15th Practical Short Course:
Novel Technologies in Oilseed Processing, Edible Oil Refining and Oil Modification
www.smartshortcourses.com

MOC Veranstaltungscenter München
Munich, Germany - September 15 - 16, 2015

Mrs. Dagmar Behme, NIR & Process Technology, Bruker Optics, Germany
Mr. Jon Bellenie, Export Sales Manager, CPM Europa Crown, U.K.
Dr. Mario Bernardini, CEO, C.M. Bernardini, Italy
Mr. Harald Boeck, Technical Sales Manager, Harburger Freudenerberger, Germany
Dr. Nigel Crossley, Sales Manager International, Oxford Instruments - LOT-QuantumDesign, U.K.
Ir. Jan De Kock, Area Sales Manager, DeSmet Ballestra, Belgium
Mrs. Barbara Harten, Oils & Fats Processing, Commercial and Technical Coordination, GEA Westfalia
Separator Process, Germany
Mr. Dirk Heinrich, Technology Director Oil Milling Feed & Biomass, Buhler Group, Switzerland
Mr. Hans Christian Holm, Global Manager, Novozymes, Denmark
Mr. Etienne Le Clef, Area Manager, DeSmet Ballestra, Belgium
Dr. Stefan Neufeld, Senior Technical Application Manager Filtration, J. Rettenmaier & Söhne, Germany
Dr. Frank Pudel, Managing Director, Pilot Pflanzenöltechnologie Magdeburg, Germany
Mr. Carlos Rodriguez Gaya, Technical Representative WEMEA Purification, Clariant Ibérica, Spain
Mr. Alexander Scholl, Process Automation Automation and Engineering, Siemens AG Process Industries and Drives, Germany
Mr. Bart Scholten, Manager Business Development Industrial Process, Twin Filter B.V., A Parker Hannifin Company, The Netherlands
Mr. Christian Schulz, Marketing, Körting Hannover, Germany
Mrs. Farah Sköld, Director, Oilseed & Grains Worldwide, Solex Thermal Science, Canada
Mr. Wouter Smits, Global Marketing Manager Food & Fruit, BU Enzymes Solutions, DSM Food Specialties, the Netherlands
Mr. Greg Waranica, Sales Manager, Oils & Fats, CPM Crown Iron Works Inc., U.S.A.

SHORT COURSE ORGANIZERS

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Day 1: Tuesday, September 15, 2015

8:50 Opening remarks

Session 1: Oilseed Processing

9:00 Latest Technological Developments in Oilseeds Preparation, Mr. Etienne Le Clef, DeSmet Ballestra, Belgium
9:30 Oil Seed Dehulling, Mr. Dirk Heinrich, Buhler Group, Switzerland
10:00 Screw Press Technology for Oil Extraction, Mr. Harald Boeck, Harburger Freudenberger, Germany
10:30 Coffee/Tea Break / Visit of oils + fats Trade Show
11:00 The Effect of Conditioning on Oilseed Processing, Mr. Jon Bellenie, CPM Europa Crown, U.K.
11:30 Energy Recovery Optimization in Preparation Plants, Mrs. Farah Sköld, Solex Thermal Science, Canada
12:00 Oilseed Protein Extraction and Application, Dr. Frank Pudel, Pilot Pflanzenöltechnologie Magdeburg, Germany
12:30 Lunch Break / visit to oils + fats Trade show

Session 2: Oil Processing and Refining

13:30 How to Select Centrifuges for Specific Applications, Mrs. Barbara Harten, GEA Westfalia Separator Process, Germany
14:00 Bleaching Basics, Optimization and Cost Reduction, Mr. Carlos Rodriguez, Clariant Ibérica, Spain
14:30 Main Considerations to Specify the Type of Deodorizer for your Plant, Ir. Jan De Kock, Desmet Ballestra, Belgium
15:00 Continuous Oil Yield Improvement - Latest Degumming Developments, Mr. Wouter Smits, DSM Food Specialties, the Netherlands
15:30 End of Day 1 – Visit oils + fats Trade show

Day 2: Wednesday, September 16, 2015

9:00 Fundamentals of Vacuum System Design and Trouble Shooting, Mr. Christian Schulz, Körtig Hannover, Germany
9:30 FT - NIR Solutions for a Fast Quality Control along the Production Chain, Mrs. Dagmar Behmer, Bruker Optics, Germany.
10:00 Deodorizer Design & Optimization, Mr. Greg Waranica, CPM Crown Iron Works; U.S.A.
10:30 Coffee/Tea Break / Visit of oils + fats Trade Show
11:00 Modified Filter Configuration with Proper Precoat reducing Bleaching Earth Use with 50%, Dr. Stefan Neufeld, J. Rettenmaier & Söhne GmbH & Co. KG Germany
11:30 Filtration of Vegetable Oils and Bio-diesel; How to Reduce Filtration Costs, Mr. Bart Scholten, Twin Filter B.V., The Netherlands
12:00 Lunch Break / Visit of oils + fats Trade Show

Session 3: Quality Control and Component Valorization

13:30 EThe Broad Range of Enzyme Technology Use in Oils and Fats Processing, Mr. Hans Christian Holm, Novozymes, Denmark
14:00 Benefits of Industry 4.0 in the Edible Oils Industry, Mr. Alexander Scholl, Siemens AG Process Industries and Drives, Germany
14:30 Analysis of Edible Oils and Fats by TD-NMR and NMR Spectroscopy, Dr. Nigel Crossley, LOT-Quantum Design, U.K.
15:00 Use of Downstream Oils and Fats Products in Oleochemical Plant, Dr. Mario Bernardini, C.M. Bernardini, Italy
15:30 End of program / Visit of oils + fats Trade Show

REGISTRATION

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

REGISTRATION INFORMATION - Registration rate includes short course manuals, lunch and coffee breaks and includes free access to Oils + Fats Trade Show

<table>
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<tr>
<th>Registration Description</th>
<th>Registration Fees</th>
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<tbody>
<tr>
<td>Advanced Oilseed and Oil Processing</td>
<td>945.00 EUR</td>
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<tr>
<td>Academic Registration</td>
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Group registration rates: 10 % off for three or more; 20% off for five or more

CONTACT INFORMATION FOR REGISTRATIONS

By Bank Transfers
Ignace Debruyne & Associates – OIL PROCESS
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REGISTRATION AND CREDIT CARD PAYMENT

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