



Smart Short
Courses

Algae Technology Platform AMERICAS

June 26 - 28, 2013, Phoenix, Arizona

Investors Meet Developers
June 26, 2013

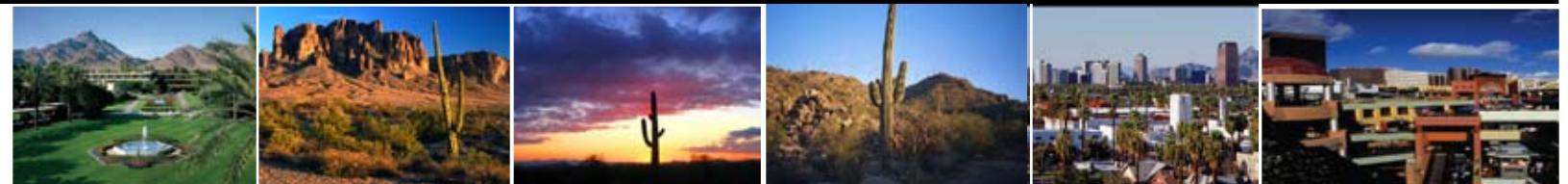
4th Algae Harvesting and Downstream Processing for Value Added Applications
June 27 - 28, 2013

The America's Leading Commercial and Technology Forum for the Algae Investors, Entrepreneurs, Process Developers, Products and Formulators.

Speakers

Dr. John R. Benemann, CEO, MicroBio Engineering, Inc. USA
Dr. Thierry Chopin, Scientific Director, Canadian Integrated Multi-Trophic Aquaculture Network, Canada
Dr. Ignace Debruyne, Technical Marketing Consultant, ID&A, Belgium
Mr. Doug DiLillo, Industrial BioTechnology Lead, BioBased Fuels & Chemicals Markets, Pall Energy Group, USA.
Mr. Nick Donowitz, Director, Corporate Development, Heliae Development, USA.
Dr. Matthew Donham, Director of Engineering & Research, BioVantage Resources, USA.
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, USA
Dr. Henri Gerken, AzCATI Arizona Center for Algae Technology and Innovation, Arizona State University, USA
Mr. Robert Henrikson, Founder Algae Alliance / Ronore Enterprises, USA.
Mrs. Anna Keilty, Program Manager Cyanobacteria as Solar-Powered Biocatalysts, Arizona State University, USA

Mrs. Victoria Kurtz, Assistant Sales Manager Aquatic Systems, Fluid Imaging Technologies, Inc., USA
Mr. Richard D. Ozer, Product Sales Manager, Crown Iron Works, USA
Mr. Alexander Piek, Project Manager, GEA Mechanical Equipment, GEA Westfalia Separator Process, Germany
Mr. Jose Sanchez Pina, General Manager - Algae Program, OriginOil Inc, USA
Dr. Bruce Ritmann, Professor and Director, Center for Environmental Biotechnology, Biodesign Institute at Arizona State University, USA
Mr. Philippe Tramoy, Managing Partner, CBDMT@ - Market & Business Intelligence, France
Dr. Koenraad Vanhoutte, Algae Technology Consultant and Entrepreneur, Navicula, Belgium
Mr. Albert Vitale, Chief Executive Officer, Evodos, Netherlands
Dr. Andrea Wong, Senior Scientific & Regulatory Consultant, Food & Nutrition Group, Intertek Cantox, Canada
Mr. Josh Wray, AzCATI Arizona Center for Algae Technology and Innovation, Arizona State University, USA.
Dr. Peter Zemke, AzCATI Arizona Center for Algae Technology and Innovation, Arizona State University, USA.



SHORT COURSE ORGANIZERS

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INVESTORS MEET DEVELOPERS - Day 1: Wednesday, June 26, 2013

Wednesday, June 26, 2013

- 8:50 am Welcome - Opening remarks
- 9:00 am **Macro and Micro Algae as New Resources for Novel Products - Exploiting Algae Diversity**, Dr. Koenraad Vanhoutte, Navicula, Belgium
- 9:30 am **Algae Market Review and Future Prospects**, Mr. Philippe Tramoy, CBDM.T, France
- 10:00 am **How to Take Advantage of the Aquaculture Industry: Market Review - Algae Opportunities**, Dr. Ignace Debruyne, ID&A, Belgium
- 10:30 am Coffee/Tea Break and Networking
- 11:00 am **Top 15 Algae Industry Innovations**, Dr. Mark Edwards, Arizona State University, USA.
- 11:30 am **Tales from the other side: Crossing the Valley of Death in the Algae Industry**, Mr. Nick Donowitz, Heliae Development, USA.
- 12:00 n **Emergence of Small Scalable Algae Microfarms, Algaepreneurs and Practical Business Models Around the World**, Mr. Robert Henrikson, Algae Alliance / Ronore Enterprises, USA.
- 12:30 pm Lunch and Networking.
- 1:30 pm **Developing a Strong IP Strategy supporting Entrepreneurial Success**, Dr. Koen Vanhoutte, Navicula, Belgium
- 2:00 pm **Costs and Time Line Expectations Related to Filing Novel Foods Applications**, Dr. Andrea Wong, Intertek Cantox, Canada
- 2:30 pm **Round Table Discussion: Venture Capital Opportunities for the New Start-ups and More Mature Established Companies** – Speakers and Industry Experts
- 3:00 pm Leave for Site visit **Arizona Center for Algae Technology and Innovation, Arizona State University, USA.**
- 6:30 pm Leave for Arizona Biltmore - End of Investors Meet Developers Program

TECHNICAL PROGRAM: ALGAE HARVESTING AND DOWNSTREAM PROCESSING FOR VALUE ADDED APPLICATIONS - June 27 - 28, 2013

Thursday, June 27, 2013 - Day 1

- 8:45 am Welcome - Opening remarks

ALGAE 101

- 9:00 am **Macro and Micro Algae, a Review of Diversity and Potential**, Dr Koenraad Vanhoutte, Navicula, Belgium
- 9:30 am **High value Algae Markets -- New Foods, Feeds, Fertilizers and Medicines**, Dr. Mark Edwards, Arizona State University, USA.
- 10:00 am **Overview of Algae Growing Processes and Core Ingredients**, Mr. Josh Wray, Arizona Center for Algae Technology and Innovation, Arizona State University, USA.
- 10:30 am Coffee/Tea Break and Networking
- 11:00 am **Analytical Methods Used in Algae Production Systems**, Dr. Henri Gerken, Arizona Center for Algae Technology and Innovation, Arizona State University, USA.
- 11:30 am **Quantifying Algae Production Systems**, Dr. Peter Zemke, Arizona Center for Algae Technology and Innovation, Arizona State University, USA.
- 12:00 n **Certification of Algae Based Biomass and Derived Products**, Dr. Koenraad Vanhoutte, Navicula, Belgium
- 12:30 pm Lunch and Networking

TECHNOLOGY: GROWING FOR CELL HARVESTING

- 2:00 pm **Setting-up a Sustainable Algae Growing Business**, Mr. Robert Henrikson, Algae Alliance / Ronore Enterprises, USA.
- 2:30 pm **Scaling Up Algae Production**, Mr. Matthew Donham, BioVantage Resources, USA.
- 3:00 pm **Imaging Particle Analysis for Algae Applications: from Species Research to Production Monitoring for Algae Technology**, Mrs Victoria Kurz, Fluid Imaging, USA
- 3:30 pm Coffee/Tea Break and Networking
- 4:00 pm **Agronomy of Seaweed Cultivation and Macro-Algae applications: from Breeding towards Post-Harvest Processing**, Dr. Thierry Chopin, Canadian Integrated Multi-Trophic Aquaculture Network. Canada

Technology: DOWNSTREAM PROCESSING

- 4:30 pm **How to get Cyanobacteria to Excrete Valuable Products: Direct Harvesting**, Mrs. Anna Keilty, Arizona State University. USA

- 5:00 pm **Getting All the Value from Microalgae Biomass**, Dr. Bruce Ritmann, Center for Environmental Biotechnology, Biodesign Institute at Arizona State University, USA
 5:30 pm **Networking Coctails and Reception**
 6:30 pm End of Day 1

Friday, June 28, 2013 - Day 2

- 8:30 am **Algae Appliance™: a Breakthrough in Harvesting and Microbiological Control for Commercial Algae Systems**, Mr. Jose Sanchez Pina, OriginOil, USA.
 9:00 am **Dunaliella Processing for Beta-Carotene Extraction**, Mr. Alexander Piek, GEA Westfalia Separator Process, Germany
 9:30 am **Low Cost Algae Harvesting at Industrial Scale - Spiral Plate Water Removal Technologies**, Mr. Albert Vitale, Evodos, the Netherlands
 10:00 am **Algae Oil Extraction Technology**, Mr. Richard Ozer, Crown Iron Works, USA.
 10:30 am Coffee/Tea Break and Networking
 11:00 am **Integrating Wastewater Treatment with Biofuels Production**, Dr. John R. Benemann, MicroBio Engineering, Inc. USA.
 11:30 am **Membrane Technology Applications in Algae Processing**, Mr. Doug DiLillo, Pall Energy Group, USA.
 12:00 pm **Domestic Applications of Assemblies of Photosynthetic and Heterotrophic Micro-organisms: From Sewage to Bio-Pool**, Dr Koenraad Vanhoutte, Navicula, Belgium
 12:30 pm End of Program

Algae Technology Platform AMERICAS

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

REGISTRATION INFORMATION

Registration Type	Rates
Investors Meet Developers (June 26, 2013 only - Day 1)	\$945
Algae Harvesting and Downstream Processing (June 27-28, 2013 Only - Day 2 & 3)	\$1,095
Full three day program (June 26 - 28, 2013)	\$1,895
Academic (Day 1 / Day 1 & 2 / Day 1, 2, & 3)	\$445 / \$695 / \$995
Total Payment	

(* Registration rate includes short course manuals, lunch and coffee breaks.
 group rates (10% for 3+; 20% for 5+), and student rates on demand.

PAYMENT INFORMATION

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

Please request bank transfer information via e-mail or mail.

Payments by Checks: Checks should be made to: "Short Courses" and mailed to:

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E-mail: sefa.koseoglu@membraneworld.com; Telephone: 979-694-7031

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