

# PCC Winter Colloquium 2.2.2011

## Program

Axelia Building, Auditorium Ringbom, Biskopsgatan 8, 20500 ÅBO

09:45 Coffee

10:15 Introduction, *Tapio Salmi*

*Chairman: Tapio Salmi*

10:20 Water uptake in ion-selective membranes, *Tom Lindfors*

11:00 Chemical thermodynamics of molten salts in biomass combustion and gasification, *Daniel Lindberg*

11:40 Liquid chromatography–mass spectrometry (LC-MS) - applications of forest industrial products, *Annika Smeds*

12:20 Lunch

*Chairman: Bjarne Holmbom*

13:15 Conferences organized in 2011 by the groups at PCC, *Johan Bobacka & Tapio Salmi*

13:20 Synthesis and characterization of micro-porous and meso-porous materials for production of fuels and chemicals, *Narendra Kumar*

14:00 Engineering bio-chemo catalytic reactions, *Päivi Mäki-Arvela*

14:40 Flow Cytometry - for counting and sorting of particles, all from viruses to paper fillers - and much more, *Lari Vähäsalo*

15:20 Coffee

*Chairman: Ari Ivaska*

15:30 Combustion modeling of industrial applications - validation challenges, *Anders Brink*

16:10 Concluding discussion - Future activities of the PCC - Annual Seminar 2011, *Ari Ivaska*

16:30 Adjournment