



## OFI INDIA 2016 Technical Program: Oilseed and Oil Processing Technology and Utilization

Hyderabad ICC, Hyderabad, India - 13-14 April 2016

*In cooperation with Oils & Fats International*

This Technical Programme will offer a review and state-of-the-art information on Critical Issues in Crushing, Refining, Processing, Product Formulation and Packaging. Experts from industry will cover fundamentals of oilseed and oil processing technologies, process design and optimization, with special attention for the latest developments in interesterification, fractionation, spreads and shortening formulation.

This is not only a crash course for new plant personnel, but a real opportunity for those who are experienced to meet experts in the field to discuss their current problems to enhance their plant operations.

The course material will also serve as a useful reference for processors, product formulators, chemists and technicians as well as business managers familiar with oils & fats processing, and the production of finished products.



### SPONSORS

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### SPEAKERS

**Dr. Mario Bernardini**, Chairman, Technology, Italy

**Mr. Thomas Blocher**, Business Manager Reaction Technology, Buss ChemTech, Switzerland

**Mr. Harald Boeck**, Technical Sales Manager, Harburger Freudenberger Maschinenbau, Germany

**Mr. Andri Camus**, Head of Application Development SEAP and Quality Assurance, Clariant Adsorbents, Indonesia

**Dr. Ignace Debruyne**, Technical & Market Consultant, ID&A, Belgium

**Mr. Dirk Heinrich**, Technology Director Oil Milling Feed & Biomass, Buhler Group, Switzerland

**Mr. Marc Hendrix**, Product Manager Fractionation, Desmet Ballestra Group, Belgium

**Mr. Narasimhan S Lakshmi**, Technical Manager, Novozymes, India

**Mr. Birger Horns**, Product Manager, GEA Mechanical Equipment, Germany

**Mr. Ling Hua**, Technology Manager, Food & Life Science, Alfa Laval, Denmark

**Mr. Atul Joshi**, Senior Manager (Process Design), Desmet Ballestra India, India

**Mr. Satish Khadke**, Managing Director, Sharpless Filters, India

**Mr. William Morphew**, Project Manager, CPM Crown Iron Works, U.S.A.

**Mr. Marco Muraca**, Commercial Department, C.M. Bernardini International, Italy

**Mr. Pravin Nehete**, Sr. Vice President (Technical), Kumar Metal Industries / CPM Crown Iron Works, India

**Mr. Ben Ortlepp**, Area Manager Asia/ Pacific, Nickelhuette Aue, Germany

**Mrs. Farah Sköld Salaria**, Director & VP- Oilseeds and Grains Global, Solex Thermal Science Inc., Canada

**Dr. Rakesh K Trivedi**, HBTI - Harcourt Butler Technological Institute, India

## TECHNICAL PROGRAM

### Day 1: Wednesday, April 13, 2016

8:50 **Opening remarks**

#### Session 1: Oilseed Processing

- 9.00 **Oils & Fats Chemistry**, Dr. Rakesh Trevedi - Harcourt Butler Technological Institute, India  
 9:30 **Oil Seed Dehulling**, Mr. Dirk Heinrich, Buhler Group, Switzerland  
 10.00 **Making a Better Flake: The Art of Proper Conditioning**, Mr. William Morphew, CPM Crown Europe, U.K.  
 10.30 Coffee/Tea Break / visit to OFI INDIA Trade show  
 11.00 **Energy Recovery Optimization in Preparation Plants**, Mrs. Farah Sköld, Solex Thermal Science Inc., Canada  
 11:30 **Solvent Extraction: Belt vs. Rotary Type**, Dr. Mario Bernardini, Technology, Italy  
 12.00 **Crude Oil and Miscella Clarification for Production of High Quality Lecithin**, Mr. Birger Horns, GEA Mechanical Equipment, Germany  
 12.30 Lunch Break / visit to OFI INDIA Trade show  
 13.30 **Full-Pressing of Canola and Sunflower Seed with the Two-step Pressing Process**, Mr. Harald Boeck, HF Press+LipidTech, HF Group, Germany  
 14:00 **Protein Concentrate Plant Design for Food and Aquafeed Applications**, Mr. William Morphew, CPM Crown Iron Works, U.S.A.

#### Session 2: Oil Processing and Refining

- 14.30 **Review of Degumming and Refining Technologies**, Mr. Ling Hua, Food & Life Science, Alfa Laval, Denmark  
 15.00 Coffee/Tea Break / visit to OFI INDIA Trade show  
 15.30 **Latest Developments in Filtration of Edible Oils & Fats**, Mr. Satish Khadke, Sharpex Filters, India  
 16:00 **Technology Improvements to Optimize Energy Saving in the Oil Refining Process**, Mr. Marco Muraca, C.M. Bernardini International, Italy  
 16.30 End of Day 1 – Visit OFI INDIA Trade show

### Day 2: Thursday, April 14, 2016

- 9.00 **Process Automation and Remote Condition Monitoring for Centrifuges and Plants**, Mr. Birger Horns, GEA Mechanical Equipment, Germany  
 9.30 **Bleaching Basics and Practical Optimization**, Mr. Andri Camus, Clariant Adsorbents, Indonesia  
 10.00 **Optimizing Deodorisation for Quality and Energy**, Mr. Atul Joshi, Desmet Ballestra Group, India  
 10.30 Coffee/Tea Break / visit to OFI INDIA Trade show  
 11.00 **Fundamentals of Oils and Fats Processing—Deodorizer Design and Optimization**, Mr. Pravin Nehete, Kumar Metal Industries / CPM Crown Iron Works, India

#### Session 3: Quality Control and Component Valorization

- 11.30 **Micronutrient Recovery and Concentration from Deodorizer Distillates**, Mr. Ling Hua, Food & Life Science, Alfa Laval, Denmark  
 12.00 **Mechanism of Oxidation and Oil Quality Management in Frying and Cooking Oils**, Dr. Ignace Debruyne, ID&A, Belgium  
 12.30 Lunch Break / visit to OFI INDIA Trade show  
 13:30 **Enzyme Solutions Improve Process Yield and Final Product Qualities**, Mr. Narasimhan S Lakshmi, Novozymes, India  
 14:00 **Fat Modification Processes: Dry Fractionation, Chemical and Enzymatic Interesterification and Hydrogenation**, Mr. Marc Hendrix, Desmet Ballestra Group, Belgium  
 14.30 **Oleochemical Derivatives - Opportunities for Downstream Integration**, Mr. Thomas Blocher, Buss ChemTech, Switzerland  
 15.00 Coffee/Tea Break / visit to OFI INDIA Trade show  
 15.30 **Hydrogenation as a Tool for Making Hardstocks and in Oleochemistry**, TBN, BASF, Germany  
 16.00 **Recycling Solutions for Spent Catalysts Generated from the Oils and Fats and Oleochemical industries**, Mr. Ben Ortlepp, Nickelhuetten Aue, Germany  
 16.30 End of program – Visit OFI INDIA Trade show

## REGISTRATION

### OFI INDIA 2016 Technical Program:

**Oilseed and Oil Processing Technology and Utilization Hyderabad ICC, Hyderabad, India - 13-14 April, 2016**

In cooperation with Oils & Fats International INDIA Trade Show

First Name for Badge			
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Last Name/Family Name			
Title			
Company			
Address			
City			
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Business Phone		Fax Number	
E-mail			
VAT			

**Full Registration includes access to all presentations, short course manuals, lunch and coffee breaks and free access to the OFI Oils & Fats International Trade show**

Registration Fees	India Subcontinent	Other
REGULAR Registration	495.00 USD	795.00 USD

Group registration rates: 10 % off for three or more; 20% off for five or more 50.00 USD discount for members of supporting organizations (OTAI Oil Technologists' Association of India; CSIR-IICT CSIR-Indian Institute of Chemical Technology; SEA Solvent Extractor's Association; FOSFA International)

### PAYMENT INFORMATION

**International Bank Transfers:** Please ask for details by emailing - sefa.koseoglu@gmail.com  
**By Bank Draft:** Checks should be payable to "Short Courses" and mailed to: Filtration & Membrane World, 309-C Manuel Drive, College Station, TX 77840  
**Download the registration form to email or fax back:** <http://www.smartshortcourses.com/docs/oilprocessOFIform.doc>  
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