

8TH PRACTICAL SHORT COURSE: Aquafeed Platform Aquaculture Feed Extrusion, Nutrition, & Feed Formulation

“Het Pand”, University of Ghent, Ghent, Belgium
February 26 & 27, 2009
(Two Full Days Program)

OBJECTIVES:

This is a crash course for new plant personal and 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 aquaculture feed, extrusion, nutrition and feed management. This is the only extensive program in Europe that covers a wide range of topics with specific practical aspects!

TARGET GROUP

Decision makers such as technicians, equipment manufacturers, product formulators, plant engineers, processors, chemists, and sales and marketing specialists.

Sponsors and Table Top Exhibitors

Perten
INSTRUMENTS

NUTREX^{NV}
THE FINISHING TOUCH FOR NUTRITION

E.S.E.

The international magazine
for the aquaculture feed industry

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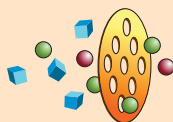
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ID&A

Dr. Ignace Debruyne
ID&A Ignace Debruyne & Associates
Telephone: +32 (0)51 31 12 74
Fax: +32 (0)51 31 56 75
Email: aquafeed@scarlet.be



**Filtration &
Membrane
World** LLC

Dr. Sefa Koseoglu
Filtration and Membrane World LLC
Telephone: +1 979 764 8360
Fax: +1 979 694 7031
Email: sefa.koseoglu@membraneworld.com
Web: www.membraneworld.com

SPEAKERS

Dr. Olga Averkieva, Technical Service
Manager, Kemin Europe, Belgium
Mr. Joseph Barbi, President, E.S.E. &
INTEC, U.S.A.
Dr. Alain Brisset, Extrusion Technology Sales
Director, Cleextral SA., France
Mr. Sam Ceulemans, R&D Coordinator,
INVE Technologies, Belgium
Mr. Eric De Muylder, Director, CreveTec,
Belgium
Mr. Will Henry, Technical Sales Engineer,
Extru-Tech, Inc./Wenger, U.S.A.
Mr. Freddy Holle, Sales Manager Benelux,

Rotex Europe, Netherlands
Mr. Konrad Munz, Project Manager,
BühlerAG, Switzerland
Dr. Süreyya Özkizilcik, Nutrition Consultant,
Nutra Yem Ltd., Turkey
Mr. Peter Raeven, Project Manager Sales,
Dinnissen BV, Netherlands
Mr. Koen Schwarzer, Technical Manager
Additives, INVE Nutri-Ad, Belgium
Mr. Andy Sharpe, Regional Director EMEA,
Aeroglide, U.K.
Dr. Egbert Stärk, R&D, Perten Instruments,
Germany

Ms. Carine van Vuure, Manager Corporate
Quality R&D/Nutrition, Sonac BV,
Netherlands
Dr. Koen Vanhoutte, Owner-Inventor, SBAE
Industries, Belgium
Dr. Tom Verleyen, Technical Service
Manager, Kemin Europe, Belgium
Mr. Arthur vom Hofe, Applications Manager,
Roskamp Champion, Netherlands
Mr. Jacques C. Wijnogst, Project
Consultant, Tema-International BV,
Netherlands

TECHNICAL PROGRAM

THURSDAY, FEBRUARY 26, 2009

MARKET TRENDS

8:30 Current and Future Market Trends in Aquaculture Feed, (Mr. Sam Ceulemans)

FEED INGREDIENTS

9:00 Ingredient Trends and the Effects on the Extrusion Process, (Mr. Konrad Munz)
 9:30 Utilization of High Quality, Sustainable and Reliable Animal By-products in Aquafeed, (Mrs. Carine van Vuure)
 10:00 Utilization of Algae in Aquafeed and Nutrition, (Dr. Koen Vanhoutte)
 10:30 Coffee/Tea Break
 11:00 Raw Material Bottlenecks in Formulation, (Mr. Sam Ceulemans)

PRACTICAL CONSIDERATIONS IN FEED FORMULATION

11:30 Feed Formulation and Nutrition, (Mr. Eric De Muylder)
 12:00 Artemia, Enrichments and Other Feed Additives for Hatcheries, (Dr. Süreyya Özkizilcik)
 12:30 Lunch
 13:30 Larval Nutrition and Starter Feeds, (Dr. Süreyya Özkizilcik)
 14:00 Shrimp Feed: Formulation and Stability, (Mr. Eric De Muylder)
 14:30 Rapid Analytical Methods for Ingredient Testing, (Dr. Egbert Stärk)

FEED MANUFACTURING TECHNOLOGY

15:00 Grinding for Aquatic Feed, (Mr. Arthur vom Hofe)
 15:30 Coffee/Tea Break
 16:00 Feed Preparation Technology, (Mr. Konrad Munz)
 16:30 Specific Grinding and Preparation for Making Extruded Products with Specific Particle or Pellet Size, (Mr. Jacques Wijnoogst)
 17:00 Feed Coating, Absorption Coating by Vacuum and Micro Encapsulation, (Mr. Peter Raeven)
 17:30 Feed Pelletization, (Mr. Arthur vom Hofe)
 18:00 End of Day 1

FRIDAY, FEBRUARY 27, 2009

8:30 Proper Dosification & Mixing of Macro-Minor Ingredients and Liquids for Aquafeed, (Mr. Joseph Barbi)

9:00 Proper Screening Allows Good Nutritional Quality Feed, Optimizes Production, and Reduces Losses, (Mr. Freddy Holle)

AQUATIC FEED EXTRUSION

9:30 Fundamentals of Introduction to Extrusion Technology, (Mr. Alain Brisset)
 10:00 Critical Issues in Extruder Process Control, (Mr. Will Henry)
 10:30 Coffee/Tea Break
 11:00 Aquatic Feed Extrusion: Applications of Twin Screw Extruders, (Mr. Alain Brisset)
 11:30 New Extrusion Technology with Online Control of Product Density and Specific Mechanical Energy Input, (Mr. Konrad Munz)
 12:00 High Fat Extrusion for Aquafeed, (Mr. Will Henry)
 12:15 Micro Aquatic Feeds, (Mr. Will Henry)
 12:30 Lunch
 13:15 Drying of Aquafeed, (Mr. Andy Sharpe)

PLANT DESIGN

13:45 Critical Parameters and Plant Design for Aquafeed, (Mr. Jacques Wijnoogst)
 14:15 Environmental Issues: Noise and Odor Control, (Mr. Jacques Wijnoogst)
 14:45 Post Processing and Handling of Quality Aquafeed, (Mr. Joseph Barbi)

QUALITY ASSURANCE

15:00 Aquafeed Quality: Lipid Oxidation and Palatability, (Dr. Tom Verleyen)
 16:00 Aquafeed Quality Control: Chemical and Microbiological Aspects, (Mr. Koen Schwarzer)
 16:30 Mycotoxins Management in Aquafeed, (Dr. Olga Averkieva)
 17:00 Verifying End Product Quality, (Dr. Egbert Stärk)
 17:15 End of Short Course

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			
Company VAT number			

REGISTRATION INFORMATION - Registration rate includes short course manuals, lunches and coffee breaks

	On or Before January 25 2009	After January 25 2009	Amount
Registration Fees	€ 695 (EUR)	€ 795 (EUR)	

PAYMENT INFORMATION:

International Bank Transfers: Make transfer to: IBAN account number BE76 7380 1169 5895 (BIC code: KRED BEBB) of Ignace Debruyne & Associates - AQUAFEED, KBC Bank, Izegem, Belgium. Please mention: "AquaFeed Short Course"

Cheques should be made payable to: "Aquafeed Short Course" and mailed to: Ignace Debruyne & Associates VOF - AQUAFEED, Haverhuisstraat 28, B-8870 Izegem (Belgium)

Tel: +32 51 31 12 74; Fax: +32 51 31 56 75; Email: aquafeed@scarlet.be

Credit Card Payment

Web: www.smartshortcourses.com

VAT: Non-Belgian registrations are exempt from VAT except if registered at private title. 21% VAT has to be charged for private registrations, and for all registrations of participants affiliated to Belgium-registered companies or institutions.

Cancellation Policy: See link: http://home.scarlet.be/ignace.debruyne/smartshortcourses/aquafeed/registration_aquafeed.html

