



6TH PRACTICAL SHORT COURSE

**Advanced Oil Processing – Palm,
Palm Kernel and Coconut Oil
Processing and Food Applications**

February 3 – 4, 2011
Newport Beach, California



**Newport Beach
Marriott Hotel & Spa**
Newport Beach, California

SPEAKERS

Mr. Bjarne Buchert, Product Sales Specialist, SPX Flow Technology Copenhagen, Denmark
Mr. Chris Dayton, Research Scientist, Bunge Oils, U.S.A.
Dr. Ignace Debruyne, Technical Marketing Consultant, ID&A, Belgium
Dr. Albert J. Dijkstra, Independent Oils & Fats Consultant, France
Mrs. Barbara Harten, Oils & Fats Processing, Commercial and Technical Coordination, GEA Westfalia Separator Industry, Germany
Mr. John Foley, Application Manager, Food Fortification, BASF Corp., U.S.A.

Mr. Harold Kazier, Technology and Technical Support Manager, Loders Croklaan NA, U.S.A.
Dr. S. Sefa Koseoglu, President, Filtration & Membrane World, U.S.A.
Mr. Doug Okonek, Executive Account Manager Process Technologies, BASF Catalyst LLC, U.S.A.
Dr. Andreas Papas, Adjunct Professor, Health Sciences, East Tennessee State University, U.S.A.
Mr. John Piazza, Market Unit Manager, Alfa Laval, USA
Mr. Frank Veldkamp, Director, Mahle Industrial Filtration-LFC, Netherlands
Mr. Greg Waranica, Sales Manager, Oils & Fats, Crown Iron Works Inc., U.S.A.

TENTATIVE PROGRAM

DAY 1: THURSDAY, FEBRUARY 3, 2011

- 08:25 **Opening Remarks**
 08:30 **Chemistry of Palm, Palm Kernel and Coconut Oil**,
 Dr. Albert J. Dijkstra, France, Belgium
 09:00 **Current Market Trends: Palm Oils & Co-Products**, TBA,
 09:30 **Palm and Coconut Oil Extraction Technology – Quality Management**, Mr. Greg Waranica, Crown Iron Works, USA.

OILS AND FATS PROCESSING

- 10:00 **Critical Parameters in Palm Oil Refining & Deodorization**,
 Mr. John Piazza, Alfa Laval, USA
 10:30 **Coffee/Tea Break**
 11:00 **Reduce your Maintenance Costs by Process Optimization and Machine Control**, Mrs. Barbara Harten, GEA Westfalia Separator Process, Germany
 11:30 **Latest Developments in Filtration of Edible oils and Fats and Bio-diesel During Oil Processing**, Mr. Frank Veldkamp, Mahle Industrial Filtration, Netherlands
 12:00 **Compact Heat Exchanger Solutions**, Mr. John Piazza, Alfa Laval Inc., U.S.A.
 12:30 **Lunch Break and Networking**

DOWNSTREAM PROCESSING

- 14:00 **Practical Approach to Fat Crystallization**, Dr. Albert J. Dijkstra, France
 14:30 **Versatility of Palm Oil for Trans Fat Replacement in Foods**, Mr. Harold Kazier, Loders Croklaan, USA
 15:00 **Coffee/Tea Break**
 15:30 **Hydrogenation of Oils and Fats**, Mr. Doug Okonek, BASF USA

- 16:00 **Enzymatic Interesterification for Novel Hardstocks**,
 Mr. Chris Dayton, Bunge, U.S.A.
 16:30 **Formation of Teams and Distribution of the Practical Problems**
 17:00 End of day 1 – Teamwork

DAY 2: FRIDAY, FEBRUARY 4, 2011

- 08:30 **Teams Presents Case Study Work - Interactive Discussion**
 10:00 **Opportunities in Use of Membrane Technology in Crude Oil Processing Including Palm and Other Tropical Oils**,
 Dr. Sefa Koseoglu, Filtration & Membrane World, USA.
 10:30 **Coffee/Tea Break**
 11:00 **Oil Quality & Oil Management Systems in Food and Frying Applications**, Dr. Ignace Debruyne, ID&A, Belgium

VALUE ADDED PRODUCTS

- 11:30 **Basics of Product Formulation**, Dr. Albert J. Dijkstra, France
 12:00 **Margarine Based on Palm Oil for Danish Pastry**, Mr. Bjarne Buchert, SPX Flow Technology Copenhagen, Denmark
 12:30 **Lunch & Networking**
 14:00 **The Use of Minor Components as Food Antioxidants**,
 Dr. Andreas Papas, East Tennessee State University, U.S.A.
 14:30 **Nutritional & Health Effect of Tocols & Carotenoids**,
 Dr. Andreas Papas, East Tennessee State University, U.S.A.
 15:00 **Palm Tocotrienols, Carotenoids and Vitamin A Fortification of Oils, Fats, Shortening and Margarine**, Mr. John Foley, BASF Corp., U.S.A.
 15:30 End of program

REGISTRATION

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First Name			
Last Name/Family Name			
Title			
Company			
Address			
City			
State/Province		Zip Code	
Country			
Business Phone		Fax Number	
E-mail			

REGISTRATION INFORMATION

Registration Fees*		After January 9, 2011	Amount
REGULAR REGISTRATION		\$895	
ACADEMIC REGISTRATION		\$595	
STUDENT REGISTRATION		\$295	

(*) Registration rate includes short course manuals, lunch and coffee breaks.

Payment by Credit Card:

Web: www.bioactivesworld.com/newportpalm.html

Payment by Bank Transfers: - Please request bank transfer information via e-mail or mail.

Checks should be made to: "Short Courses" and mailed to: Bioactives World Forum,
 309-C Manuel Drive, College Station, Texas 77840

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