

# Aquafeed Platform EUROPE

## 21<sup>st</sup> Practical Short Course:

### Trends and Markets in Aquaculture Feed Ingredients, Nutrition, Formulation and Optimized Feed Production and Quality Management

Novotel Gent Centrum, Ghent, Belgium - 17 & 18 October 2022

With additional shrimp farm visit and training on 19 October 2022



[www.smartshortcourses.com](http://www.smartshortcourses.com)



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#### SPEAKERS

**Mr. Michel Bauer Pereira**, Global Application Manager – Aqua & Pet, Andritz Feed & Biofuel, Brazil  
**Mr. Hans Boon**, Consultant, Aquaculture Experience, The Netherlands  
**Dr. Enzhi Michael Cheng**, Global Business Development Manager - Pet Food & Aqua Feed, Buhler, U.S.A.  
**Dr. Ignace Debruyne**, Technical Marketing Consultant, ID&A, Belgium  
**Mr. Eric De Muylder**, Shrimp & Aquaculture Consultant, CreveTec, Belgium  
**Mr. Hadrien Delamazure**, Process Engineer, Clextral, France  
**Mr. Arne Heuer**, Amandus Kahl, Germany  
**Mr. Freddy Holle**, Regional Sales Manager, Rotex Europe, the Netherlands  
**Mr. Panos Kalatzis**, Regional Manager Aquaculture Europe, Adisseo, Greece  
**Mr. Andres Martin**, Executive Vice President and General Manager, International, Benson Hill, Spain / U.S.A.

**Mr. Koen Meynen**, Senior Scientist, Kemin Europe, Belgium  
**Dr. Süreyya Özkizilcik**, Aquaculture Nutrition Expert, Nutra Yem, Turkey  
**Mr. Peter Raeven**, Project Sales Manager, Dinnissen, The Netherlands  
**Mr. Filip Snauwaert**, Team Lead, Bestmix - ADIFO, Belgium  
**Mr. John Sweetman**, International Projects Manager - Aqua, Alltech Coppens, U.K.  
**Mr. Louis Van Deun**, Sales Manager - Sonac, Darling International, The Netherlands  
**Mr. Alexander Van Halteren**, Global Business Development Manager Aquaculture Nutrition, Adisseo, Belgium  
**Mr. Karel Vervae**, Production Manager, Bestmix - ADIFO, Belgium  
**Mr. Arthur vom Hofe**, Business Segment Manager - Feed & Oilseed, CPM Europe, The Netherlands

#### TECHNICAL PROGRAM

##### DAY 1: Monday, October 17, 2022

9:00 Opening remarks

##### MARKET TRENDS - FEED INGREDIENTS

9:10 **Current and Future Market Trends in Aquaculture Feed**, Dr. Ignace Debruyne, ID&A, Belgium.

##### PRACTICAL CONSIDERATIONS IN FEED FORMULATION

9:40 **Fish Nutrition, Anti-Nutrition and Interactions**, Dr. Süreyya Özkizilcik, Nutra Yem, Turkey  
10:10 **Reducing Feed Cost in Aquaculture Through Digestive and Metabolic Enhancement**, Mr. Alexander Van Halteren, Adisseo, Belgium  
10:40 Coffee/Tea Break  
11:10 **New Protein Sources for Aquafeed**, Mr. Eric De Muylder, CreveTec, Belgium  
11:40 **Micro-Feed Production Technologies**, Dr. Süreyya Özkizilcik, Nutra Yem, Turkey  
12:10 Lunch Break and Networking

##### DISEASE PREVENTION AND MANAGEMENT

13:30 **Use of Probiotics in Aquaculture**, Mr. Hans Boon, Aquaculture Experience, the Netherlands  
14:00 **Functional Feed Additives to Reduce the Impact from Disease and Parasites in Aquaculture**, Mr. Panos Kalatzis, Adisseo, Greece

##### FEED MILL MANAGEMENT and QUALITY ASSURANCE

14:30 **Bestmix as a Service: Collaboration in Aquafeed Formulation**, Mr. Karel Vervae, Bestmix Software, Belgium  
15:00 Coffee/Tea Break  
15:30 **Feed Mill Management and setup for Competitive Market Access**, Mr. Hans Boon, Aquaculture Experience, the Netherlands  
16:00 **Critical Issues in Shrimp Feed Production Technology**, Mr. Eric De Muylder, Crevetec, Belgium  
16:30 **Importance of Lipid Nutrition in Aquafeed: Lipid Oxidation and Stabilization Strategies**, Mr. Koen Meynen, Kemin Europe, Belgium  
17:00 End of Day 1

## DAY 2: Tuesday, October 18, 2022

### INGREDIENTS AND FORMULATION

- 9:00 **Stabilize Feed Quality Using Lot Optimization**, Mr. Filip Snauwaert, Bestmix Software, Belgium
- 9:30 **The Changing Landscape of Aquafeed Composition - Novel Protein and Oil Sources**, Mr. Hans Boon, Aquaculture Experience, the Netherlands
- 10:00 **Organic Trace Minerals Effects in Shrimp and Fish Health and Feed Interactions**, Mr. John Sweetman, Alltech Coppens, U.K.
- 10:30 Coffee/Tea Break
- 11:00 **Use of Land Animal Proteins (LAP) in Aquafeed**, Mr. Louis Van Deun, Darling International, The Netherlands
- 11:30 **High Performance, Affordable & Sustainable Soy Ingredients for Marine Diets**, Mr. Andres Martin, Benson Hill, U.S.A.

### PREPARING for EXTRUSION

- 12:00 **Grinding for Feed Prior to Extrusion – Feed Pelletization**, Mr. Arthur vom Hofe, CPM Europe, The Netherlands
- 12:30 **Proper Screening Allows Good Nutritional Quality Feed, Optimizes Production, and Reduces Losses**, Mr. Freddy Holle, Rotex Europe, The Netherlands - PDF Only
- 12:30 Lunch Break and Networking

### EXTRUSION TECHNOLOGY

- 13:30 **Making Floating and Sinking Feed using Twin Screw Technology**, Mr. Hadrien Delamazure, Clextal, France
- 14:00 **Conditioning and Extruding Floating and Sinking Feeds**, Mr. Michel Bauer Pereira, Andritz Feed & Biofuel, Brazil
- 14:30 **High Fat Extrusion for Food and Feed Applications**, Dr. Michael Cheng, Buhler, U.S.A.
- 15:00 Coffee/Tea Break

### POST EXTRUSION PROCESSES

- 15:30 **Drying of Aqua Feed Post Extrusion**, Mr. Michel Bauer Pereira, Andritz Feed & Biofuel, Brazil
- 16:00 **New Gentle Coating Technology for Fish Feed**, Mr. Arne Heuer, Amandus Kahl, Germany
- 16:30 **Extrudate Coating, Absorption Coating by Means of Vacuum and Microencapsulation**, Mr. Peter Raeven, Dinnissen Process Technology, the Netherlands
- 17:00 End of Short Course

## OPTION 1 - DAY 3: October 19, 2022 (separate registration needed)

(Max 25 participants; bus and lunch included)

### Training and Visit to CREVETEC Eric's Gamba's Shrimp Farm

- 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
- 10:30 Coffee/Tea Break / Belgian Chocolates
- 11:00 Technical Presentations and Interactive Discussion, Mr. Eric De Muylder and co-workers
  - Shrimp Nutrition and Feed Management
  - Overview of shrimp feed trials at the CreveTec test centers during the last 10 years
- 12:30 Lunch with local shrimp
- 13:30 Technical Presentations and Interactive Discussion, Mr. Eric De Muylder and co-workers
  - Shrimp Hatchery Techniques
  - Shrimp Farming with Bioflocs
  - The CREVETEC Shrimp Farming System
- 14:30 Visit the CREVETEC Shrimp Farm, maturation and hatchery
- 16:00 Belgian Beer tasting
- 17:00 Travel back to Ghent

**21<sup>st</sup> Program on Trends and Markets in Aquaculture Feed Ingredients, Nutrition, Formulation and Optimized Feed Production and Quality Management, Ghent, Belgium, Monday and Tuesday, October 17-18, 2022**

First Name			
Last Name/Family Name			
Job Title			
Company			
Address			
City	State/ Province	Post Code	
Country			
Business Phone			
E-mail			

**REGISTRATION FEES**

Registration Fees	After September 18, 2022
STANDARD Registration	€ 945.00 (EUR)
ZOOM Registration	€ 595.00 (EUR)
Total	
Registration fee optional CREVETEC program & visit:	€ 500.00 (EUR)
Total Payment	

(\*) Registration rate includes short course manuals, lunch and coffee breaks.

*Full Registration includes access to all presentations, lunch and coffee breaks; prices in EUR; bus trip will be organized and charged on the spot*

**Registration options:**

**Use the Online registration:** <http://www.smartshortcourses.com>

**Payment by Bank Transfers:**

Make transfer to: IBAN account number BE16 7380 1455 5274 (BIC code: KRED BEBB) of Ignace Debruyne & Associates - AQUAFEED, KBC Bank, Izegem, Belgium. Please mention: "Aquafeed Short Course"

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