



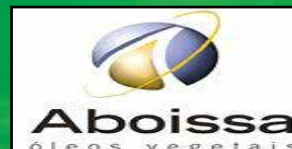
14th Practical Short Course Advanced Oil Processing - Palm, Palm Kernel and Coconut Oil Processing and Food Applications

Bogotá, Colombia - January 29 & 30, 2015



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Media Sponsor



SPEAKERS

Mr. Hector Arias, Regional Sales Manager, Oil-Dri, Colombia
Mr. Andrea Bernardini, Technical Director, C.M. Bernardini, Italy
Mrs. Pierina Bustos, Sales Engineer, Alfa Laval Inc., Colombia
Dr. Ignace Debruyne, Technical Marketing Consultant, ID&A, Belgium
Dr. Etienne Deffense, Principal, Contifrac, Belgium
Mr. León Pablo Espinosa, South and Central America Sales Manager, Desmet Ballestra NA, U.S.A.
Mr. Serge Ghion, Sales Manager, Desmet Ballestra, Peru
Mr. Marc Hendrix, Fractionation Product Manager, DeSmet Ballestra, Belgium

Prof. Paulo César Narváez Rincón, Director of Chemical and Environmental Engineering, National University of Colombia, Colombia
Mr. Michael Paul, Global Product Technology Manager, BASF SE, Germany
Mr. Bart Scholten, Business Development Manager, Parker Twin Filter, Netherlands
Mr. Frank Schoning, Product Manager Renewable Resources, GEA Westfalia Separator Group GmbH, Germany
Mr. Paulo Telles de Moraes, Application Engineer, CPM Crown Iron Works, U.S.A.
Mr. Anibal Urizar, Soporte Técnico, LATAM, Clariant Productos Químicos, México
Mr. Frederico Viana, Regional Manager, Latin America, Alfa Laval Brazil

Tentative Program

Day 1: Thursday January 29, 2015

8:55 Opening remarks
 9:00 **Current Market Trends: Palm & Lauric Oils & Co-Products**, TBA, Colombia
 9:30 **Chemistry of Palm, Palm Kernel and Coconut Oil**, Prof. Paulo César Narváez Rincón, Universidad Nacional de Colombia, Colombia, University in Colombia

PALM OIL PRODUCTION

10:00 **Optimizing Sterilization, Stripping and Digestion of Palm Fruits**, TBA
 10:30 Coffee/Tea Break
 11:00 **Clarification Technology: Reduce your Costs by Process Optimization**, Mr. Frank Schoning, GEA Westfalia Separator Group GmbH, Germany

ENERGY MANAGEMENT AND BY-PRODUCT VALORIZATION

11:30 **Saving and Additional Oil Recovery Opportunities in Palm Milling and Processing**, Mr. Paulo Telles de Moraes, CPM Crown Iron Works, Mexico
 12:00 **Sustainable Palm Oil Recovery – Avoiding effluent with GEA Westfalia Separator ecod**, Mr. Frank Schoning, GEA Westfalia Separator Group GmbH, Germany
 12:30 Lunch Break and Networking
 14:00 **D3PRO - A Green Clarification System: Best Oil Yield and Lowest Effluent Production**, Mrs. Pierina Bustos, Alfa Laval, Colombia
 14:30 **How to Add Value to Palm and Palm Kernel Oil Refinery By-Products**, Mr. Andrea Bernardini, C.M. Bernardini, Italy

PALM OIL PROCESSING

15:00 **Critical Parameters in Palm Oil Refining**, Mr. Favian Guevara, Alfa Laval, Brazil
 15:30 Coffee/Tea Break
 16:00 **Nano Cavitation in Refining of Vegetable Oils**, Mr. Leon Pablo Espinosa, Desmet Ballestra, U.S.A.
 16:30 **Practical Considerations for Efficient Selection of a Bleaching Adsorbent**, Mr. Hector Arias, Oil-Dri, Colombia
 17:00 **Filtration of Palm Oils and Fats**, Mr. Bart Scholten, Parker Twin Filter, the Netherlands
 17:30 End of Day 1

DAY 2: Friday, January 30, 2015

- 9:00 **Optimal Use of Bleaching Clay in Palm Oil Processing**, Mr. Anibal Urizar, Clariant Productos Quimicos, Mexico
9:30 **Deodorizer Design in Palm Refineries**, Mr. Paulo Telles de Moraes, CPM Crown Iron Works, U.S.A.
10:00 **Main Considerations to Specify the Type of Deodorizer for your Plant**, Mr. Serge Ghion, Desmet Ballestra, Peru
10:30 Coffee/Tea Break

DOWNSTREAM PROCESSING

- 11:00 **Application of Seeding Technology for Palm Olein Fractions**, Dr. Etienne Deffense, Contifrac, Belgium
Desmet Ballestra, USA
11:30 **Hydrogenation of Fats and Oils for Food and Oleochemical Applications**, Dr. Michael Paul, BASF, Germany
12:00 **Continuous Fractionation, iConfrac and Fractionation to Obtain Palm Oil Mid Fraction**, Mr. Marc Hendrix,
DeSmet Ballestra, Belgium
12:40 Lunch Break
14:00 **Controlling Oxidation Stability, Minimizing TFAs, and Reducing MCPD Esters in Refined Palm Oil**,
Dr. Ignace Debruyne, ID&A, Belgium

VALUE ADDED PRODUCTS

- 14:40 **Production of Soft Palm Stearin for Margarine and Shortening - Super Decanter vs. Membrane Press Filter**,
Dr. Etienne Deffense, Contifrac, Belgium
15:20 **Adding Value to Fats & Oils through Micronutrients Fortification**, TBN, DSM Nutritional Products, Guatemala
15:50 End of program

Advanced Oil Processing – Palm, Palm Kernel and Other Tropical Oils Processing and Food Applications Bogotá, Colombia - January 29 & 30, 2015

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REGISTRATION INFORMATION (Registration rate includes short course manuals, lunch and coffee breaks)

Registration Fees	
STANDARD Registration	\$945
ACADEMIC Registration	\$495
AOCS Press "Palm Oil: Production, Processing, Characterization, and Uses"	\$170
Total Payment	

PAYMENT INFORMATION

Student rates on demand. Group registration rates: 10 % off for three or more; 20% off for five or more

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Use the online registration: <http://www.bioactivesworld.com/regpalmoil.html>

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