



## Algae Technology Platform 2014

Algae for Value Added Applications - 15 Years down the road What have we Achieved?

What Technology Can Make It Work?

Hotel Tivoli Lisboa

Lisbon, Portugal – 12 & 13 June, 2014

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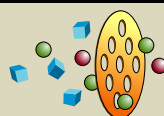
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SPEAKERS

**Dr. Oran Ayalon**, R&D Director, Algatechnologies, Israel

**Mr. Nigel Baldwin**, Director, Scientific and Regulatory Consulting, Europe, Intertek Scientific & Regulatory Consultancy, U.K.

**Mr. Pieter Boelens**, Sales Manager, Evodos, Netherlands

**Dr. Willem Brandenburg**, Agrosystems Research, Plant Research International Wageningen UR, the Netherlands

**Dr. Mark R. Edwards**, Professor, Strategic Marketing and Sustainability, W.P. Carey School of Business, Morrison School of Agribusiness and Resource Management, Arizona State University, U.S.A.

**Dr. Simon Faulkner**, R&D Manager, Ocean Harvest Technology, Ireland

**Dr. Rick Green**, Vice-President Technology, POS Bio-Sciences - POS Pilot Plant, Canada

**Dr. Bert Groenendaal**, R&D Project and AT~SEA Project Coordinator Sioen Industries, Belgium

**Mr. Joël Henneghien**, Business Development Manager, Ovizio Imaging Systems, Belgium

**Dr. ir. Dorinde Kleinegris**, Scientist Microalgae, Wageningen UR - Food & Biobased Research, Netherlands

**Dra. Amelia Martins Delgado**, Consultant and Entrepreneur, Portugal

**Ms. Sofia Hoffmann de Mendonça**, Business Development Manager, allma natural benefits, Portugal

**Mr. João Navalho**, Chief Technology Officer, A4F, Portugal

**Dr. David Nelson**, Laboratory of Algal, Systems, and Synthetic Biology, New York University, Abu Dhabi, U.A.E.

**Mr. Richard Ozer**, Sales Manager Specialty, CPM Crown Iron Works, U.S.A.

**Mr. Alexander Piek**, Product Manager, GEA Westfalia Separator Group, Germany

**Mr. Jörg Ullmann**, Plant Manager / Scientific Project Manager, Roquette Klötze, Germany

**Dr. Koenraad Vanhoutte**, Algae Technology Consultant and Entrepreneur, Navicula, Belgium

**Dr. Andreas Wuzik**, Director, NateCO2, Germany



# TECHNICAL PROGRAM

## Day 1: Thursday, June 12, 2014

8:45 Welcome - Opening remarks

### CHALLENGES and OPPORTUNITIES

- 9:00 **Does Algae Biodiversity Work for the Industry?**  
Dr. Koenraad Vanhoutte, Navicula, Belgium
- 9:30 **Successful Algae Industry Breakthroughs: What's Hot and What's Not?**, Dr. Mark Edwards, Arizona State University, U.S.A.
- 10:00 **Regulatory and Patent Issues Involved with Bringing Algae Based Products to the Market**, Mr. Nigel Baldwin, Intertek Scientific & Regulatory Consultancy, U.K.
- 10:30 Coffee/Tea Break and Networking

### SELECT THE RIGHT ALGAE FOR THE RIGHT PRODUCT

- 11:00 **Strategies for Bio-Prospecting Microalgae for Commercial Applications**, Dr. Ir. Dorinde Kleinegris, Wageningen UR - Food & Biobased Research, Netherlands
- 11:30 **Business Opportunities and Valorisation of the Seaweed Valorization Chain for Functional Ingredients**, Dr. Willem Brandenburg, Wageningen UR, Netherlands
- 12:00 **Selecting and Optimizing Lipid Accumulating Microalgae**, Dr. David Nelson, New York University, Abu Dhabi, U.A.E.
- 12:30 Lunch and Networking

### MACRO- and MICROALGAE GROWING TECHNOLOGY

- 14:00 **Use of Advanced Textiles in Open Sea Macroalgae Cultivation**, Dr. Bert Groenendaal, Sioen Industries, Belgium
- 14:30 **Industrial Production of Chlorella - Challenges of a Large PBR Production Unit**, Mr. João Navalho, A4F, Portugal
- 15:00 **New Label-free Quantitative (4D) Imaging Technology for Algal Bioreactor Monitoring**, Mr. Joël Henneghien, Ovizio Imaging Systems, Belgium
- 15:30 Coffee/Tea Break and Networking
- 16:00 **How to Deal with Biofouling and Contamination in Photobioreactors? Innovative CIP and Disinfection Methods**, Dr. Koen Vanhoutte, Navicula, Belgium

### DOWNSTREAM PROCESSING TECHNOLOGY

- 16:30 **Processing Strategies from Lab to Pilot Scale and Beyond**, Dr. Rick Green, POS Bio-Sciences - POS Pilot Plant, Canada

### 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		VAT**	

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

EARLY BIRD Registration (ON or BEFORE May 11, 2014)	795.00 EUR
REGULAR Registration (AFTER May 11, 2014)	945.00 EUR
ACADEMIC / INDEPENDENT Registration	495.00 EUR

Group registration rates: 10 % off for three or more; 20% off for five or more

ONLINE Registration: [www.smartshortcourses.com/algae5/registration.html](http://www.smartshortcourses.com/algae5/registration.html)  
Or Download the registration form, fill the form and send by fax (+ 32 51 31 56 75) or Email ([algaeprocess@smartshortcourses.com](mailto:algaeprocess@smartshortcourses.com))  
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- 17:00 **Harvesting Excellence through Effective Algae Dewatering**, Mr. Pieter Boelens, Evodos, Netherlands
- 17:30 Networking Cocktail and Reception
- 19:00 End of Day 2

## Day 2: Friday, June 13, 2014

- 9:00 **Beta Carotene from Dunaliella Through Integrated Extraction and Concentration**, Mr. Alexander Piek, GEA Westfalia Separator Group, Germany
- 9:30 **Large Scale Algae Lipid Extraction Technology**, Mr. Richard Ozer, CPM Crown Iron Works, U.S.A.
- 10:00 **Supercritical Extraction of Bioactive Components**, Dr. Andreas Wuzik, NateCO2, Germany
- 10:30 Coffee/Tea Break and Networking

### PRODUCTS: NEEDS, LEADS and SUCCESS STORIES

- 11:00 **Industrial and Investor's Perspectives of Biodiesel Production from Microalgae: Energy, Greenhouse and Nutrient Balances**, Dra. Amelia Martins Delgado, Consultant and Entrepreneur, Portugal
- 11:30 **Innovative & Renewable Microalgae Solutions Serving Nutrition & Health Markets**, Mr. Jörg Ullmann, Roquette Klötze, Germany
- 12:00 **Development and Commercialization of High Value Products from Microalgae**, Dr. Oran Ayalon, Algatechnologies, Israel
- 12:30 Lunch and Networking
- 13:30 **Algae Based Feed Formulas for Sustainable Aquaculture**, Dr. Simon Faulkner, Ocean Harvest Technology, Ireland
- 14:00 **Algae Food, Feed and Nutraceuticals: New Bioproducts and New Markets**, Dr. Mark Edwards, Arizona State University, U.S.A.
- 14:30 **A Promising Ingredient Called Chlorella**, Ms Sofia Mendonça, allma natural benefits, Portugal
- 15:30 **Visit to A4F (Necton) Algae Research Facilities**

15:00 Bus Leaves Hotel  
15:30 Visit to A4F Research Facilities  
17:30 Bus Returns to hotel

17:30 End of Technical Program

### Short Course Venue



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Smart Short Courses has set aside hotel rooms in Hotel Tivoli Lisboa and in Hotel Tivoli Jardim, located next to Tivoli ,Lisboa)  
These rates are per room, per night, inclusive of Buffet Breakfast, taxes and service (room availability guaranteed until May 12, 2014)

Download hotel booking form  
<http://www.smartshortcourses.com/docs/TivoliHotelBookingForm-algae.doc>

Prices in EUR	Single	Double
Tivoli Lisboa	165.00	177.00
Tivoli Jardim	135.00	145.00