



## 17<sup>th</sup> Practical Short Course: Advanced Technologies in Oilseed Processing, Edible Oil Refining and Oil Modification - Focus On Sunflower Seed

Hilton Hotel, Izmir, Turkey. Wednesday and Thursday, April 12 - 13, 2017

In collaboration with YABITED Annual Meeting, April 13-15, 2017

This two-day short course will bring together industry experts from all around the world to Turkey to offer practical information to plant engineers, chemists, technicians, managers, and superintendents.

This is a unique opportunity for new plant personnel and for those who are experienced to meet experts in the field to discuss current problems and learn how to enhance their 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



Venue

Hilton Izmir

İsmet Kaptan Mahallesi, İsmet Kaptan, Gazi Osman Paşa Blv. No:7, 35210 Konak/İzmir, Turkey

Tel: +90 232 497 60 60

### Contacts

# ID&A

#### Dr. Ignace Debruyne

ID&A Ignace Debruyne & Associates

Tel: +32-(0) 51 31 12 74

Fax: +32 (-) 476 48 07 98

E-Mail: [ignace.debruyne@gmail.com](mailto:ignace.debruyne@gmail.com)

Web: <http://www.smartshortcourses.com>



**Filtration &  
Membrane  
World LLC**

#### Dr. S. Sefa Koseoglu

Filtration and Membrane World LLC

Tel: 1-979-216-1210

Fax: 1-979-694-7031

E-Mail: [sefa.koseoglu@gmail.com](mailto:sefa.koseoglu@gmail.com)

Web: <http://www.membraneworld.com>

### SPEAKERS

**Mr. Jonathon Bellenie**, *Export Sales Manager, CPM Europe Crown, U.K.*

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

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

**Ir. Jan De Kock**, *Key Account Manager, Desmet Ballestra Group, Belgium*

**Mr. David de Schaezen**, *Group Technology Support - Crushing, Desmet Ballestra Group, Belgium*

**Mr. Eugene Dolgirev**, *CIS Regional Business Manager - Oil Technology, Alfa Laval, Denmark*

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

**Mr. Birger Horns**, *Application Sales Manager - Renewable Resources, GEA Mechanical Equipment, Germany*

**Mr. Kevin Jobling**, *Export Sales Manager, CPM Europe Crown, U.K.*

**Mr. Serkan Kiyak**, *Senior Project & Process Engineer, HUM Oil & Fat Technology, Turkey*

**Mr. Carlos Rodriguez**, *Technical Representative WEMEA Purification, Clariant Chemicals, Spain*

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

**Mr. Jaap 't Hart**, *Business development, Filtration Group, the Netherlands*

**Dr. Roland Verhé**, *Professor Em. Ghent University - Bio Base Europe Pilot Plant, Belgium*

**Mr. Arthur vom Hofe**, *Sales Manager Oilseeds Division, CPM Roskamp Champion, the Netherlands*

**Day 1: Wednesday, April 12, 2017**

8:50 Opening remarks  
 9:00 **Chemistry of Oils and Fat**, Dr. Roland Verhé, Ghent University  
 - Bio Base Europe Pilot Plant, Belgium

**Session 1: Advanced Oilseed Processing**

9:30 **Energy Recovery Optimization in Preparation Plants**, Mrs. Farah Sköld, Solex Thermal Science Inc., Canada  
 10:00 **Deep Bed Extraction**, Mr. David de Schaezen, Desmet Ballestra  
 10:30 Coffee/Tea Break  
 11:00 **Solvent Extraction Principles from a Shallow Bed Perspective**, Mr. Kevin Jobling, CPM Europa Crown, U.K.  
 11:30 **Desolventizing: Balancing Meal Quality with Solvent Recovery**, Mr. David de Schaezen, Desmet Ballestra  
 12:00 **White Flake Desolventising**, Mr. Jon Bellenie, CPM Europa Crown, U.K.  
 12:30 Lunch Break

**Session 2: Sunflower Seed Processing**

13:30 **Comparison of Hulling Systems - Preparation of Sunflower and Double Zero Rapeseed**, Mr. Dirk Heinrich, Buhler Group, Switzerland  
 14:00 **Sunflower Dehulling: A New Direction for High Capacities**, Mr. Kevin Jobling, CPM Europa Crown, U.K.  
 14:30 **Cooking and Conditioning Effect on Meal/Oil Quality and Yield**, Mr. Serkan Kiyak, HUM Oil & Fat Technology, Turkey  
 15:00 Coffee/Tea Break  
 15:30 **Operation and Maintenance of Flaking Rolls**, Mr. Arthur vom Hofe, CPM Roskamp Champion, Netherlands  
 16:00 **Press Oil Clarification**, Mr. Birger Horns, GEA Westfalia Separator

**Session 3: Advanced Edible Oil Refining**

16:30 **Advanced Degumming and Refining Technologies**, Mr. Eugene Dolgirev, Alfa Laval, Denmark  
 17:00 **Bleaching Optimization, Mr. Carlos Rodriguez**, Mr. Carlos Rodriguez, Clariant Chemicals, Spain  
 17:30 **Filtration in Oils & Fats Refining**, Mr. Jaap 't Hart, Filtration Group, the Netherlands  
 17:30 End of Day 1

**Day 2: Thursday, April 13, 2017**

9:00 **Enzyme Solutions Improve Process Yield and Final Product Qualities**, TBA, Novozymes, Denmark  
 9:30 **Fundamentals of Oils and Fats Processing - Deodorizer Design and Optimization**, Dr. Roland Verhé, Ghent University - Bio Base Europe Pilot Plant, Belgium  
 10:00 **Methods to Reduce 3MCPD and GE Content**, Ir. Jan De Kock,, Desmet Ballestra Group, Belgium  
 10:30 Coffee/Tea Break  
 11:00 **Optimizing Deodorization for Quality and Energy**, Ir. Jan De Kock,, Desmet Ballestra Group, Belgium  
 11:30 **Cold Refining Winterizing Using Centrifuges vs. Classical Filtration System In Sunflower Oil**, Dr. Mario Bernardini, CMB Italy - Technoilogy, Italy

**Session 4: Product Quality and Applications**

12:00 **Mechanism of Oxidation and Oil Quality Management in Frying and Cooking Oils**, Dr. Ignace Debruyne, ID&A, Belgium.  
 12:30 **Protein Concentrate Plant Design for Food and Aquafeed Applications**, Mr. Jon Bellenie, CPM Europa Crown, U.K..  
 13:00 End of program - Join the YABITED Conference

**REGISTRATION**

**Advanced Technologies in Oilseed Processing, Edible Oil Refining and Oil Modification - Focus On Sunflower Seed, Hilton Hotel, Izmir, Turkey, Wednesday and Thursday, April 12 - 13, 2017**

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

**REGISTRATION INFORMATION**

Full Registration includes access to all presentations, short course manuals, lunch and coffee breaks	
YABITED Members	\$ 495.00
OTHER - REGULAR Registration	\$ 795.00

**PAYMENT INFORMATION**

**International Bank Transfers:** Please ask for details by emailing [sefa.koseoglu@gmail.com](mailto: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  
**By Credit Card:** <http://www.bioactivesworld.com/izmirregistration.html>  
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