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PTS SYMPOSIUM

# PTS Coating Symposium 2023



13.09.2023 - 14.09.2023





# PTS Coating Symposium 2023

13.09. - 14.09.2023



## Wednesday, 13.09.2023

09:30	<b>Welcome and introduction</b> <i>Dr. Martin Zahel, Ina Greiffenberg – PTS</i>
09:45	<b>Keynote: Change and Chance - How to overcome neo-economic challenges</b> <i>Eveline Lemke – Thinking Circular®</i>
10:30	<b>With MFC it is possible to coat in the paper machine wet-end</b> <i>Per Svending – FiberLean Technologies</i>
11:00	<b>Surface morphological and topographical examination of high speed coated PVOH barriers for improved understanding of coating process and barrier properties</b> <i>Lars Jämström – Karlstad University</i>
11:30	<b>Break</b>
12:00	<b>Multilayer Barrier Packaging Paper Based on Cross Linkable PLA, CNCs, and Biobased Hybrid Nanomaterials</b> <i>Rajesh Koppolu – VTT Technical Research Centre of Finland</i>
12:30	<b>Impact of mineral properties on coating strength in wet and dry situations - a mechanistic review and practical implications</b> <i>Janet Preston – Imerys Minerals</i>
13:00	<b>Lunch Break</b>

14:35	<b>Application of Barrier Coating</b> <i>Gert Hilden – BTG</i>
15:05	<b>Preparation of starch via cavitation / Starch Saver</b> <i>Stefan Divjak – GAW Technologies</i>
15:40	<b>Break</b>
16:10	<b>Different methods for drying functional surfaces and their influence upon their functionality</b> <i>Wolf Heilmann</i>
16:45	<b>Paper based barrier products achieved in two coating stations by new concept</b> <i>Magnus Nilsson – UMV Coating</i>
17:30	<b>End of Day 1</b>
19:00	<b>Get together</b>
19:30	<b>Dinner</b>



# PTS Coating Symposium 2023

13.09. - 14.09.2023



## Thursday, 14.09.2023

09:00	<b>Welcome</b> <i>Dr. Martin Zahel, Ina Greiffenberg – PTS</i>
09:15	Keynote: <b>System innovation through investment</b> <i>Dr. Christian Kind – Koehler Innovation &amp; Technology</i>
10:00	<b>Barrier Coating with Rod Metering Systems</b> <i>Paul Morschek – Horst Sprenger</i>
10:30	<b>Multi-Functional Barrier Coating Systems created by Multi-Layer Curtain Coating</b> <i>Dr. Alexander Hipp – Trinseo Europe</i>
11:00	<b>Break</b>
11:30	<b>Latest findings on resource-saving board calendering at highest quality standard</b> <i>Julia Spengler – Voith Paper</i>
12:00	<b>Paper as packaging material - challenges in forming paper into bags</b> <i>Roy Holfert – FormerFab</i>
12:30	<b>Lunch Break</b>

13:35	<b>Development of application specific recyclable molded pulp packaging with liquid barrier coatings</b> <i>Volker Muche – Pacoon Sustainability Concepts</i> <i>Dr. Alexander Bardenstein – Danish Technological Institute (DTI)</i>
14:05	<b>All cellulose barrier materials for the development of recyclable and biodegradable food packaging solutions</b> <i>François Bru – Centre Technique du Papier (CTP)</i>
14:35	<b>Break</b>
15:05	<b>Innovative Sustainable Coatings to Address the Challenges of the Paper Industry</b> <i>Jan Inauen – Zürcher Hochschule für Angewandte Wissenschaften (ZHAW)</i>
15:35	<b>Biobased Barriers – Opportunities and Challenges</b> <i>Dr. Annika Eisenschmidt – PTS</i> <i>Kerstin Müller – Fraunhofer IVV</i>
16:15	<b>End of the Event</b>

# Information

**Date**

Wednesday, 13.09.2023  
Thursday, 14.09.2023

**Fee**

€ 1.300,-

**Chairs**

Dr. Martin Zahel  
Ina Greiffenberg

**Course No.**

230913 SY CO

**Location**

Konzert- und Kongresshalle Bamberg  
Mußstraße 1  
96047 Bamberg

**Includes**

- Participation at the conference
- Catering & Conference Dinner
- Presentations

**Contact**

[ptsacademy@ptspaper.de](mailto:ptsacademy@ptspaper.de)

**Registration & Information**

Online: [www.ptspaper.com/events/](http://www.ptspaper.com/events/)  
Email: with registration form below

## Registration

**230913 SY CO**

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Title & Name

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Course No.

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Industry / Position

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Street

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ZIP code / City / Country

**Invoice address (if different from the above)**

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Company

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Street

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