

**PSC Seminar Day 2018 Second circular**

**Date:** November 22, 2018

**Place:** Karlstad University, Lecture hall 1B306, the Fryxell Hall (*Fryxellsalen*)

**Time:** 09.00-15.30

***Program***

08.30-09.00 Registration

09.00-09.15 *Welcome address* – Lars Järnström, Chairman of Paper Surface Centre

09.15-09.45 Asif Javed, Karlstad University: *Powder coating of paper and board and development of powder coating lab at Karlstad University*

09.45-10.15 Ebrahim Gozali, Karlstad University: *Computational fluid dynamics modelling of paper-based coating processes*

10.15-10.30 Coffee break

10.30-11.00 Vinay Kumar, VTT Technical Research Centre of Finland: *Nanocellulose in barrier coatings: Processing challenges and opportunities*

11.00-11.30 Siv Lindberg, RISE Bioeconomy: *Surfaces and perception*

11.30-12.00 Gunnar Henriksson, Karlstad University: *Wood biomaterials for use in coatings and composites*

12.00-13.00 Lunch at restaurant Solsta Inn

13.00-13.30 Peter Rättö, RISE Bioeconomy and Karlstad University: *Pilot coating with a hemicellulose based barrier*

13.30-14.00 Magnus Lestelius, Karlstad University: *MultiBarr – a new project of PSC and Pro2BE with the research question “How to achieve defect free barrier functions from dispersion coatings on fibre based packaging materials?”*

14.00-14.45 Round-table discussion. *Challenges in the packaging area*. Moderator: Magnus Lestelius, Karlstad University. Panellists: Mikael Gällstedt, SIG Combibloc; Gunnar Forsgren, Iggesund Paperboard; Vinay Kumar, VTT Technical Research Centre of Finland.

14.45-15.00 Coffee break

15.00-15.30 Lab tour. Henrik Ullsten, Karlstad University: *New extruder facility at Karlstad University*

15.30 End of seminar

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| Sponsor of PSC Seminar Day 2018: | cid:894AC445-7280-4E01-BE81-36BA35E63CE9 |

***Registration:***

The seminar is free of charge for participants from PSC member companies.

The seminar fee is SEK 1500 for participants from other companies

The PSC Seminar dinner takes place on November 21 at 19h00 at restaurant Barón downtown Karlstad (address Tingvallagatan 13). The dinner is free of charge for participants from PSC member companies and included in the seminar fee for other participants.

Documentation from the PSC Seminar Day 2018 will be uploaded on the PSC communication platform for PSC member companies after the seminar.

Register online no later than 14 November via the link <https://pscseminarday2018.axacoair.se> or via the link you will find at the PSC web page [www.kau.se/psc](http://www.kau.se/psc).

***Venue:***

PSC Seminar Day will take place in building 1B, Lecture hall 1B306. See map of Karlstad University:



***Accommodation:***

A limited number of hotel rooms have been pre-booked for PSC Seminar Day 2018 at Hotel Scandic Winn, Norra Strandgatan 9-11, Karlstad. Do the reservation via the information you will find at the online registration web page. Do your hotel reservation no later than November 5, after that the availability is not guaranteed.

***Organizing committee:***

The organizing committee for the PSC Seminar Day 2018 consists of: Lars Järnström (Karlstad University), Magnus Lestelius (Karlstad University) and Peter Rättö (RISE Bioeconomy and Karlstad University).

***Information:***

Additional information about PSC and the seminar is available on PSC web page [www.kau.se/psc](http://www.kau.se/psc). You are also welcome to contact Lars Järnström, Director of Paper Surface Centre, [lars.jarnstrom@kau.se](mailto:lars.jarnstrom@kau.se), if you would have questions about the seminar.

