



#### 4TH PRACTICAL SHORT COURSE

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

March 5-6, 2010 • Kuala Lumpur, Malaysia

In cooperation with GB@WORK Sdn. Bhd  
and the Bursa Malaysia Annual Palm & Lauric Oils Conference  
& Exhibition: Price Outlook 2010/2011 (POC2010)

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**Bioactives World Forum**  
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#### SPEAKERS

Mr. Dan Anderson, Director of Asian Operations, Crown Iron Works, U.S.A.  
Mr. Nik Aznizan, Research Officer, Technical Advisory Services Unit,  
MPOB Malaysian Palm Oil Board, Malaysia  
Dr. Ignace Debruyne, Technical Marketing Consultant, ID&A, Belgium  
Dr. Albert J. Dijkstra, Independent Oils & Fats Consultant, France  
Mr. Marc Hendrix, Product Manager Fractionation, DeSmet Ballestra  
Group, Belgium  
Mr. Seppo Hyvonen, Regional Market Unit Manager Middle East,  
SEA & Oceania, VOT, Alfa Laval Malaysia, Malaysia  
Dr. S. Sefa Koseoglu, President, Filtration & Membrane  
World, U.S.A.  
Mr. Bruce Leung, Alfa Laval Singapore, Singapore

Dr. Kalanithi Nesaretnam, Director Product Development  
and Advisory Services, MPOB, Malaysia  
Mr. Tanachart Ralsiripong, Nutrition Ingredients - Asia Pacific -  
Food Fortification, Strategy implementation, BASF East Asia,  
Hong Kong, China (P.R.C.)  
Mr. Unnikrishnan Ramachandran Unnithan, CEO, Carotino -  
JC Chang Group, Malaysia  
Mr. Frank Veldkamp, Director, Mahle Industrial Filtration-LFC,  
Netherlands  
Dr. Roland Verhé, Professor Organic Chemistry, Faculty of  
Bioscience Engineering, Ghent University, Belgium  
Mr. Imro 't Zand, Head of R&D, IOI Loders Croklaan Oils, Malaysia

## TENTATIVE PROGRAM

### DAY 1: FRIDAY, MARCH 5, 2010

- 8:25 Opening Remarks
- 8:30 **Chemistry of Palm, Palm Kernel and Coconut Oil**, Prof. Roland Verhé, Ghent University, Belgium
- 9:00 **Current Market Trends: Palm Oils & Co-Products**, Mr. Nik Aznizan, MPOB, Malaysia
- 9:30 **Palm and Coconut Oil Extraction Technology – Quality Management**, Mr. Dan Anderson, Crown Iron Works, U.S.A.
- 10:00 **Critical Parameters in Palm Oil Refining & Deodorization**, Mr. Seppo Hyvonen, Alfa Laval, Malaysia
- 10:30 Coffee/Tea Break
- 11:00 **Latest Developments in Filtration of Edible oils and Fats and Bio-diesel During Oil Processing**, Mr. Frank Veldkamp, Mahle Industrial Filtration, Netherlands
- 11:30 **Compact Heat Exchanger Solutions**, Mr. Bruce Leung, Alfa Laval, Singapore
- 12:00 **Palm & Lauric Oils – Quality, Safety & Specification**, Mr. Imro 't Zand, Loders Croklaan, Malaysia
- 12:30 Lunch Break and Networking
- 14:45 **New Developments in Fractionation Technology for the Production of High Quality Food Fats**, Mr. Marc Hendrix, DeSmet Ballestra, Belgium
- 15:15 **Practical Approach to Fat Crystallization**, Dr. Albert J. Dijkstra, France
- 15:45 Coffee/Tea Break
- 16:15 **Chemical and Enzymatic Interesterification for Novel Hardstocks**, Mr. Marc Hendrix, DeSmet Ballestra, Belgium
- 16:45 **Formation of Teams and Distribution of the Practical Problems**
- 17:00 End of day 1 - Teamwork

### DAY 2: SATURDAY, MARCH 6, 2010

- 9:00 **Team Presentations**
- 10:00 **Opportunities in Use of Membrane Technology in Crude Oil Processing Including Palm and Other Tropical Oils**, Dr. Sefa Koseoglu, Filtration & Membrane World, U.S.A.
- 10:30 Coffee/Tea Break
- 11:00 **Oil Quality & Oil Management Systems in Food and Frying Applications**, Dr. Ignace Debruyne, ID&A, Belgium
- 11:30 **Minor Functional Components in Oils: Separation Methods, Characterisation and Commercial Potential**, Dr. Roland Verhé, Ghent University, Belgium
- 12:00 **Nutritional & Health Effect of Acids and Tocotrienols & Caretonoids**, Dr. Kalanithi Nesaretnam, MPOB, Malaysia
- 12:30 Lunch
- 14:00 **Palm Tocotrienols, Caretenoids and Vitamin A Fortification of Oils, Fats, Shortening and Margarine**, Mr. Tanachart Ralsiripong, BASF East Asia, Hong Kong, China
- 14:30 **Basics of Product Formulation**, Dr. Albert J. Dijkstra, France
- 15:00 **Carotene Rich Oils Production and Marketing**, Mr. U. R. Unnithan, Carotino, Malaysia
- 15:30 Coffee/Tea - Certificates - End of program

## REGISTRATION

### 4th Practical Short Course:

### Advanced Oil Processing - Palm, Palm Kernel and Coconut Oil Processing and Food Applications

March 5–6, 2010 – Shangri-La Hotel, Kuala Lumpur, Malaysia

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### REGISTRATION INFORMATION

Registration Fees	On or Before February 12, 2010	After February 12, 2010	Amount
Oil Processing	595 EUR	695 EUR	

(\*)Registration rate includes short course manuals, lunch and coffee breaks; participants also get free pass for **POC 2010 Trade Shows**

### PAYMENT INFORMATION

**By Bank Transfers:** Ignace Debruyne & Associates – OILPROCESS, KBC Bank, Izegem, Belgium, IBAN account number BE16 7380 1455 5274, (BIC code: KRED BEBB)

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