypoglycaemic Compounds That Inhibit β -Oxidation: 2[5(4-Chlorophenyl) Pentyl] Oxirane-2-Carboxylate (POCA), Hypoglycin, Pent-4-enoate and Valproate: A Comparison of Their Mechanisms of Action •

H.S.A. Sherratt, K. Bartlett, and D.M. Turnbull

Examinations on Antitumor, Immunological, and Plant-Growth Inhibitory Effects of Monoglycerides of Caprylic, Capric, and Lauric Acids and Related Compounds •

Jon J. Kabara, Masanori Ohkawa, Tetsuro Ikekawa, Tatsuhiro Katori, and Yoshihiro Nishikawa

Antitumor and Antileukemic Properties of Synthetic Alkyl-Lysophospholipids (ALP) in Vitro •

Wolfgang E. Berdel, Ulrich Fink, Michael Fromm, Bernd Egger, Anneliese Reichert, Kurt S. Zanker, and Johann Rastetter

Final Report on a Combined Intravenous/Oral Phase I Pilot Study of the Alkyl-Lysophospholipid Derivative ET-18-OCH₃ •

Wolfgang E. Berdel, Ulrich Fink, Gaby Weiss, Hans P. Emslander, Ingeborg Wüst, Jack Nisenbaum, Ekkehard Thiel, Rudolf Babic, Wolfgang Gössner, Johann Rastetter, and Hans Bloemer

Inhibition of *Staphylococcus aureus* in a Model Sausage System by Monoglycerides •

Jon J. Kabara

Regulation of Hepatic Cholesterogenesis by Exogenous Cholesterol Investigated with ³H-Desmosterol Tracer •

Edward H. Goh

Recent Trends in Usage of Fats and Oils as Functional Ingredients in the Baking Industry – Nutritive Value •

Okkyung Kim Chung and Yeshajahu Pomeranz