




Day 1 - 22 May 2012, Tuesday

- 08:00 Registration and Coffee
- 09:00 Chairman's Welcome & Opening Remarks
- 09:10 **How to Approach Algae Commercialization**
- Current state of the market in the algae industry
 - How you should think about scaling up
 - Strategies most likely to succeed
 - Partnership models that work
 - Key trends in 2011
 - What comes next?
- Ms. Samhitha Udupa, Analyst
Lux Research
- 09:40 **Attracting Funding and Capital Investment for Algae**
- Criteria, model, scale
 - EU, PE, VC, Corporations
 - Markets
- Dr. Peter van Gelderen
General Partner & CIO
Icos Capital Management B.V
- 10:10 **Microalgae Biorefinery and Co-Products**
- Dr. R.H. (René) Wijffels, Head,
Bioprocess Engineering Group
Wageningen University and Research Centre
- 10:40 Discussion followed by Refreshments
- 11:10 **Algae Strains and Technologies for Applications from Cosmetics to Biofuels**
- Dr. Mario Tredici, President EABA,
Professor, Agrarian Biotechnology Department,
University of Florence
- 11:55 **Genetic Engineering of Microalgae for Novel Products and Increased Productivity**
- Strain selection, identification and improvement

- 12:25 Discussion followed by Networking Lunch
- 13:45 Chairman's Introduction
- 13:50 **AlgaeTunnel®, a Pioneering Technology for Large Scale Algae Biomass Production**
- Mr. Dominique Delobel, CEO
AlgaeStream SA
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- 14:20 **Microalgae for Animal Feed**
- Mr. Anthony Verschoor
R&D Director / CSO
IngrePro B.V. / Ingrepro Micro Ingredients
- 14:50 **Commercialisation of Omega-3 Fatty Acid EPA from Microalgae**
- Dr. Hywel Griffiths, Chief Scientific Officer
Photonz Corporation
- 15:20 Discussion followed by Refreshment Break
- 15:50 **Developments of Cultivation and Extraction Processes for Omega-3 Fatty Acids**
- Dr. Ulrike Schmid-Staiger,
Fraunhofer-Institut für Grenz- flächen- und Bioverfahrenstechnik, IGB
- 16:20 **Advanced Chromatographic Technologies and their Application to the Industrial Scale Purification of Omega-3 from Algae**
- Main process chromatography technologies & benefits
 - Processes for large scale production of purified omega-3 products

- 11:05 **Process flows for large scale purification of omega-3 from algae**
- Mr. Jean Blehaut, Director,
Innovation and Marketing
Novasep Process SAS
- 16:50 **GMB's Green Mission algae project- Experiences and First Results**
- Project aims
 - Algae plants and reactor technologies
 - Suitable algae species
 - Experiences and first results
 - Next steps
- Mr. Werner Fahle, Managing Director
GMB GmbH
- 17:20 Discussion followed by End of Day 1

Day 2 - 23 May 2012, Wednesday

- 09:00 Chairman's Introduction
- 09:05 **Pall's Algae Separation & Concentration Program**
- Research & Modeling and Advances in Commercialization with Membranes
 - Harvesting, water & nutrient management, waste water as feedstock, scale-up
- Mr. Doug Dilillo, Global Marketing
Lead Industrial Biotechnology
Pall Corporation (HQ)
- 
- Pall Corporation
- 09:35 **ALLIGAS Project – Products from Waste Water**
- Dr. Geert Feye Woerlee
Company Founder, **Feyecon**
- 10:05 **Algae as a Feedstock for Jet Fuel**
- Mr. Vincent R Toepoel, Founder - CEO
Toeps
- 10:35 Discussion followed by Refreshment Break

- 11:05 **New Catalytic Approaches to Produce Higher Grade Fuels from Algae**
- Prof Dr. Johannes A. Lercher,
Technische Universität München
- 11:35 **Optimizing Lipid Production for Algae; Importance of Defining Growth Conditions**
- Dr. Jukka Seppala, Senior Scientist
The Finnish Environment Institute
- 12:05 **Microbubble Mediated Algal Production: Acceleration of Bioreactors, Screening, and Microflotation Harvesting**
- Prof. William B Zimmerman
Chemical and Biological Engineering
The University of Sheffield
- 12:35 Final discussion followed by Networking Lunch
- 14:00 Close of conference.

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