



Johan Gadolin  
Process Chemistry Centre

Johan Gadolin Process Chemistry Centre (**PCC**)

Annual Symposium 2016

Thursday, August 25, 2016

Auditorium A, Gadolinia, Porthansgatan 3, ÅBO

## PROGRAM

### 8.30 Registration and coffee

### 9.15 First session, Chair Tapio Salmi

Mikko Hupa	Welcoming address
Stefan Willför	Highlights of <i>PCC</i> 2015-2016
Dmitry Murzin	The research plan of <i>PCC</i> for 2017-
Jacob Moulijn	TU Delft - <i>Johan Gadolin lecture</i> : Biomass to fuels or rather to chemicals?

### 11.00 Break

### 11.15 Second session, Chair Stefan Willför

Lars Gädda	Chair of <i>Forum for Society PCC</i> - Challenges of <i>PCC</i> from the <i>Forum for Society</i> perspective
Anna Sundberg	10 <i>PCC</i> Flash presentations of PhD students <i>Laura Aalto-Setälä, Meheretu Dirbeba, Tingting Han, Ekaterina Korotkova, Ewelina Kortesmäki, Sara Lund, Sabine Rendon, Soudabeh Saeid, Vladimir Shumilov, Wenyang Xu</i>

### 12.30 Lunch, poster session and networking

### 14.00 Third session, Chair Johan Bobacka - *PCC* Research highlights

Tomasz Sokalski	UNISEP multi-sensor probe for wireless monitoring.
Oskar Karlström	Role of ash on the NO formation during combustion of solid biomass
Ida Mattsson	Smart materials from sweet molecules - self-assembling polyols derived from mannose

### 15.00 Break, coffee

### 15.15 *PCC* Research highlights, continued

Anders Strand	Tailored fiber-fiber interactions for boosted extensibility of bio-based fiber networks (ExtBioNet)
Lucas Lagerquist	Structural analysis of a hot water extracted and mild alkali pulped lignin
Pasi Tolvanen	Process intensification by microwaves and heterogeneous catalysts in the epoxidation of vegetable oils

### 19.00 Dinner

Restaurant *Hus Lindman*, Biskopsgatan 15