



22nd Practical Short Course: Trends and Markets in Aquaculture Feed Ingredients, Nutrition, Formulation and Optimized Feed Production and Quality Management

Novotel Gent Centrum, Ghent, Belgium - 8 & 9 April 2024
- With (optional) shrimp farm visit and training on 10 April 2024

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SPEAKERS

Mr. Hans Boon, *Consultant, Aquaculture Experience, the Netherlands*
Dr. Ignace Debruyne, *Technical Marketing Consultant, ID&A, Belgium*
Mrs. Marleen Dehasque, *Global Product Manager Aqua Nutrition, Adisseo, Belgium*
Mr. Hadrien Delamazure, *Process Engineer, Clextal, France*
Mr. Eric De Muylder, *Shrimp & Aquaculture Consultant, CreveTec, Belgium*
Mr. Michiel Fransen, *Standards and Science Director, ASC Aquaculture Stewardship Council, the Netherlands*
Mr. Arne Heuer, *Regional Sales Manager, Amandus Kahl, Germany*
Mr. Freddy Holle, *Regional Sales Manager, Rotex Europe, the Netherlands*
Dr. Panos Kalatzis, *Regional Manager Aquaculture Europe, Adisseo, Greece*
Mr. Koen Meynen, *Senior Scientist, Kemin Europe, Belgium*
Dr. Süreyya Özkizilcik, *Aquaculture Nutrition Expert, Nutra Yem, Turkey*
Dr. Maygane Ronsmans, *Product Manager Animal Nutrition, BENE0-Animal Nutrition, Belgium*
Mrs. Orsolya Sørensen, *Product Manager for Extruders, Andritz Feed & Biofuel, Denmark*
Mr. Mark van der Veecken, *Product Manager for Dryers, Andritz Feed & Biofuel, the Netherlands*
Mr. Louis Van Deun, *Sales Manager - Sonac, Darling International, The Netherlands*
Mr. Arthur vom Hofe, *Sales Manager Oilseeds Division, CPM Roskamp Champion, the Netherlands*

TECHNICAL PROGRAM

DAY 1: Monday, April 8, 2024

8:50 *Opening Remarks*

MARKET TRENDS AND FEED INGREDIENTS

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

9:40 **ASC Responsible Feed Standard - A holistic approach to addressing the impacts of aquafeed**, *Mr. Michiel Fransen, ASC Aquaculture Stewardship Council, the Netherlands*

PRACTICAL CONSIDERATIONS IN FEED FORMULATION

10:10 **Fish Nutrition, Anti-Nutrition and Interactions**, *Dr. Süreyya Özkizilcik, Nutra Yem, Turkey*

10:40 *Coffee/Tea Break & Networking*

11:10 **New Protein Sources for Aquafeed**, *Mr. Eric De Muylder, CreveTec, Belgium*

11:40 **The importance of digestibility enhancers in current aquafeed formulations**, *Mrs Marleen Dehasque, Adisseo, Belgium*

12:10 *Lunch Break and Networking*

DISEASE PREVENTION AND MANAGEMENT

13:30 **New Alternatives to Face Aquaculture Diseases**, *TBC, Liptosa, Spain*

14:00 **Organic Trace Minerals Effects in Shrimp and Fish Health and Feed Interactions**, *TBC, Alltech Coppens, U.K.*

14:30 **Exploring Prebiotics to Support Fish and Shrimp Performance**, *Dr. Maygane Ronsmans, Beneo Animal Nutrition, Belgium*

15:00 *Coffee/Tea Break & Networking*

15:30 **Functional Feed Additives to Support Health and Boost Performance in Aquaculture**, *Dr. Panos Kalatzis, Adisseo, Greece*

FEED MILL MANAGEMENT and QUALITY ASSURANCE

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. Koen Meynen, Kemin Europe, Belgium*

17:30 *End of Day 1*

DAY 2: Tuesday, April 9, 2024

INGREDIENTS AND FORMULATION

9:00 **The Changing Landscape of Aquafeed Composition - Novel Protein and Oil Sources**, *Mr. Hans Boon, Aquaculture Experience, the Netherlands*

9:30 **Nutritional and dietary requirements in aquaculture Ingredient Trends and the Effects on the Extrusion Process**, *TBC, Bühler Nutrition, Switzerland*

10:00 **Stabilize Feed Quality Using Lot Optimization**, *Mr. Filip Snauwaert (TBC), Bestmix Software, Belgium*

10:30 *Coffee/Tea Break & Networking*

11:00 **Use of Land Animal Proteins (LAP) in Aquafeed**, *Mr. Louis Van Deun, Darling International, The Netherlands*

PREPARING for EXTRUSION

11:30 **Grinding for Feed Prior to Extrusion – Feed Pelletization**, *Mr. Arthur vom Hofe, CPM Roskamp Champion, the Netherlands*

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 **Conditioning and Extruding Floating and Sinking Feeds**, *Mrs. Orsolya Sørensen, Andritz Feed & Biofuel, Denmark*

14:00 **Effect of Extrusion Technology on Physical and Nutritional Quality of Extruded Fish Feed**, *TBC, K-Tron Coperion, U.S.A.*

14:30 **Micro-Feed Production Technologies**, *Dr. Süreyya Özkizilcik, Nutra Yem, Turkey*

15:00 *Coffee/Tea Break & Networking*

15:30 **Making Floating and Sinking Feed using Twin Screw Technology**, *Mr. Hadrien Delamazure, Clextral, France*

POST EXTRUSION PROCESSES

16:00 **Drying of Aqua Feed Post Extrusion**, *Mr. Mark van der Veeken, Andritz Feed & Biofuel, Denmark*

16:30 **New Gentle Coating Technology for Fish Feed**, *Mr. Arne Heuer, Amandus Kahl, Germany*

17:00 **Proper Preparation - Dosification - Mixing of Macro - Minor and Micro Ingredients and Liquids for Specialty Feeds**, *Mr. Josef Barbi, E.S.E. Intec, U.S.A.*

17:30 **Post Processing - Handling and Storage of Quality Extruded and Pelleted Feeds**, *Mr. Josef Barbi, E.S.E. Intec, U.S.A.*

18:00 *End of Short Course*

**OPTION - DAY 3: April 10, 2024 (separate registration; max 25 participants) - Training and Visit at CREVETEC
"Eric's Gamba's" Shrimp Farm**

- 8:00 **Travel to CREVETEC Shrimp Farm** - *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**



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			
Company VAT number			

REGISTRATION INFORMATION

Full Registration includes access to all presentations, short course manuals, lunch and coffee breaks

EARLY BIRD Registration (ON or BEFORE 17 March 2024) 795 EUR

STANDARD Registration rate (AFTER 17 March 2024) 945 EUR

ZOOM Registration (ON or BEFORE 17 March 2024) 495 EUR

ZOOM Registration (AFTER 17 March 2024) 595 EUR

Academic and Student rates on demand - Group registration rates: 10 % off for three or more; 20% off for five or more

Registration fee optional CREVETEC program & visit:

Full Registration includes access to all presentations, lunch and coffee breaks; prices in EUR; trip will be organized and charged separately

Early Bird Registration CREVETEC (ON or BEFORE 17 March 2024) 450 EUR

REGULAR Registration CREVETEC (AFTER 17 March 2024) 500 EUR

Payment by Bank Transfer

Ignace Debruyne & Associates – SMART SHORT COURSES

KBC Bank, Izegem, Belgium

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Cancellation policy:

Cancellations have to be sent by fax or e-mail to the organizers; please ask for confirmation.

- Cancellations received up till 30 days before the event, will be refunded at full price minus bank costs and extra 50 EUR handling cost

- Cancellations up till two weeks before the event, will be refunded at full cost minus bank costs and extra 100 EUR handling cost

- No refund is possible later than two weeks before the event

- Registrations are always fully transferable by sending a fax or e-mail indicating the name change

