



MBRE 2016

International Conference on Marine Biomass as Renewable Energy

3rd-4th March 2016,

**The Conrinthian Club
191 Ingram Street
Glasgow, Scotland, UK**

MBRE 2016 Day 1: 3rd March

- 08:30-08:55 Delegate Registration
- 08:55-09:00 *Welcome*
- 09:00-09:40 KEYNOTE PAPER: A Review of the European Algal Biomass Sector, Vitor Verdelho, A4F
- 09:40-10:00 Wastewater Bioremediation from Filamentous Algae, *M Ross, University of Edinburgh*
- 10:00-10:20 *Anaerobic Digestion of Laminaria japonica Waste from Industrial Production Residues in Laboratory- and Pilot-scale, N Barbot, Jacobs University*
- 10:20-10:40 *Advanced biofuels from the hydrothermal liquefaction of micro- and macroalgae, C Chuck, University of Bath*
- 10:40-11:00 *Using Algae as a Source for Renewable Bioproducts, Ashton Zeller, Algix*
- 11:00-11:30 Break
- 11:30-11:50 Generation of random mutants to improve light-use efficiency of *Nannochloropsis gaditana* cultures for biofuel production, *T Morosinotto, University of Padova*
- 11:50-12:10 Integrated use of seaweeds for energy and food purposes, *W Schuster, Maremate*
- 12:10-12:30 The potential for kelp production in Shetland, *C Rolin, University of Highlands & Islands*
- 12:30-14:00 Lunch
- 14:00-14:40 KEYNOTE PAPER: Macro verse Micro- which is best and does it really matter?, Michelle Stanley, SAMS
- 14:40-15:00 Deciphering trophic role of photosynthetic microalgae through carbon metabolism towards biodiesel production, *MV Rohit, CSIR-IICT*
- 15:00-15:20 Polluting Water with a Veritable Source of Energy: the Situation in the Urban City of Lagos-Nigeria, A Timothy, City University of Lagos
- 15:20-15:50 Break
- 15:50-16:10 Towards large scale seaweed cultivation in Europe, *B Groenendaal, Sioen*
- 16:10-16:30 Strategic enhancement of microalgal carbohydrates by augmentation with external carbon towards enhanced lipids and biodiesel production, *P Chiranjeevi, CSIR-IICT*
- 16:30-16:50 The limits of algae anaerobic digestion: a lab case study on micro-algae...and what about seaweed?, *M Ras, SB Roscoff*
- 16:50-17:10 Pressurised anaerobic digestion of algae for higher energy biogas, *L Zhixuan, Chester University*
- 17:10-17:30 *M Hemalatha, Microalgae cultivation towards wastewater treatment and nutrient recycling for biodiesel production, CSIR-IICT*
- 18:00 Civic Reception, Glasgow City Chambers, George Square, G2 1DU
- 19:30 Conference Dinner, The Corinthian Club, 191 Ingram Street, G1 1DA

MBRE 2016 Day 2: 4th March

- 09:00-09:40 KEYNOTE PAPER: Heterotrophic Photosynthetic Machinery: Enabling sustainability with integrated biorefinery, Venkata Mohan, CSIT-IICT
- 09:40-10:00 Analysis of the ROS activation in *Botryococcus braunii* under stress condition with intracellular stain, I Cornero-Corona, Unidad Irapuato
- 10:00-10:20 Microalgae based cultivation for High Value added products synthesis, K Rajesh, CSIT-IICT
- 10:20-10:40 Annual biomass and lipid productivities of *Tetraselmis* sp. from onshore culture system, DH Kang, KIOST
- 10:40-11:00 Syngas production from bio-oil derived from fast pyrolysis of seaweeds, YB Park, Pukyong National University
- 11:00-11:30 Break
- 11:30-11:50 Sustaining a Macroalgae Biomass Supply Chain: Seasonal variation in the preservation parameters of *Ulva lactuca*, H Greenwell, University of Durham
- 11:50-12:10 Integrated pest management solutions hold key to sustainable cultivation of algae in open ponds for biofuels production, K Chitranshu, Reliance Industries
- 12:10-12:30 ISOTHERMAL CRACKING OF MICROALGAE (*NANNOCHLOROPSIS OCULATA* AND *CHLORELLA VULGARIS*), A Auwal, Newcastle University
- 12:30-14:00 Lunch
- 14:00-14:40 KEYNOTE PAPER: Developing microalgal derived bio fuel in the shipping industry, Ian Watson, University of Glasgow
- 14:40-15:00 Microalgae production on side/waste streams: an option for an improved nutrient recycling?, W van Dijk, Wageningen University
- 15:00-15:20 Reducing Carbon Dioxide Emissions from Ships using Biocrude: A Biofuels Perspective, *Elstine Padayattil, Ditipriya Das, ASRANet Ltd*
- 15:20-15:50 Break
- 15:50-16:10 Renewable oil from fast growing heterotrophic microalgae, R Armenta, Maracorp
- 16:10-16:30 Solvent Extraction Separation of Brown algal bio-oil, JH Choi, Pukyong National University
- 16:30 Conference Closes

REGISTRATION FORM

Name _____
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I wish to register for the Conference at a normal cost of £450 [£250 for students only] plus VAT (UK only)

Please invoice me at the above address

Please send me information on local hotels

Signature

Date

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No refunds will be possible after 19/02/2016.