

Towards Sustainable Bioeconomy

SmartBio Annual Meeting, November 6th 2017

Venue: Kankaisten Kartano (Kankaistentie 57, 21250 Masku, Finland)
Navetta Conference Hall*

08.30 Welcome coffee and breakfast

09.00 Guest lecture – Lari Vähäsalo (CH Bioforce) *Scale-up of a chemical process*

09.30 Guest lecture – Industrial applications of algae - a precise title and speaker will be announced later

10.00 Prof. Eva-Mari Aro and Prof. Stefan Willför (UTU, ÅA) *What is new in SmartBio*

10.30 Dr. Sergey Kosourov (Mol Plant Bio, UTU) *Nanocellulose as a novel matrix for thin-layer immobilization of microalgae*

10.50 Dr. Patrik Eklund (Org Chem, ÅA) *Secondary metabolites in drug discovery*

11.10 Prof. Juha-Pekka Salminen (Org Chem, UTU) *Increasing the bioactivity and/or stability of feed components via chemical modifications*

11.30 Prof. Tapio Salmi (Indust Chem, ÅA) *From hemicelluloses to sugar alcohols and sugar acids*

11.50 Lunch

13.00 Prof. Carita Kvarnström (Material Chem, UTU) *In the search for a selective electrocatalyst for carbon dioxide conversion*

13.20 Dr. Xiaoju Wang (Inorg Chem, ÅA) *3D printed scaffolds for potential tissue engineering applications*

13.40 Dr. Esa Tyystjärvi (Mol Plant Bio, UTU) *Weed spotting from cereal fields with a drone*

14.00 Coffee break

14.30 MSc. Meheretu Dirbeba (Inorg Chem, ÅA) *Pyrolysis of sugarcane vinasse*

14.45 Dr. Mikko Tikkanen (Mol Plant Bio, UTU) *Light-stimulated modulation of metabolism to improve the nutritional and gastronomic values and the stress resistance of greenhouse plants*

15.00 MSc. Ida Mattsson (Org Chem, ÅA) *Smart materials from sweet molecules – Self-assembling polyols derived from mannose*

15.15 Wrap up and general discussion

15.45 End of the meeting

Please submit your REGISTRATION latest Oct 29th

<https://link.webropolsurveys.com/S/6116624FED0228CA>

*Bus services will be available leaving at 08:00 both from BioCity and from Cathedral (Tuomiokirkko)
Return bus leaving at 15:45 from Kankaisten Kartano