

11th Practical Short Course
Trends and Markets in Aquaculture Feed Ingredients, Nutrition, Formulation and Optimized
Feed Production and Quality Management
Crown Plaza - Corobici - February 2 & 3, 2012 - San Jose, Costa Rica

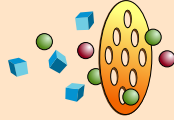
Conference Hotel:
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SPEAKERS

Mr. Joseph Barbi, President, E.S.E. & INTEC, U.S.A.
 Dr. Konrad Dabrowski, Professor Animal Sciences, Ohio State University, U.S.A.
 Dr. Ignace Debruyne, Technical Marketing Consultant, ID&A, Belgium
 Ir Peter De Letter, Bestmix Consultant, Adifo, Belgium
 Mr. Eric De Muylder, Director, CreveTec, Belgium
 Mr. Will Henry, Technical Sales Engineer, Extru-Tech, Inc./Wenger, U.S.A.
 Mr. Gilberto Hernández González, Manager Aquaculture, NutriAd Central/North America, Mexico

Mr. Brian Lamp, Sales Manager, SONAC, U.S.A.
 Mr. Donald A. Lindsey, Global Director, Agribusiness, The Solae Company, USA
 Mr. Paul McKeithan, Regional Director, Buhler - Aeroglide, U.S.A.
 Mr. Jim Nielsen, Application Engineer, Rotex Global, U.S.A.
 Mr. Andreas Rey, Area Manager Americas, Bühler Group, Switzerland
 Mr. Nicolas Valero, Sales Manager Latin America, Perten Instruments, U.S.A.
 Mr. Jacques C. Wijnogst, Project Consultant, Tema-International BV, Netherlands
 TBN, Kemin Europe, Belgium
 TBN, CPM Roskamp Champion, U.S.A.

TECHNICAL PROGRAM

DAY 1: Thursday, February 2, 2012

8:55 am Opening remarks

MARKET TRENDS - FEED INGREDIENTS

9:00 am **Current and Future Market Trends in Aquaculture Feed**, Dr. Ignace Debruyne, ID&A, Belgium
 9:30 am **Utilization of High Quality, Sustainable and Reliable Animal By-products in Aquafeed**, Mr. Brian Lamp, SONAC, U.S.A
 10:00 am **Nutritional Requirements of Fish**, Dr. Konrad Dabrowski, Ohio State University, U.S.A.
 10:30 am Coffee/Tea Break

PRACTICAL CONSIDERATIONS IN FEED FORMULATION

11:00 am **Reducing Feed Cost in Aquaculture by Optimizing Nutrient Utilization and Gut Health**, Mr. Gilberto Hernández González, Nutri-Ad, México
 11:30 am **Technological Challenges and Innovations in Health and Nutrition**, TBN
 12:00 n **Feed Formulation and Nutrition**, Mr. Eric De Muylder, CreveTec, Belgium
 12:30 pm Lunch Break and Networking
 2:00 pm **Shrimp Feed: Formulation and Stability**, Mr. Eric De Muylder, Crevetec, Belgium

FEED MANUFACTURING TECHNOLOGY

2:30 pm **Critical Parameters and Plant Design for Aquafeeds**, Mr. Jacques Wijnogst, Tema-International, Netherland
 3:00 pm **Least Cost Formulation for Aqua Diets**, Ir Peter De Letter, Adifo, Belgium
 3:30 pm Coffee/Tea Break
 4:00 pm **Dry Fish Feed and New Developments: Energy Savings, reduction of CO2, and Increase of Plant Efficiency**, Mr. Jacques Wijnogst, Tema-International, the Netherlands

QUALITY ASSURANCE

4:30 pm **Aquafeed Quality: Lipid Oxidation and Stabilisation Strategies** – TBN, Kemin AgriFoods North America, USA
 5:00 pm **Aqua Feed Quality Control: Chemical and Microbiological Aspects**, Mr. Gilberto Hernández González, Nutri-Ad, México

INGREDIENTS AND PROCESSING

5:30 pm **Ingredient Trends and the Effects on the Extrusion Process**, Mr. Andreas Rey, Buhler, Switzerland
 6:00 pm End of Day 1

DAY 2: February 3, 2012

- 9:00 am **Use of Soy Protein Concentrates in Extruded Products**, Mr. Donald A. Lindsey, Global Director, Agribusiness, The Solae Company, USA
- 9:30 am **Grinding for Feed Prior to Extrusion**, TBN, CPM Roskamp Champion, U.S.A..
- 10:00 am **Feed Pelletization**, TBN, CPM Roskamp Champion, U.S.A..
- 10:30 am Coffee/Tea Break
- 11:00 am **Proper Screening Allows Good Nutritional Quality Feed, Optimizes Production, and Reduces Losses**, Mr. Jim Nielsen, Rotex Global, U.S.A.

EXTRUSION TECHNOLOGY

- 11:30 am **Fundamentals of Extrusion Technology - Critical Issues in Extruder Process Control**, Mr. Will Henry, Extru-Tech, U.S.A
- 12:00 n **New Extrusion Technology with Online Control of Product Density and Specific Mechanical Energy Input**, Mr. Andreas Rey, Buhler Group, Switzerland
- 12:30 pm Lunch Break and Networking
- 2:00 pm **Applications of Twin Screw Extruders**, Mr. Will Henry, Extru-Tech, U.S.A
- 2:30 pm **High Fat Extrusion for Food and Feed Applications**, Mr. Will Henry, Extru- Tech, U.S.A
- 3:00 pm Coffee/Tea Break

ANALYTICAL TECHNIQUES IN EXTRUSION CONTROL AND PRODUCT QUALITY

- 3:30 pm **Verifying End Product Quality**, Mr. Nicolas Valero, Perten Instruments, U.S.A.

POST EXTRUSION PROCESSES

- 4:00 pm **Extrudate Coating, Absorption Coating by Means of Vacuum and Micro Encapsulation**, Mr. Will Henry, Extru-Tech, U.S.A
- 4:30 pm **Sustainable Drying for Aquafeed**, Mr. Paul McKeithan, Buhler Aeroglide, U.S.A.
- 5:00 pm **Post Processing and Handling of Quality Extruded & Pelleted Feeds**, Mr. Joseph Barbi, E.S.E. Intec, U.S.A.
- 5:15 pm **Post Processing - Handling And Storage of Quality Extruded and Pelleted Feeds**, Mr. Joseph Barbi, E.S.E. Intec, U.S.A.
- 5:30 pm End of Program

REGISTRATION

Trends and Markets in Aquaculture Feed Ingredients, Nutrition, Formulation and Optimized Feed Production and Quality Management
February 2 & 3, 2012 - San Jose, Costa Rica

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

REGISTRATION INFORMATION

Registration Fees*	Before January 9, 2011	After January 9, 2011	Amount
REGULAR REGISTRATION	\$795	\$895	
ACADEMIC Registration	\$495	\$595	
STUDENT REGISTRATION	\$295	\$345	

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

PAYMENT INFORMATION

Payment by Credit Card: Web: www.bioactivesworld.com/newportpalm.html

Payment by Bank Transfers:

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