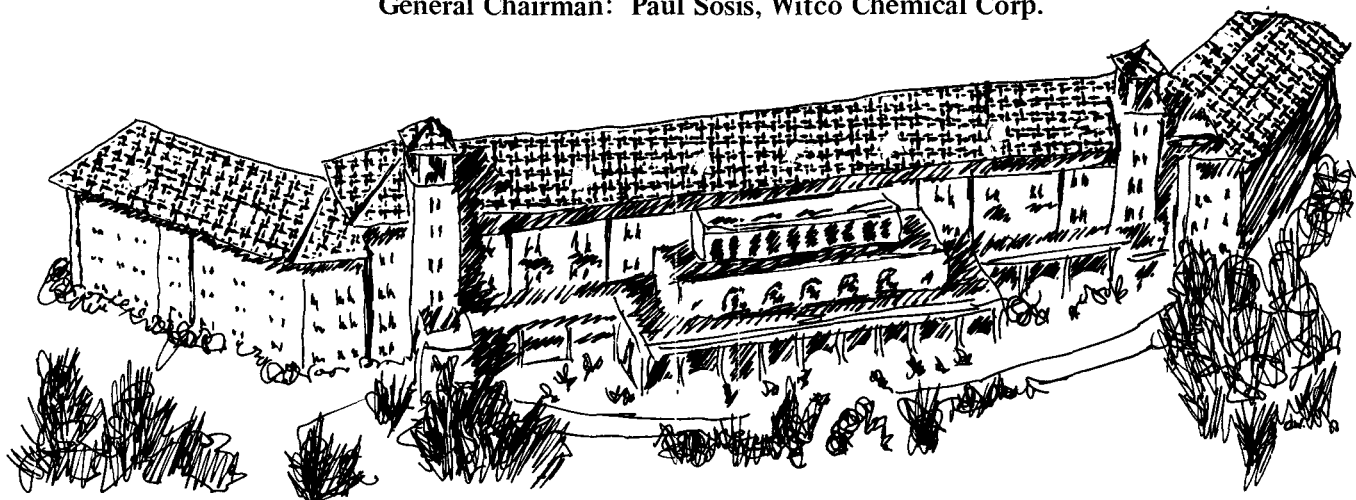

DETERGENTS IN THE CHANGING SCENE

AN AOCS SHORT COURSE

June 15-18, 1975

Hotel Hershey, Hershey, Pa.

General Chairman: Paul Sosis, Witco Chemical Corp.



A wide range of pertinent topics of interest to workers in the detergent industry has been scheduled for presentation during the AOCS Short Course Detergents in the Changing Scene, June 15-18, 1975, Hershey, Pa. The program will emphasize the important changes in the soap and detergent industry brought about by new technology and the changing energy picture. New chemicals and processes will be presented. There will be no reviews of familiar subjects, but speakers will emphasize the many new facets of the detergent industry that have developed over the past few years as a result of energy, ecology, and raw material problems. The program is divided into five major sessions which are outlined below.

SESSION I: Fundamentals of Detergency

Chairman, Arno Cahn, Lever Brothers

Capillary Effects in Fabric/Soil Systems, H.M. Princen, Lever Brothers

Some Physical Properties of Microemulsion Systems, Ronald L. Reed, Exxon

Kinetics of Soil Removal, Hans Schott, Temple University

Low Interfacial Tension Phenomena, William Wade, University of Texas

SESSION II: Outlook—Raw Materials and Energy

Chairman, M.F. Gautreaux, Ethyl Corp.

Energy Consumption in Detergent Manufacture and Use, Helmut Stupel, Shell Chemical Co.

Fatty Acids, Karl Zilch, Emery Industries

Ethylene—A Surfactant Raw Material, J.S. Doerr, Gulf Oil Chemicals

Future of Detergents, R.C. Davis, Whirlpool

SESSION III: Recent Developments in Surfactant Technology

Chairman, Donald E. Haupt, Shell Chemical Co.

Title to be announced, T.P. Matson, Conoco Chemicals

Panel Testing—A Small Time Answer to a Big Time Problem, Tom Edwards, Amway Corp.

The Application of Alcohol Ethoxysulfates in Heavy Duty Detergents, D.H. Sharer, Shell Chemical Co.

Silicates in Nonphosphate Liquid Laundry Products, T.C. Campbell, Philadelphia Quartz

SESSION IV: Regulatory and Environmental Factors

Chairman, E. Hudson, Colgate

Flame Retardancy, James Hoebel, Consumer Products Safety Commission

The Detergent Manufacturers' Responsibility under the Laws Administered by the CPSC, C.M. Jacobsen, Consumer Products Safety Commission

Assessment of Detergent Ingredients for Environmental Acceptability, R. Poole, Procter & Gamble

Assessment of Detergent Ingredients for Consumer Safety, R.N. Strum, Procter & Gamble

SESSION V: Consumer Applications

Chairman, Anne Lyng, Procter & Gamble

Textile Trends, Roger Wilson, R.L. Wilson Associates

Trends in Consumer Habits and Attitudes, Jane Kreel, Lever Brothers

Product Effects upon Washing Machines, Robert Shuck, General Electric

GENERAL INFORMATION

ACCOMODATIONS: The Hotel Hershey and Country Club is located in Hershey, Pa., Chocolate Town, U.S.A. Swimming, golf, tennis, sightseeing, and other entertainment are available in this luxurious year-round resort.

MEALS: All meals and gratuities are included in the registration price. The course will begin with a reception and Pennsylvania Dutch meal on Sunday evening, June 15, 1975.

REGISTRATION FEES: Registration fees include housing accomodations, all meals, and gratuities. Prices are based upon double occupancy. J.F. Gerecht will coordinate housing and other arrangements with the hotel. Note that there is a \$25.00 savings on full technical registration if payment is received in full at AOCS Headquarters on or before May 1, 1975.

FEES (Includes Room and Board)

	After May 1	Before May 1
Full Registration	\$185.00	\$160.00
Full-time Student	120.00	120.00
Spouses*	120.00	120.00

*Does not include technical program.

Registrants wishing to bring families to the hotel will be required to pay for additional members of the family (excluding spouse registration) directly to the hotel.

REGISTRATION FORM
DETERGENTS IN THE CHANGING SCENE

Hotel Hershey, Hershey, Pennsylvania

June 15-18, 1975

Return completed form to: Detergents Short Course, AOCS, 508 South Sixth Street, Champaign, Illinois 61820

Name _____

Company or Institution _____

Address _____

City _____ State _____ Zip _____

Spouse's name, if registering _____

Sharing a room with _____

Full Registration \$185.00 or \$160.00 (Payment enclosed)

Full-time Student \$120.00

Spouse \$120.00

Total _____

(Note: The lower rate applies when payment is received at the AOCS headquarters before May 1. All fees include room and board. Spouse's fee does not include technical program.)

Arrival: Date _____ Time _____ Departure: Date _____ Time _____