



Aquafeed Platform EUROPE 2018

19th Practical Short Course: Trends and Markets in Aquaculture Feed Ingredients, Nutrition, Formulation and Optimized Feed Production and Quality Management

Novotel Gent Centrum, Ghent, Belgium - 3 & 5 December 2018

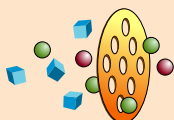
With additional shrimp farm and fish farm visits and training

SHORT COURSE ORGANIZERS

www.smartshortcourses.com



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SPEAKERS

Mr. Joseph Barbi, *President, E.S.E. & INTEC, U.S.A.*
Mr. Hans Boon, *Consultant, Aquaculture Experience, the Netherlands*
Mr. Alain Brisset, *Key Markets Global Manager, Clextral, France*
Dr. Ignace Debruyne, *Technical Marketing Consultant, ID&A, Belgium*
Mr. Eric De Muylder, *Shrimp & Aquaculture Consultant, CreveTec, Belgium*
Mr. Thomas Ellegaard Mohr, *Application & Sales Petfood & Aqua feed, Andritz Feed, Denmark*
Mr. Rui Alexandre Gonçalves, *Technical Manager - Aquaculture, Biomin, Austria*
Mr. Freddy Holle, *Regional Sales Manager, Rotex Europe, the Netherlands*
Dr. Waldo Nuez-Ortin, *Project Manager, NutriAd, Belgium*

Mr. Richard Ozer, *Protein Products Sales Manager, CPM Crown Iron Works, U.S.A.*
Dr. Süreyya Özkizilcik, *Aquaculture Nutrition Expert, Nutra Yem, Turkey*
Mr. Álvaro Rodríguez Sanchez-Arevalo, *Responsible Aquaculture Division Liptoaqua, Liptosa, Spain*
Mr. Nicola Tallarico, *Technical Service Manager Animal Nutrition and Health - EMEA, Kemin Europe, Belgium*
Mr. Alexander Van Halteren, *Business Development Manager Aquaculture AP & EMEA, NutriAd International, Belgium*
Mr. Louis van Deun, *Darling International Inc, Netherlands*
Mr. William van der Riet, *CEO, TomAlgae, Belgium*
Mr. Lynn Verstrepen, *Senior Bestmix Consultant, Adifo, Belgium*

TECHNICAL PROGRAM

DAY 1: Monday, December 3, 2018

8:50 Opening Remarks

MARKET TRENDS - FEED INGREDIENTS

9:00 **Current and Future Market Trends in Aquaculture Feed**,
Dr. Ignace Debruyne, ID&A, Belgium

PRACTICAL CONSIDERATIONS IN FEED FORMULATION

9:30 **Fish Nutrition, Anti-Nutrition and Interactions**, Dr. Süreyya Özkizilcik, Nutra Yem, Turkey
10:00 **Reducing Feed Cost in Aquaculture Through Digestive and Metabolic Enhancement**, Mr. Alexander Van Halteren, NutriAd, Belgium
10:30 Coffee/Tea Break
11:00 **New Protein Sources for Aquafeed**, Mr. Eric De Muylder, CreveTec, Belgium
11:30 **Micro-Feed Production Technologies**, Dr. Süreyya Özkizilcik, Nutra Yem, Turkey
12:00

DISEASE PREVENTION AND MANAGEMENT

12:00 **Development of Concepts for Disease Prevention in Trout Farming**, Mr. Rui Gonçalves, Biomin, Austria

12:30 Lunch Break and Networking

13:30 **Natural Solutions for Parasite Diseases**, TBC

14:00 **Functional Feed Additives to Promote Health in Aquaculture**,
Dr. Waldo Nuez-Ortin, NutriAd, Belgium

FEED MILL MANAGEMENT AND QUALITY ASSURANCE

14:30 **From Least Cost Formulation to Least Cost Production**,
Mr. Hans Boon, Aquaculture Experience, the Netherlands

15:00 Coffee/Tea Break

15:30 **Relevance of GMP+ Feed Safety & Sustainability Certification for Aquaculture**, TBC, the Netherlands

16:00 **Feed Mill Management and Setup for Competitive Market Access**, Mr. Hans Boon, Aquaculture Experience, the Netherlands

16:30 **Critical Issues in Shrimp Feed Production Technology**,
Mr. Eric De Muylder, Crevetec, Belgium

17:00 **Importance of Lipid Nutrition in Aquafeed: Lipid Oxidation and Stabilization Strategies**, Mr. Nicola Tallarico, Kemin Europe, Belgium

17:30 **Occurrence of Mycotoxins in Feed and Food: A Real Risk to Aquaculture?** Mr. Rui Gonçalves, Biomin, Germany

18:00 End of Day 1

DAY 2: Tuesday, December 4, 2018

INGREDIENTS AND FORMULATION

- 9:00 **Stabilize Feed Quality Using Lot Optimization**, Mr. Lynn Verstrepen, ADIFO, Belgium
- 9:30 **Microalgae in Aquaculture - Converting Hatchery Art into Technology**, Mr. William van der Riet, TomAlgae, Belgium
- 10:00 **Utilization Animal By-Products in Aqua Feed**, ir. Louis van Deun, Darling International, The Netherlands
- 10:30 Coffee/Tea Break
- 11:00 **Use of Soy Protein Concentrate in Aquafeed Formulas**, Mr. Richard Ozer, CPM Crown Iron Works, U.S.A.

PREPARING for EXTRUSION

- 11:30 **Grinding for Feed prior to Extrusion - Feed Pelletization**, Mr. Josef Barbi, E.S.E. Intec, U.S.A.
- 12:00 **Proper Screening Allows Good Nutritional Quality Feed, Optimizes Production, and Reduces Losses**, Mr. Freddy Holle, Rotex Europe, The Netherlands
- 12:30 Lunch Break and Networking

EXTRUSION TECHNOLOGY

- 13:30 **Fundamentals of Extrusion Technolog - How Fish Feed Challenges Generate Innovation in Extrusion Technology**, Mr. Alain Brisset, Clestral, France
- 14:30 **Conditioning and Extruding Floating and Sinking Feeds**, Mr. Thomas Ellegaard Mohr, Andritz Feed, Denmark
- 15:00 Coffee/Tea Break

POST EXTRUSION PROCESSES

- 15:30 **Extrudate Coating, Absorption Coating by Means of Vacuum and Microencapsulation**, Mr. Thomas Ellegaard Mohr, Andritz Feed, Denmark
- 16:00 **New Gentle Coating Technology for Fish Feed**, TBC, Amandus Kahl Germany
- 16:30 **Pre-Processing Preparation - Dosification - Mixing of Macro - Minor and Micro Ingredients and Liquids for Specialty Feeds**, Mr. Josef Barbi, E.S.E. Intec, U.S.A
- 16:50 **Post Processing - Handling And Storage of Quality Extruded and Pelleted Feeds**, Mr. Josef Barbi, E.S.E. Intec, U.S.A.
- 17:15 End of Short Course

OPTION 1 - DAY 3, December 5, 2018

(Paid Event; Max 25 Participants, bus and lunch included)

Visit to CREVETEC Eric's Gamba's Shrimp Farm with Dedicated Training

- 8:00 Travel to CREVETEC Shrimp Farm (Bus Trip Included) - Coffee & Croissants at Arrival
- 9:00 **Technical Presentations and Interactive Discussion**, Mr. Eric De Muylder and Co-workers
 - Introduction
 - Shrimp Farming Techniques
 - Shrimp Nutrition and Feed Management
 - Overview of Shrimp Feed Trials at the CreveTec Test Centers During the Last 10 Years
- 10:30 Coffee/Tea Break / Belgian Chocolates
- 11:00 **Technical Presentations and Interactive Discussion**, Mr. Eric De Muylder and Co-workers
 - Shrimp Hatchery Techniques
 - Shrimp Farming with Bioflocs
- 12:30 Lunch with Local Shrimp
- 13:30 **Technical Presentations and Interactive Discussion**, Mr. Eric De Muylder and Co-workers
 - **The CREVETEC Shrimp Farming System**
- 14:30 Visit the CREVETEC Shrimp Farm (Small Groups of 5 People)
- 16:00 Belgian Beer Tasting
- 17:00 Travel Back to Ghent

OPTION 2 - DAY 3, December 5, 2018

(Paid Event; Max 25 Participants, bus and lunch included)

Fish & Algae Farm Visits: AQUABIO Sturgeon - OMEGABAARS Bream / Tomato Aquaponics -TOMALGAE

- 9:00 Travel to **AQUABIO** farm (Dottignies) - Coffee at Arrival
- 9:30 **Technical Presentations of the AQUABIO Production System and Aquafeed Portfolio**, Dr. Willy Verdonck
- 10:00 Visit the **AQUABIO Sturgeon Farm**
- 11:00 Travel to **OMEGABAARS** farm (Kruishoutem)
- 11:30 **Technical Presentations of the OMEGABAARS Production System and Aquafeed Portfolio**, Mr. Stijn Van Hoestenbergh
- 12:00 **Visit the OMEGABAARS Farm**
- 12:30 **Visit the Tomato Masters Farm**
- 13:00 Lunch Including **OMEGABAARS** Products
- 14:00 **Travel to TomAlgae** (Nevele)
- 14:30 **Review of TomAlgae Technology and Visit to Facilities**, Mr. William van der Riet
- 15:30 Travel back to Ghent



REGISTRATION

First Name for Badge			
First Name			
Last Name/Family Name			
Job Title			
Company			
Address			
City/Sate/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 November 12, 2018	After November 12, 2018	Amount
Registration Fees	€ 795 (EUR)	€ 945 (EUR)	

PAYMENT INFORMATION: Payment by Bank Transfer
 Ignace Debruyne & Associates - SMART SHORT COURSES,
 KBC Bank, Izegem, Belgium
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