

JOINT BIOREFINERY LECTURE SERIES

Period 4, 2011; Lectures in English

At the University of Helsinki (HY) in Viikki: INFO Building, Lecture room 4

At Aalto University, Otaniemi: Department of Biotechnology and Chemical Technology, room Ke2

Course code at Aalto = KE-70.3600 Bioprosessitekniikka III (5 op)

Course code at University of Helsinki = YKEM410 (5 op)

Programme:

March 14	Introduction	Simultaneously at HY and Aalto
9.15-10	Introduction to the lecture series	NvW at Aalto & LV at University of Helsinki
March 16	Finnish raw materials	At HY, Viikki
9.15-10	Agricultural raw materials	Katri Pahkala, MTT
10.15-11	Forest raw materials	Antti Asikainen, Metla
11.15-12	Improvement of raw materials	Kurt Fagerstedt, University of Helsinki
March 21	Biorefinery concepts	At Aalto, Otaniemi
9.15-10	Biorefinery concepts	Niklas von Weymarn, VTT
10.15-11	Near neutral green liquor process	Adriaan van Heiningen, Aalto University
11.15-12	Modelling of immature concepts	Katja Bergroth, Pöyry Management Consulting Oy
March 23	Breakthrough technologies	At HY, Viikki
9.15-10	Ionic liquids	Ilkka Kilpeläinen, University of Helsinki
10.15-11	Nanotechnology	Päivi Laaksonen, VTT
11.15-12	Biotechnology	Liisa Viikari, University of Helsinki
March 28	Transport biofuels	At Aalto, Otaniemi
9.15-10	Political drivers	Tuula Mäkinen, VTT
10.15-11	Thermo-chemical processes	Outi Krause, Aalto University
11.15-12	Biotechnical processes	Niklas von Weymarn, VTT
March 30	Products based on material sciences	At Aalto, Otaniemi
9.15-10	Biopolymers & composites	Jukka Seppälä, Aalto University
10.15-11	Fibres and nanocellulose	Janne Laine, Aalto University
11.15-12	Hemicellulose-based products	Christiane Laine, VTT
April 4	Products based on molecular sciences	At HY, Viikki
9.15-10	Sugar platform products	Ali Harlin, VTT
10.15-11	Products based on extractives	Bjarne Holmbom
11.15-12	Specialty sugars	Katja Häkkä, Danisco
April 11	Key public projects in Finland	At Aalto, Otaniemi
9.15-10	FuBio	Niklas von Weymarn, VTT
10.15-11	Efftech	Pauliina Tukiainen, VTT
11.15-12	EU projects	Liisa Viikari, University of Helsinki

Registration: WebOodi

More information:

Aalto students: Docent Niklas von Weymarn, VTT Technical Research Centre of Finland

E-mail: niklas.weymarn@vtt.fi, Phone: 020-722 7138

University of Helsinki students: Prof. Liisa Viikari, University of Helsinki

E-mail: liisa.viikari@helsinki.fi, Phone: 09 1911 58653