



FIBRE based solutions



# Biobased solutions in papermaking and converting

06.12. - 07.12.2022



## Tuesday, 06.12.2022

10:00	Welcome and introduction
10:15	<b>Bioeconomy, circularity, climate neutrality – what else is coming and how should it work?</b> <i>Prof. Dr. Frank Miletzky, FM Innovation</i>
10:45	<b>The potential of sustainable papermaking</b> <i>Dr. Lada Bemert, Voith Paper</i>
11:15	<b>Cellulosic fibres and challenges in product development for flexible packaging</b> <i>Dr. Tiemo Arndt, Reflex GmbH &amp; Co. KG</i>
11:45	Discussion
12:00	Lunch Break
13:00	<b>Functional Biopolymers – Microencapsulation</b> <i>Dr. Christian Neumann, Fraunhofer IAP</i>
13:30	<b>Biobased Wet-Strength Agents based on Dialdehyde Cellulose</b> <i>Gerrit Schaper, Papiertechnische Stiftung (PTS)</i>
14:00	<b>Sustainable deposit control for carefree water cycles in the paper industry.</b> <i>Stefan Franke, Servophil AG</i>
14:30	Discussion

14:45	Break
15:45	<b>Hybrid materials - a unique class of materials for surface finishing and functionalization</b> <i>Dr. Ferdinand Somorowsky, Fraunhofer ISC</i>
16:15	<b>Sustainable Barriers provided by Dispersion Coating</b> <i>Rüdiger Weiler, Solenis Germany GmbH &amp; Co.KG</i>
16:45	<b>Application of bio-based adhesives in folding carton and end-of-line packaging</b> <i>Marco Ahler, Baumer hhs GmbH</i>
17:15	Discussion
Dinner together	



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30% Discount from the 2nd ticket

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## Wednesday, 07.12.2022

09:00	<b>Welcome and introduction</b>
09:15	<b>Packaging films and paper coatings based on alginate</b> <i>Annekathrin Grüneberg, mujö</i>
09:45	<b>Starch Application in Curtain Coating</b> <i>Dr. Diego Fort, Peter Leonhardt, Dr. Andreas Becker, Cargill</i>
10:15	<b>SUPD compliant grease and oil barrier – Biolay</b> <i>Dr. Alexander Riefert, CHT Germany GmbH</i>
10:45	<b>Short Break</b>
11:00	<b>Designing for end of life: accounting for the realities of packaging waste leakage</b> <i>Mara Jensen, One.Five</i>
11:30	<b>Paper modification by Plasma-enhanced chemical vapor deposition. - The potential of biogenic precursors.</b> <i>Dr. Andreas Geißler, Technische Universität Darmstadt</i>
12:00	<b>Discussion</b>

12:30	<b>Lunch Break</b>
13:30	<b>Laser mediated fusing of paper materials</b> <i>Florian Lull, Fraunhofer IWS</i>
14:00	<b>Starch based hotmelt adhesives as biobased alternatives to conventional systems</b> <i>Birgit Kießler, Dr. Alexander Feldner, Papiertechnische Stiftung (PTS)</i>
14:30	<b>Collagen – a versatile protein with potential applications in papermaking</b> <i>Dr. Enno Klüver, FILK Freiberg Institute</i>
15:00	<b>Discussion</b>



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# Information



## Date

Tuesday, 06.12.2022  
Wednesday, 07.12.2022



## Fee

€ 990,-



## Chairs

Dr. Martin Zahel  
Dr. Marcel Haft



## Includes

- Participation at the conference
- Catering
- Presentations



## Location

Institut für Holztechnologie (IHD)  
Zellescher Weg 24  
01217 Dresden



## Course No.

221206 FT BS



## Contact

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



## Registration & Information

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# Registration

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