

WORLD CONFERENCE DETAILS SET

At a combined meeting on September 3, in Chicago, the Steering and Program Committees of the AOCS sponsored World Conference on Oilseed and Vegetable Oil Processing Technology made final plans for the March 1-5, 1976, meeting scheduled for Amsterdam.

PROGRAM: With the exception of dignitaries for the opening session, all program slots are complete. A total of 57 technical presentations are scheduled for the 5-day affair. The program, which appears in a somewhat abbreviated form below, will be shown in detail, with registration forms, in the November issue of JAOCS.

PROGRAM

SESSION I

ECONOMIC CONSIDERATIONS

G.W. Kromer, Chairperson

1. "World Supply and Demand Situation for Oilseeds, Oils and Meals," S. Mielke
2. "Referee Chemists and Official Methods," W.E. Link
3. "Official Methods and Arbitration," E. Faure
4. "The Effect of Shipping on Quality of Seeds, Meals, Fats," M.R. Spencer

SESSION II

PROCESSING VEGETABLE OIL BEARING MATERIALS

K.W. Fangauf, D.K. Bredeson, and C.L. Kingsbaker, Co-Chairpersons

1. "Characteristics and Composition of Vegetable Oil Bearing Materials," A. Langstraat
2. "Loading, Unloading, Storage, Drying, and Cleaning of Vegetable Oil Bearing Materials," E.H. Gustafson
3. "Oil Mill Energy Sources and Power Balances in a Palm Oil Operation," E. Fonade
4. "The Continuous Processing of Palm Fruit," M. Germain
5. "Processing Peanuts and Cottonseed," E.J. Garcia M.
6. "Processing High Oil Content Seeds in Continuous Screw Presses," J.A. Ward
7. "Current Equipment for Mechanical Oil Extraction," W. Smith
8. "Preparation of Oil Bearing Materials for Solvent Extraction," W.B. Hendrick
9. "Batch Solvent Extraction," L. Gadotti
10. "Continuous Solvent Extraction of Soybeans and Cottonseed," R.P. Hutchins
11. "Continuous Solvent Extraction of Sunflower Seed, Peanuts, Palm Kernels, and Rapeseed," F. Glaser
12. "A Survey of Current Solvent Extraction Equipment," E.D. Milligan
13. "Energy Conservation in Solvent Extraction Plants," H.P.J. Jongeneelen
14. "Safety in Solvent Extraction Plants - USA," J.E. Heilman
15. "Safety in Solvent Extraction Plants - Europe," C.E.M. Critchfield
16. "Processing Effects on Oil Quality," R.J. Ohlson
17. "Protein Products and Hulls for Animal Foods," R. Roberts
18. "Whole Seed Processing for Animal Food," E. Nielson
19. "Oilseed Flour for Human Food," G. Bastiaans
20. "Standards for Protein Based Foods in Developing Countries," K.T. Achaya
21. "Protein Concentrates," D.W. Johnson
22. "Texturized Protein Products," R. Brian
23. "New Technology in Oilseed Proteins," K.W. Becker

SESSION III

PROCESSING VEGETABLE FATS AND OILS

K.W. Klein and R. Feron, Co-Chairpersons

1. "Crude Oil Handling and Storage," J.P. Burkhalter
2. "Special Problems in Small Scale Operations," G.M. Neumunz
3. "Small Scale Operations in Europe," C. Baumann
4. "Bleaching Practices in Europe," H.B.W. Patterson
5. "Bleaching Practices in the USA, F.H. Passalacqua
6. "Degumming, Refining, Bleaching, and Deodorization Theory," J.C. Cowan
7. "Degumming and Refining Practice in the US, R.A. Carr
8. "Degumming and Refining Practices in Europe," B. Braae
9. "Steam Refining," F.E. Sullivan
10. "Miscella Refining," G.C. Cavanagh
11. "Deodorization," C.T. Zehnder
12. "Automation in Vegetable Oil Refineries," A.J. Duff

SESSION IV

FATS AND OILS MODIFICATION

L.H. Wiedermann and A. Crossley, Co-Chairpersons

1. "Hydrogenation of Edible Oils," J.W.E. Coenen
2. "Interesterification of Edible Oils," H-H. Hustedt
3. "Fractionation and Winterization of Edible Fats and Oils," H.P. Kreulen
4. "Blending, Chilling, and Tempering of Margarines and Shortenings," A.J. Haighton
5. "Food Emulsifiers: Manufacture, Composition, and Application," J.B. Lauridsen

SESSION V

FINISHED PRODUCTS

F.A. Norris and J.P. Helme, Co-Chairpersons

1. "Finished Oil Handling and Storage in the US," L.M. Wright
2. "Finished Oil Handling and Storage in Europe," G.M.R. Johansson
3. "Salad and Cooking Oils," B. Lesieur
4. "Margarine Oils, Shortenings, and Vanaspati," K-F. Gander
5. "Specialty Fats," F.R. Paulicka
6. "Lecithin Production and Properties," W. van Nieuwenhuyzen
7. "Utilization of Lecithin," P.M. Scoocca
8. "Antioxidants," R.E. Sherwin

SESSION VI

OIL PROCESSING WASTES AND BY PRODUCTS

N.H. Witte, Chairperson

1. "Use or Disposal of By Products and Spent Material From the Vegetable Oil Processing Industry in the US," K.S. Watson
2. "Use or Disposal of By Products and Spent Material From the Vegetable Oil Processing Industry in Europe," C. Svensson
3. "Liquid Waste Treatment in the Vegetable Oil Processing Industry: Techniques in Europe," G. Choffel
4. "Liquid Waste Treatment in the Vegetable Oil Processing Industry: US Practices," G.N. McDermott

REFLECTIONS ON THE CONFERENCE: EUROPEAN VIEW

Ad Blankestijn

REFLECTIONS ON THE CONFERENCE: US VIEW

T.H. Applewhite

DISCUSSION GROUPS: The end of each days program will include scheduled discussion sessions. Speakers and session chairpersons will be assigned to discussion rooms and participants will have ample opportunity to meet head-to-head with the presenters to ask questions and to discuss specific problems in the speaker's area of expertise.

TRAVEL FROM THE UNITED STATES: A recent Civil Aeronautics Board Meeting has made it possible for non-AOCS members to reserve space on the AOCS Charter. Eligibility for this new charter (OTC) is open to everyone attending the conference and their families. Under old rules, charter reservations were virtually limited to AOCS Members. The new rules do require a prepaid package of ground arrangements. Early indications are that this will be a total of 15 dollars per day, and that it can be applied to hotel and ground transportation costs in Europe. The AOCS travel agent is currently studying the new rules which will be announced in detail soon. The charter is scheduled to leave Chicago on February 27, and to return from Amsterdam on March 8.

Since AOCS must make a *go or no go* decision by early December, anyone interested is urged to make reservations and send in deposits immediately. A form appears on page 566A of this issue.

Other travel arrangements have also been made. Space has been blocked on regular flights from Chicago and New York with departures on February 27 and return on March 12. These affinity groups require 40 or more passengers who have been members of the organization group for six months prior to departure. Current round trip tariffs for the groups are \$311 from New York and \$387 from Chicago, plus transfers.

HOTELS AND RATES: The Alpha and Crest hotels have been selected as official Conference hotels because they are only a few yards apart and only a short walk to the RAI Convention Centre where the sessions and exhibits are to be held. Rates in these modern hotels range from Hfl 63.00 to Hfl 75.00 single and from Hfl 81.00 to Hfl 95.00 twin, including breakfast, service, and all taxes. Space is, of course, limited. The local committee will be able to secure

additional space in less convenient and more expensive hotels for late registrants. Also, since unused rooms from the Conference block must be released to the hotel 30-60 days before the meeting, you are urged to register promptly.

SOCIAL EVENTS: A reception at a famous Amsterdam museum, amidst Rembrandt originals is scheduled for Monday. On Wednesday afternoon, refreshments will be served during a boat trip through Amsterdam Harbor to Zaanse Schans, site of the oldest operating linseed mill. Another event, possibly optional, is being scheduled for Thursday evening. There will be a gala Dutch evening festival with food, drink, and entertainment typically Dutch.

SPOUSES PROGRAM: The local committee is planning a special series of activities for spouses traveling to Amsterdam. Plans are still tentative, but a half day of activity is planned for Monday and Thursday, and an additional full day's schedule will be set for Tuesday. Spouses will also be invited to the special events at no additional charge except possibly for the Dutch evening. Among the activities being considered are visits to a diamond cutters, flower auction, a Delft factory, a cheesefarm, a tour to the Hague, and a shopping trip.

FEES: Registration fees for the conference include admission to the plenary technical sessions, the discussion groups, and the exhibits as well as to the social events. The fee has been set at Hfl 575.00, or about \$230.00 at current rates.

The ladies fee has been set at Hfl 60.00, about \$24.00, and if the Dutch evening is an optional event, it will be priced at Hfl 35.00.

All fees and hotel rates are quoted in Dutch guilders. Payment will be accepted in guilders or in US dollars at the rate of exchange applicable on the day the registration form is signed.

Early interest has been enthusiastic. Over two hundred inquiries have already been received, based entirely on early, sketchy press releases. The Steering and Program Committees anticipate a large attendance at a highly successful conference. ■

TUMOR LIPIDS: BIOCHEMISTRY AND METABOLISM

Edited by Randall Wood, Department of Medicine and Biochemistry, University of Missouri School of Medicine, Columbia, Missouri, this 6½ by 10-inch hardbound volume is the first book published by the American Oil Chemists' Society.

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CHAPTER TITLES INCLUDE:

1. ROLE OF FREE FATTY ACID AND LIPO-PROTEINS IN THE LIPID NUTRITION OF TUMOR CELLS
2. FATTY ACIDS AS METABOLIC FUELS OF CANCER CELLS
3. DEFECTIVE CONTROL OF CHOLESTEROL SYNTHESIS AND THE DEVELOPMENT OF LIVER CANCER: A REVIEW
4. REGULATION OF CHOLESTEROL SYNTHESIS IN HTC CELLS (MINIMAL DEVIATION HEPATOMA 7288C)
5. THE POSSIBLE ROLE OF CHOLESTERYL 14-METHYLHEXADECANOATE IN THE TUMOR GROWTH
6. PHOSPHOLIPID TURNOVER IN NORMAL AND CANCER CELLS
7. NORMAL AND NEOPLASTIC HUMAN BRAIN TISSUES: PHOSPHOLIPID, FATTY ACID AND UNSATURATION NUMBER MODIFICATIONS IN TUMORS
8. A COMPARATIVE STUDY OF LECITHINS FROM YOSHIDA HEPATOMA AH130, MORRIS HEPATOMA 5123C AND HOST RAT LIVERS
9. MOLECULAR STRUCTURES OF TUMOR LECITHINS AND THEIR RELEVANCE TO SOME PROPERTIES OF TUMOR CELL MEMBRANES
10. PLASMA MEMBRANE LIPIDS OF NORMAL AND NEOPLASTIC TISSUES
11. TUMOR LIPIDS: STRUCTURAL AND METABOLISM STUDIES OF EHRlich ASCITES CELLS
12. THE ROLE OF ACYL DIHYDROXYACETONE PHOSPHATE IN TUMOR LIPID METABOLISM
13. LIPID METABOLISM IN NORMAL AND TUMOR CELLS IN CULTURE
14. LIPIDS AND LIPID METABOLISM OF NOVIKOFF RAT HEPATOMA CELLS
15. PROTEOLIPIDS ASSOCIATED WITH MALIGNANCY
16. GLYCOLIPIDS IN VIRAL ENVELOPES
17. ALTERED GLYCOLIPID METABOLISM RELATED TO VIRAL TRANSFORMATION OF ESTABLISHED MOUSE CELL LINES
18. GLYCOLIPIDS—THEIR CHEMICAL PATTERN, SYNTHESIS AND DEGRADATION IN NORMAL AND TUMOR CELLS
19. GLYCOSPHINGOLIPIDS OF CLONAL LINES OF TRANSFORMED MOUSE FIBROBLASTS AND MOUSE ADRENOCORTICAL CELLS