Circular Bioeconomy Research at Aarhus University

Join CBIO Webinar 1st July 2020, 9-12 – open to all

Aarhus University Centre for Circular Bioeconomy, CBIO, was established in 2017 to support the transition from the fossil-based economy to a circular and biobased economy.

With eight research platforms, it embraces most areas of the bioeconomy, and a suite of projects supporting the green transition is now running under CBIO.

Aarhus University would like to invite all with an interest in further developing the bioeconomy to this interesting webinar, where PhD students and Postdocs from Aarhus University will give short pitch presentations on their work in areas such as:

- Biorefining green biomass for feed and food
- Value added products from side streams
- Cropping systems and management
- Seaweed in the circular bioeconomy

Centre director Uffe Jørgensen will open the webinar with a presentation of CBIO, and Claus Felby from Novo Nordisk Foundation will conclude the webinar with his presentation: "Beyond 70% GHG reduction - what should be the research & development priorities?"

After each presentation, it will be possible to ask questions.

The webinar is free of charge, but we need your registration at: **https://events.au.dk/cbiowebinar**

A few days before the webinar, you will receive an e-mail with a link to the meeting platform.

CBIO
AARHUS UNIVERSITY CENTRE FOR CIRCULAR BIOECONOMY

PROGRAMME - CBIO Webinar, 1 July 2020, 9-12

Presentation of Centre for Circular Bioeconomy – CBIO			
9.00	Uffe Jørgensen	Head of CBIO, Dept. of Agroecology	The mission of CBIO in the green transition of our society
Presentation of CBIO work by PhD students and Postdocs			
1. Biorefining green biomass for feed and food			
9.15	Aikaterini Mountraki	Dept. of Engineering	Smart decision making in Green Biorefineries
9.23	Anders Hauer Møller	Dept. of Food Science	Improving the quality of protein extracted from green biomass
9.31	Lene Stødkilde-Jørgensen	Dept. of Animal Science	Grass protein for pigs and poultry: can it substitute soybean meal?
9.39	Marleen van der Heide	Dept. of Animal Science	Novel feedstuffs in monogastric nutrition
9.47	Nikolaj Hansen	Dept. of Animal Science	Pulp from green protein extraction of grass as feed for dairy cows
9.55	Signe Hjerrild Nissen	Dept. of Food Science	Alfalfa protein for human consumption
2. Value added products from side streams			
10.03	Birgit E. Bonefeld	Dept. of Engineering	Grass Textile - Cellulose from sidestream biomass for biomaterial purposes
10.11	Chia-Wen Hsieh	Dept. of Engineering	Biochemical extraction of sugars and amino acids from green biomass: creating value-added products from waste streams
10.19	Gossaye Tirunehe	Dept. of Engineering	Resource recovery from Green Biorefinery residual stream using membrane filtration
10.27	**Break 15 min.**		
10.42	Natália Hachow Motta dos Passos	Dept. of Engineering	Valorisation of a side stream from leaf protein concentrate production for high-value applications
10.50	Juliano Souza dos Passos	Dept. of Engineering	Hydrothermal liquefaction of mixed waste materials synergistic investigations for a circular economy of the chemical industry
3. Cropping systems and management			
10.58	Claudia Kalla	Dept. of Agroecology	Effect of cropping management on protein yield and extractability from selected flooding tolerant perennial grasses cultivated on a riparian fen
11.06	Ji Chen	Dept. of Agroecology	Biomass yield, yield stability and soil carbon and nitrogen content with various innovative cropping systems
4. Seaweed in the circular bioeconomy			
11.14	Louise Juul Pedersen	Dept. of Animal Science	Protein extraction from seaweed
11.22	Xueqian Zhang	Dept. of Environmental Science	Ecosystem services associated with seaweeds in circular bioeconomy context
Closing session			
11.30	Claus Felby	Novo Nordisk Foundation	Beyond 70% GHG reduction -what should be the research & development priorities?
12.00	**END**		

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