



DAY 1 - 21 OCT 2024, MONDAY

12:15 Registration & Welcome Lunch

13:30 **CMT & Chairperson's Welcome**

CLARIFICATIONS ON PPWR, SUPD & PLASTIC TAX & CONNECTING THEM

13:40 **Connecting SUPD, PPWR, Plastic taxes - how do they come together & mean for fibre-based packaging**
Alexey Vishtal, Head of Novel Packaging Development, MM Board & Paper

14:10 **Recyclability performance requirements in PPWR- What to expect?**
Charlotte Neumair, Team Lead - Circularity, Circular Analytics TK GmbH

14:40 **The Challenges in the Commercialisation of Fiber-based Barrier Packaging**
 • Navigating regulatory challenges while pursuing innovation
Herwig Kirchberger, Managing Director, Delsci GmbH

15:10 Networking & Afternoon Tea

15:45 **Compostability requirements in packaging materials – Legislative & Commercial Perspective**
Andrea Vittadello, Project Manager on Packaging Safety and Sustainability, Merieux NutriScience

16:10 **Panel Discussion**
Alexey Vishtal, Head of Novel Packaging Development, MM Board & Paper

Andrea Vittadello, Project Manager on Packaging Safety and Sustainability, Merieux NutriScience

Dr. Bernhard Kainz, Global Technology Leader Barrier Coatings, Dow Deutschland Anlagengesellschaft mbH

Charlotte Werner, Team Lead - Circularity, Circular Analytics TK GmbH

Herwig Kirchberger, Managing Director, Delsci GmbH

17:00 **Welcome Cocktail for ALL Speakers & Participants**

18:15 End of Day One

DAY 2 - 22 OCT 2024, TUESDAY

09:00 **Chairperson's Remarks**
Eckhard Kallies, Business & Strategy Development Executive, Delfortgroup

09:05 **(Panel Discussion) Brand Owners' Perspectives & Activities in Fiber-based Materials & Packaging**
Curtis Stowe, Sr. Principal Packaging Engineer, Conagra Brands

Gajanan Talwar, Senior Manager Packaging Development, BU Implantology, Straumann Group - Straumann Holding AG

10:00 **Integrating Materials, Machinability, Sustainability & Affordability Parameters with AI**
 • Modern packaging requires a careful balance of multitude demands: The desire to maintain existing packaging machinery, with no need for capex investment, global & local regulatory changes, shifting customer preferences & budget constraints.

• Brands & retailers face significant obstacles in adapting to these evolving market & consumer demands while maintaining their environmental goals with no single entity to centralise & optimise solutions to support the brand's packaging goals.

• Combining proprietary materials data with relevant secondary data (coming from suppliers, patent databases, and research papers etc.) to guide generative AI engine to make recommendations for new packaging material designs & solutions based on brand's preferences.

Ayellet Zinger, VP - Growth, one.five GmbH

10:30 Networking & Morning Coffee

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DAY 2 - 22 OCT 2024, TUESDAY

FUNCTIONAL COATINGS ON FIBER-BASED MATERIALS & PACKAGING

- 11:05 **Significant breakthrough with plastic-free waterborne barrier coatings for fiber-based packaging**
- Bio-based barrier coatings vs. SUPD / PPWR
 - Plastic-free / Microplastic-free
 - Circular economy
- Jochen Schlegel, Managing Director, JOS Consulting GmbH*
- 11:30 **Multilayer dispersion coatings for universal barrier in paper packaging**
- Barrier performance needs of fiber based packaging
 - Approaches to dispersion coatings for universal barrier on difficult paper substrates.
 - Considerations on recyclability
- Dr. Bernhard Kainz, Global Technology Leader Barrier Coatings, Dow Deutschland Anlagengesellschaft mbH*
- 11:55 **Plant-based, plastic-free & biodegradable coating for paper & cardboard packaging**
- Eliminating the use of harmful petrochemical and fluorochemical materials, including PFAS
 - Exemption from the EU Single Use Plastic Directive & can be applied using standard coating methods, offering strong grease, water & oxygen barrier properties suitable for various applications
- Scott Thompson, Head of R&D, Xampla*
- 12:30 Networking Luncheon
- 13:45 **Afternoon Chairperson's Welcome**
- 13:40 **Effect of Cycle Stages on the Properties of Metallized Barrier Paper**
- High humidity and mechanical stresses can degrade the barrier properties of metallized paper
 - Recent development have allowed to obtain paper with high resilience to these life cycle stresses
- Dr. Yves Wyser, Expert Packaging & Shelf Life, Nestlé Institute of Packaging Science, Nestlé Research*
- 14:05 **Plastic-free approaches to fiber packaging functionality**
- Deep dive into coating & how it has been applied to fibre packaging
 - Plastic-free classification under the SUPD
- Hoa Doan, Head of Sustainability & Impact, Notpla Limited / Skipping Rock lab*

- 14:30 **(Panel Discussion) What do current barrier technologies have in offerings, on plastic free & enhanced recyclability?**
- Hoa Doan, Head of Sustainability & Impact, Notpla Limited / Skipping Rock lab*

Scott Thompson, Head of R&D, Xampla

Dr. Bernhard Kainz, Global Technology Leader Barrier Coatings, Dow Deutschland Anlagengesellschaft mbH

Jochen Schlegel, Managing Director, JOS Consulting GmbH

Dr. Yves Wyser, Expert Packaging & Shelf Life, Nestlé Institute of Packaging Science, Nestlé Research

- 15:15 Networking & Afternoon Tea

PLASTIC-FREE & NOVEL APPROACHES TO PAPER FUNCTIONALITY

- 15:45 **Significance of combining PPWR & SUPD - How new technologies are instrumental in achieving these goals**
- Manuel Milliere, Founder / CEO, Pakpot*
- 16:10 **Take it or leave it? – Packaging for Food to Go**
- Identifying the need – food quality & consumer convenience
 - Technical challenges – from frozen to oven; 220 degrees of separation
 - Product solutions – brand presentation, information & consumer contentment
- Kevin Vyse, Head of Technical, ProAmpac RAP*
- 16:35 **Lignin-based solution for packaging papers**
- End-user application resulting from METNIN lignin refining technology.
 - Improved base-paper characteristics.
 - Bio-based solution to replace conventional chemistries in paper
- Sami-Pekka Rantanen, Sales Director, MetGen Oy*
- 17:15 Networking Cocktail for ALL Speakers & Participants
- 18:15 End of Day Two

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DAY 3 - 23 OCT 2024, WEDNESDAY

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09:00	Chairperson's Remarks	11:55	Designing & Developing Functional Barriers for Fiber-based Packaging Alternatives <i>Suhan Wang, Senior Technology Consultant - Consumer & Manufacturing, PA Consulting Group</i>
09:05	PFAS & alternative additives in fibre based FCM production & converting • PFAS regulations, sources & occurrence of PFAS in fiber based FCM • PFAS alternatives for converting • Recent research activities <i>Dr. Antje Harling, Head of Materials Testing & Analytics, Papiertechnische Stiftung (PTS) Forschungsstiftung der Papierindustrie</i>	12:30	Networking Luncheon
09:35	(Panel): What are the benefits derived from adapting to fiber-based packaging? <i>Manuel Milliere, Founder / CEO, Papkot</i> <i>Kevin Vyse, Head of Technical, ProAmpac RAP</i> <i>Sami-Pekka Rantanen, Sales Director, MetGen Oy</i> <i>Dr. Antje Harling, Head of Materials Testing & Analytics, Papiertechnische Stiftung (PTS) Forschungsstiftung der Papierindustrie</i>	13:55	Afternoon Chairperson's Welcome
10:15	Networking & Morning Coffee	14:00	Pulp Molding: Examining Wet & Dry Methods, Assessing Technology & Forecasting Development Opportunities • Delve into wet & dry pulp molding technologies, including pulp furnish, molding processes, tooling, machines & production capabilities • Describe functionalization opportunities in different methods • Provide insights into environmental performance of different technologies & end-of-life scenarios predetermined by them • Areas of application & development forecasts <i>Alexander Leo Bardenstein, Business Development Manager, Danish Technological Institute - DTI</i> <i>Alexey Vishtal, Head of Novel Packaging Development, MM Board & Paper GmbH</i>
		15:00	(Panel) Molded fiber solutions: Where & how can it fit? <i>Alexey Vishtal, Head of Novel Packaging Development, MM Board & Paper GmbH</i> <i>Olga Holzmann, Natural Fiber Specialist, Kiefel</i> <i>Nathalie Böttker-Lund, Head of Impact & Sustainability, Pulpac</i> <i>Suhan Wang, Senior Technology Consultant - Consumer & Manufacturing, PA Consulting Group</i> <i>Alexander Leo Bardenstein, Business Development Manager, Danish Technological Institute - DTI</i>

ADVANCES IN MOLDED PULP TECHNOLOGIES

10:55	Ways to create a barrier on your molded fiber product – A comparison • Possible barrier applications from wet-end addition to coating or lamination • Test results & experiences • Chances and development potential on barrier topics for molded fiber <i>Olga Holzmann, Natural Fiber Specialist, Kiefel</i>	16:00	Networking & Closing Tea
11:25	Adapting functional coatings to dry molded fiber <i>Anders Ahlbom, Chemistry & Materials Specialist, Pulpac</i>	17:00	End of Conference.

PPWR setting the boundaries for development & implementation of the functional fibre-based packaging

FUNCTIONAL FIBER-BASED MATERIALS & PACKAGING 2024

CMT's **Functional Fiber-Based Materials & Packaging 2024** conference, taking place in **Prague, Czech Republic** from **October 21-23, 2024**, is a must-attend event for paper and packaging industry professionals looking to stay ahead of the curve in sustainable packaging solutions. As the world moves away from single-use plastics, fiber-based materials are gaining popularity as a natural and renewable alternative.

This conference will provide attendees with valuable insights into the latest developments in functional coatings, plastic-free and recycling approaches, and molded pulp technologies for paper and fiber-based packaging. Participants will have the opportunity to network with industry experts, explore innovative solutions, and discover the practical implications of recent legislation updates such as PPWR and SUPD.

Attend this conference to gain a competitive edge in the rapidly evolving sustainable packaging market and contribute to the development of a more eco-friendly future. Don't miss this chance to be part of the conversation and drive the industry forward.

Key Highlights & What to Expect:

- Clarifications on PPWR, SUPD & Plastic Tax - how are they connected
- What are the practical implications from the latest legislation updates, on packaging & materials? Which formats & materials are likely to benefit from PPWR; which one are likely to suffer?
- How will the EPR & Recyclability Performance Grading be applied on various packaging materials/types?
- Developing functional but "plastic free" packaging: what are the opportunities & benefits derived from adapting or switching fiber based packaging?
- What do the current barrier technologies have to offer, towards plastic free & good recyclability?
- What are the gaps in the packing & filling technologies to enable transition from plastic to fibre-based options?
- What are the solutions for paper & board, molded fiber & conversion?
- From high barrier rigid plastic to fiber based packaging – conversion technologies to bridge the transition

FEES

FEES	EUR / per person
IN PERSON	
1-2 delegates	2395
3 or more delegates	1995
VIRTUAL	
Per Login	2095
Additional video recording	680

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