
Green Biorefining Seminar June 29, 2018

Venue: Aalborg University Copenhagen, A.C. Meyers Vænge 15, 2450 Copenhagen SV

Green biorefinery concepts have the potential to become a suitable solution for production of organic protein-rich feeds and a variety of other valuable products from green crops such as alfalfa, clover and clover grasses. An increasing interest has led to several Danish project initiatives including OrganoFinery, which now have been running for the last couple of years. This seminar will present perspectives on green biorefineries by keynote speakers and disseminate some of the results obtained in the Danish projects.

- 09.00-9.15** **Welcome and introduction**
Assoc. Professor, Mette Lübeck
Aalborg University, Copenhagen, Denmark
- 09.15-9.45** **Green biorefinery and the biotechnological work at Wood KPLUS**
Professor Dr. Birgit Kamm
Wood *KPLUS*, Linz, Austria
- 09.45-10.15** **Perspectives for green biorefineries**
Professor Birgitte Ahring
Aalborg University, Copenhagen, Denmark / Washington State University, US
- 10.15-10.45** **Utilization of green biomass (grass juice) as nitrogen source for lactic acid fermentation**
Program manager, Dr. Joachim Venus
Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Potsdam, Germany
- 10.45-11.15** **Coffee break**
- 11.15-11.45** **Introduction to Aarhus University Centre for Circular Bioeconomy - and activities within green biorefining**
Center leader CBIO, Senior Researcher Uffe Jørgensen
Aarhus University, Foulum, Denmark
- 11.45-12.05** **Relevant plants for green biorefining**
Professor Kristian Thorup-Kristensen
University of Copenhagen, Denmark
- 12.05-12.25** **Protein recovery using lactic acid fermentation - Lab scale and large scale feed production**
PhD student Maria Santamaria-Fernandez
Aalborg University, Copenhagen, Denmark

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- 12.30-13.30 Lunch**
- 13.30-13.50 Feeding trials with green protein in laying hens: effect on production and digestibility**
Senior Researcher Sanna Steinfeldt
Aarhus University, Foulum, Denmark
- 13.50-14.10 Biorefined forages as feed for monogastrics and ruminants**
Post doc Lene Stødkilde-Jørgensen
Aarhus University, Foulum, Denmark
- 14.10-14.30 Biogas and nutrient recovery in the green biorefinery**
Assoc. Professor Hinrich Uellendahl
Aalborg University, Copenhagen, Denmark
- 14.30-14.50 Economy in the green biorefinery**
Senior Adviser Morten Gylling
University of Copenhagen
- 14.50-15.20 Coffee break**
- 15.20-15.40 Pilot and demo-scale facilities at Aarhus University**
Pilot manager, Post doc Morten Ambye-Jensen
Aarhus University, Foulum, Denmark
- 15.40-16.00 Pilot facilities at Technological Institute (Subleem)**
Team manager Anne Christine S. Hastrup
Danish Technological Institute, Taastrup, Denmark
- 16.00-16.20 Market potentials for products from the green biorefinery**
Director Karen Hamann
IFAU Aps, Hørsholm, Denmark
- 16.20-16.40 The green biorefinery seen from the organic farmers perspectives**
Senior Adviser Erik Fog
SEGES, Aarhus, Denmark
- 16.40- Closing remarks**
Assoc. Professor Mette Lübeck
Aalborg University, Copenhagen, Denmark