



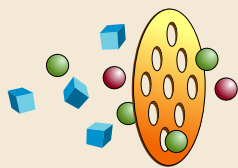
BIODIESEL PROGRAM: Market, Regulations, Chemistry, Fuel Quality, Laboratory Testing, Plant Design, and Unit Operations

During the Munich Oils+Fats Trade Shows

November 18 – 19, 2008

M.O.C. Event Center
Munich, Germany

COURSE ORGANIZER



**Filtration &
Membrane
World** LLC

Dr. Sefa Koseoglu
Filtration and Membrane World LLC
603 Southwest Parkway, Suite # 23
College Station, TX 77840
979-764-8360
979-694-7031 FAX
sefa@koseoglu.com
www.membraneworld.com

This program is offered during the
“Oils+Fats”, the International Trade Fair for the
Manufacture and Processing of Oils and Fats
Made from Renewable Raw Materials



SPEAKERS

Dr. Rajiv Banavali, Rohm & Haas Company, USA
Mr. Harald C. Boeck, Harburg-Freudenberger Maschinenbau GmbH, Germany.
Mr. Werner Boenigk, Boenigk Consult, Germany
Mr. Brian S. Cooke, Dallas Group, USA.
Mr. Jean-Alain Chodorge, Axens, France
Mr. Mark Fashion, Biodiesel Analytical Solutions, USA.
Ms. Barbara Harten, Westfalia Separator Food Tec GmbH, Germany.

Dr. Axel Ingendoh, Lanxess Deutschland GmbH, Germany
Dr. Michael H. Kopf, Perialisi Deutschland GmbH, Germany
Mr. Siegfried Meyer, Austrian Biofuels Institute, Austria
Mr. Eberhard Roquette, hydRoq GMBH, Germany
Mr. Francesco Soragna, DeSmet Ballestra, Italy
Mr. Herman Stockinger, BDI - BioDiesel International AG, Austria
Mr. Frank Veldkamp, Amafilter Group, The Netherlands
Mr. Greg Waranica, Crown Iron Works Company, USA
Ms. Nadya Zyaykina, DeSmet Ballestra, Belgium

NOVEMBER 18, 2008

8:30 **Registration**
MARKET, REGULATION AND ENVIRONMENT
 8:45 **Introductions and Distribution of Practical Case Study Problems**,
 Dr. Sefa Koseoglu, Filtration and Membrane World, USA

CHEMISTRY, FUEL QUALITY, AND LABORATORY TESTING
 9:00 **Key Trends in the Development of Biodiesel World-Wide**, Mr. Siegfried Meyer, Austrian Biofuels Institute, Austria
 9:30 **Biodiesel Quality Measurement Approaches**, Mr. Mark Fashion, Biodiesel Analytical Solutions, USA
 10:00 **Oxidation and Stability of Fatty Acids in Biodiesel and Vegetable Oils, Improvement with Hindered Phenolic Antioxidants**, Dr. Axel Ingendoh, Lanxess Deutschland GmbH, Germany
 10:30 **Coffee/Tea Break**
 11:00 **Understanding of Haze and Total Contamination in Biodiesel: A Feedstock or Technology Related Issue?** Ms. Nadya Zyaykina, DeSmet Ballestra, Belgium
 11:30 **How Economics of Oilseed Crushing Affect Biodiesel Processing Costs**, Mr. Harald C. Boeck, Harburg-Freudenberger Maschinenbau GmbH, Germany
 12:00 **Lunch**

CRITICAL ISSUES IN PLANT DESIGN AND SAFETY
 13:00 **Adsorbent Purification of Biodiesel**. B. Cooke, Dallas Group, USA.
 13:30 **Filtration Systems and Filters: Pre-treatment and Final Filtration of Biodiesel**, Mr. Frank Veldkamp, Amafilter Group, The Netherlands
 14:00 **Alternative Routes to Process Low Quality Raw Materials to Produce Biofuels**, Mr. Francesco Soragna, DeSmet Ballestra, Italy
 14:30 **Trouble Shooting and Improvement of Biodiesel Plants**, Ms. Barbara Harten, Westfalia Separator Food Tec GmbH, Germany
 15:00 **Attendees will have free time to visit "Oils+Fats", the International Trade Fair for the Manufacture and Processing of Oils and Fats Made from Renewable Raw Materials**

Team Discussions on Case Studies / Plant Troubleshooting.
 Ms. Barbara Harten, Westfalia Separator Food Tec GmbH, Germany
 Dr. Michael H. Kopf, PIERALISI Deutschland GmbH, Germany

Mr. Francesco Soragna, DeSmet Ballestra, Italy
 Mr. Herman Stockinger, BDI - BioDiesel International AG, Austria
 Mr. Greg Waranica, Crown Iron Works Company, USA

NOVEMBER 19, 2008

UNIT OPERATION AND PROCESS TECHNOLOGIES
 8:30 **Team Reports on Case Studies / Plant Troubleshooting**, Attendees and Speakers moderated by Dr. Sefa Koseoglu, Filtration and Membrane World, USA
 9:30 **Review of Pre-treatment Technologies Prior to Biodiesel Production**, Mr. Greg Waranica, Crown Iron Works Company, USA
 10:00 **Tailor Made Biodiesel Grade, What is Possible?** Mr. Herman Stockinger, BDI - BioDiesel International AG, Austria
 10:30 **Coffee/Tea Break**
 11:00 **Transesterification Process Review**, Mr. Eberhard Roquette, hydRoQ GMBH, Germany
 11:30 **Centrifugal vs Gravity Separator Applications: Pitfalls in Selection of Decanters and Separators for Biodiesel Separations**, Dr. Michael H. Kopf, Pieralisi Deutschland GmbH, Germany
 12:00 **Lunch**
 13:00 **Biodiesel Post-treatment Approaches**, Mr. Werner Boenigk, Boenigk Consult. Germany
 13:30 **Use of Polymeric Resin Technology for Biodiesel Purification and Fatty Acid Esterification: Commercial Applications**, Dr. Rajiv Banavali, Rohm & Haas Company, USA
 14:00 **Commercial Two Step Homogeneous Catalyst Biodiesel Process Using Water Wash**, Mr. Greg Waranica, Crown Iron Works Company, USA
 14:30 **Glycerin Quality Options and Related Values**, Ms. Barbara Harten, Westfalia Separator Food Tec GmbH, Germany
 15:00 **Solid Catalyst Transesterification: The Esterip-H Second Generation Biodiesel Process**, Mr. Jean-Alain Chodorge, Axens, France
 15:30 **Attendees will have free time to visit "Oils+Fats", the International Trade Fair for the Manufacture and Processing of Oils and Fats Made from Renewable Raw Materials**

REGISTRATION

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

REGISTRATION INFORMATION

Registration rate includes short course manuals, lunch and coffee breaks

Registration Fees	On or Before October 25, 2008	After October 25, 2008	Amount
Regular	695 EUR	795 EUR	

REGISTRATION OPTIONS: ONLINE, USING BANK TRANSFER OR BY SENDING CHECK

Payment by Bank Transfers:

Please request bank transfer information via e-mail or mail.

Checks should be made to: "Short Courses"

and mailed to: Filtration and Membrane World LLC

603 Southwest Parkway Unit # 23, College Station, Texas 77840

Email: sefa@koseoglu.com

Web: www.membraneworld.com/biodieselmunich.htm