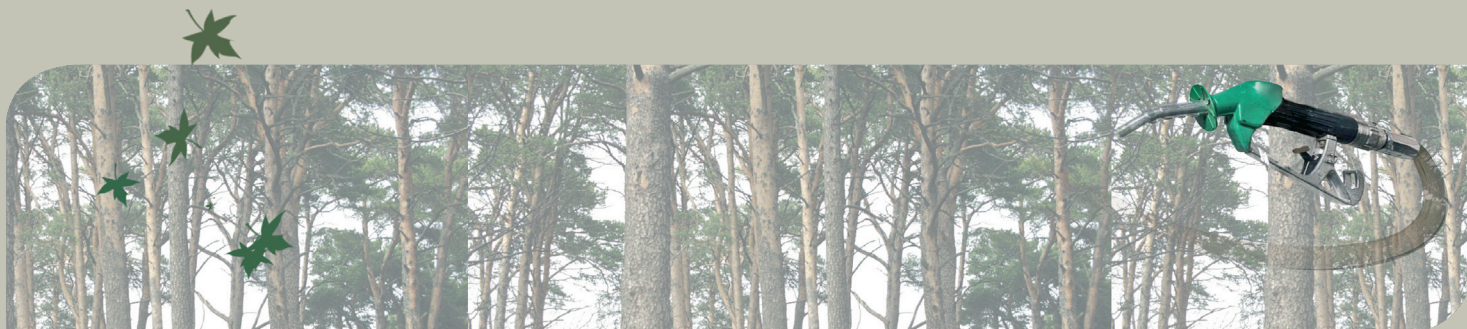


Biofuels and chemicals from Nordic forests

Research seminar



Invitation to seminar

Paper and Fibre Research Institute (PFI), in collaboration with INNVENTIA (Sweden), Matis Prokaria (Iceland), SINTEF (Norway) and VTT Technical research centre of Finland, has the pleasure to invite you to a research seminar on production of biofuels from wood.

The seminar marks the finalization of our joint Nordic research project "New, innovative pre-treatment of Nordic wood for cost-effective fuel-ethanol production". The seminar will report on the major findings from this project on day one, and give presentations on related topics by invited speakers on day two. The seminar will be arranged at PFI in Trondheim, Norway, on November 3-4, 2010.

We hope to attract a wide audience, bringing together scientists working in the field of wood processing / biofuel production, representatives from industry, including the forestry sector, wood processing industry and fuel producers, as well as other parties interested in biofuel production. We hope that the seminar will allow a fruitful exchange of knowledge and ideas.

Location of seminar:
Høgskoleringen 6B, Trondheim, Norway

Registration before October 15th: NOK 3 500
Registration after October 15th: NOK 4 500
(Including lunch both days and dinner Nov 3rd)

Please register to Elin Bremseth, PFI
Phone: +47 73 60 50 65 • fax: +47 73 55 09 99
e-mail: firmapost@pfi.no

We have reserved rooms at Quality Hotel Augustin. Please contact Elin Bremseth before Oct.15 for reservation.



Programme

November 3rd

11.00-11.30: Registration

11.30: Lunch

12.00: Welcome (Philip André Reme, PFI)

12.05: The Nordic research project "New, innovative pre-treatment of Nordic wood for cost-effective fuel-ethanol production" (Karin Øyaas, PFI)

12.20 - 13.35: Pretreatment of wood raw materials

12.20: Steam pre-treatment of hardwoods and softwoods for fuel-ethanol production (Kai Toven, PFI)

12.45: Strong acid pre-treatment of Nordic wood for fuel-ethanol production (Kando Janga, PFI/NTNU)

13.10: Soda-cooking - a feasible pretreatment also for fuel ethanol production? (Anna Von Schenck, INNVENTIA)

13.35: Fruit / Coffe-break

14.00 - 15.15: Enzymatic hydrolysis and fermentation

14.00: Robust microorganisms from Icelandic hot springs - a valuable source of thermophilic microorganisms and enzymes (Gudmundur Oli Hreggvidsson, Matis Prokaria)

14.25: Enzymatic hydrolysis and fermentation of wood hydrolysates (Nils Dyrset, SINTEF)

14.50: Innovative process configurations for improved fermentation yields (Jaana Uusitalo, VTT)

15:15: Fruit / coffee break

15.40: Bio-ethanol production; Systems analysis and process integration (Anna Von Schenck, INNVENTIA)

16.05: What have we learned in this project - how shall we proceed? (Karin Øyaas, PFI)

16.30: Discussions

19.00: Dinner in Trondheim

November 4rd

08.30: The role of biomass in a long-term sustainable energy system, with focus on energy efficiency, cost efficiency and environmental impact of biofuel systems for the transport sector. (Pål Börjesson, Lund University - to be confirmed)

09.00: Biofuels, chemicals and energy - the Processum cluster approach (Sune Wännström, Processum)

09.30: The Lignocellulosic biorefinery - new pretreatment process at Borregaard (Martin Lersch, Borregaard)

10.00: Coffee break

10.50: New commercial enzymes in bioethanol production (Johan Börjesson, Novozymes)

11.20: Industrial cell factories for conversion of tomorrow's industrial raw materials (Carl Johan Franzen, Chalmers).

11.50: The Weyland process for bioethanol production (Jørn Einen, Weyland)

12.20: Final comments

12.30: Lunch - end of seminar