

4th INTERNATIONAL CIRCULAR PACKAGING CONFERENCE

16-17 October 2025,
Center Rog, Trubarjeva 72, Ljubljana, Slovenia & Online



ICP PULP AND PAPER
INSTITUTE, LJUBLJANA
Innovative Cellulose Products

FTPO
Faculty of
Polymer
Technology

PROGRAMME

Day 1 | 16 October

8:30 - 9:00	Registration and welcome coffee
9:00 - 9:15	Welcome speech (director of ICP, FTPO dean)
9:15 - 9:45	Fabian Barthel – Vytal: <i>Everyone Loves Reuse—Until It's Time to Reuse</i>
9:45 - 10:05	Jonathan Scheck – Interzero: <i>Wrapped in Assumptions? The Complex Truth About Recyclable Paper Packaging</i>
10:05 - 10:25	Zhanar Baishakova – Sustainnovation: <i>Beyond PPWR: The Future of Packaging</i>
10:25 - 10:40	Miran Baraga – DS Smith: <i>Rethinking Packaging: Cardboard Innovations Driving Circularity</i>
10:40 - 11:10	Coffee break
11:10 - 11:30	Jure Rejec – FSC International: PPWR & FSC in Circular Packaging – Alignments, Synergies and Practice
11:30 - 11:50	Daniel Schwendemann - IWK Institute for Materials Technology and Plastics Processing: <i>Potential of Paper in Plastics Industry</i>
11:50 - 12:10	Rebeka Nenadović – SIBO Group/Tuba Lajovic: <i>Flip Smart, Waste Less</i>
12:10 - 12:30	Janez Šubelj – LabelProfi: <i>Trend to Mono-Material Solutions</i>
12:30 - 12:50	Lars Sandberg – Blue Ocean Closures: <i>Next Generation High Density Cellulose Fiber as Replacement for Some Polymer Application</i>
12:50 - 13:10	Predrag Ozmo – Ball Corporation: <i>Sustainability and Strategy in Aluminium Packaging</i>
13:10 - 14:10	Lunch break
14:10 - 14:30	Valeria Frigerio – Nestlé: <i>Inside Packaging Sustainability @Nestlé Research</i>
14:30 - 14:50	Katerina Tsangari – Coca-Cola HBC: <i>Creating Value Through Circular Packaging</i>
14:50 - 15:10	Joerg Fischer – JKU Johannes Kepler University Linz: <i>Recycling of Plastic Packaging Waste - from Product Specifications to High-Performance Recyclates</i>
15:10 - 15:30	Aljaž But – Steinbeis PolyVert: <i>Designed to De-value. Why Mixing Multilayers & Vivid Pigments Breaks the PET/HDPE Circle</i>
15:30 - 15:50	Rudi Eswein – Plastrans: <i>Bioplastics in Packaging: A Future Full of Uncertainty</i>
15:50 - 16:00	Recap of the first day
16:00 - 16:30	Walk through Ljubljana center
16:30 - 17:30	Lab tour ICP
19:00 - 21:00	Conference dinner (Vodnikov hram, Vodnikov trg 2, Ljubljana)

PROGRAMME

Day 2 | 17 October

8:30 - 9:00	Registration and coffee
9:00 - 9:10	Welcome speech
9:10 - 9:30	Manica Ulčnik Krump – Interzero Plastics Innovation: <i>Innovating for Impact: Turning Post-Consumer Plastic Packaging Waste Challenges into Circular Opportunities</i>
9:30 - 9:50	Martin Ocepek – Helios Resins: <i>Synthetic resins for sustainable metal packaging coatings</i>
9:50 - 10:10	Deniz Turan Kunter – Wageningen University & Research: <i>Towards Circular Food Packaging: Aligning Innovation, Sustainability and Regulatory Requirements</i>
10:10 - 10:30	Diego Fort – Cargill: <i>Paving the Way towards “Paperization” with Cargill™ Barrier Coatings</i>
10:30 - 10:50	Tine Žlebnič – Echo: <i>Biodegradation Measurements of Different Materials using Automatic Spirometers: Case Studies and Insights</i>
10:50 - 10:55	Dragan Šarčević – tesa: <i>tesa® Paper-based Solutions - the Journey Continues</i>
10:55 - 11:30	Coffee break
	ADVANCED (BIO)-BASED FILMS
11:30 - 11:40	Sanja Mahović Poljaček : <i>Starch/BNC Composite Films Enriched with Anthocyanins: Surface, Water Vapour Permeability and Colorimetric Properties</i>
11:40 - 11:45	Patricija Skrivarnik : <i>Mango Peel-Derived Pectin Films for Sustainable Antibacterial Packaging Applications</i>
11:45 - 11:50	Silvester Bolka : <i>Closing the Loop: Sustainable Composite Materials from Post-Consumer Agricultural Films as a Replacement for Conventional Raw Materials</i>
11:50 - 11:55	Fideline Tchuenbou-Magaia : <i>Towards Engineering Smart Eco-Packaging from Food System Waste</i>
11:55 - 12:00	Mirica Karlovits : <i>The Influence of Solar Spectrum on Optical Properties of Printed Effect Pigments</i>
	COATINGS AND BARRIER SOLUTIONS
12:00 -12:10	Frédéric Debeaufort : <i>Influence of the Relative Humidity on Carrageenan-Based Coatings for Improved Bio-Based and Biodegradable Packaging for Fish Products</i>
12:10 -12:20	Kerstin Müller : <i>PHA and PLA Dispersions as Biodegradable Sealing Lacquers for Paper-Based Barrier Packaging</i>
12:20 -12:30	Zeinab Qazanfarzadeh : <i>Valorisation of Food Loss into Sustainable Active Packaging: Polylactic Acid Coating with Artichoke Leaf Extract and Carboxymethyl Cellulose</i>
12:30 -12:35	Frédéric Debeaufort : <i>Optimization of Films for Enhanced Barrier Properties of Biodegradable Packaging</i>
12:35 -12:40	Pieter Samyn : <i>Biowax Impregnation of Flexible Packaging Papers with High Transparency and Recyclability</i>
12:40 -12:45	Patricija Pevec : <i>Cellulose Nanofibrils as Functional Additives in Bio-Based Barrier Coatings for Paper Packaging</i>
12:45 -12:50	Gabriela Campos : <i>Bioplastics Based on Potato and Coffee By-Products for Active Cardboard Coating</i>
12:50 -12:55	Elisângela Gonçalves : <i>Avocado Seed-Derived Bioplastics as Active Coatings for Cardboard</i>

	LIGNO-CELLULOSIC PACKAGING MATERIALS
12:55 - 13:05	<i>Vanja Kokol: Thermally Conductive Cellulose-Based Substrates for Flexible Electronics</i>
13:05 - 13:15	<i>Gregor Čepon: A Novel Characterization of the Mechanical Properties of Paper-Based Materials</i>
13:15 - 13:20	<i>Chiara Czibula: A Novel Dewatering Test Method for Evaluating Fiber Mixtures Used for Molded Pulp Packaging Production</i>
13:20 - 13:25	<i>Idalina Gonçalves: Upcycled Cardboard By-Products as Functional Additives in Thermoplastic Starch-Based Bioplastics</i>
13:25 - 13:30	<i>Francisco Silva: Safety Assessment of Chemically Modified Lignin for Food Packaging Applications</i>
13:30 - 14:15	Lunch break
	CIRCULAR MODELS, POLICY, AND CONSUMER INSIGHT
14:15 - 14:25	<i>Gregor Radonjič: Comparative Analysis of Life Cycle Impact Assessment Methods for Packaging Products</i>
14:25 - 14:35	<i>Igor Karlovits: Extended Producer Responsibility for Packaging–Industry Perspective From a Global Company</i>
14:35 - 14:40	<i>Mara Strenger: Consumer Perception and Acceptance of Bio-Based Packaging: Insights from a Qualitative Study</i>
14:40 - 14:45	<i>Mara Strenger: Sustainable Packaging Assessment – A More Holistic Methodology for Sustainability Assessment of Food Packaging</i>
14:45 - 14:50	<i>Natasha Daniloska: Towards a Circular Economy: A Comprehensive Review of Circular Business Models</i>
14:50 - 14:55	<i>Nemanja Kasikovic: Braille and Digital Printing in Packaging and Accessible Design</i>
	ADVANCES IN SUSTAINABLE POLYMERS
14:55 - 15:05	<i>Aleksandra Nešić: Mechanical Properties of Binary Polyester Blends</i>
15:05 - 15:10	<i>Moritz Mager: Beyond Object-Based Sorting: Why Heterogeneous Rigid PP Packaging Requires Systemic Solutions</i>
15:10 - 15:15	<i>Rebeka Lorber: Closing the Loop: Mixed PET and PLA Waste to Blends with Improved Recycling Potential</i>
15:15 - 15:20	<i>Hannah Zeilinger: Assessment of Material Composition and Color Distribution in Post-Consumer Polypropylene Bales</i>
15:20 - 15:25	<i>Silvester Bolka: A Circular Approach to Hydroponics: Upcycled Polypropylene and Coconut Fiber Waste as Sustainable Growth Medium</i>
15:25 - 15:30	<i>Laura Andrea Cabrera-Villamizar: Formulation and Environmental Impact Evaluation of Sustainable PHBV/PBAT/Rice Straw Composites</i>
15:30 - 15:35	<i>Gojko Vladić: Electronic Packaging Movement Sensor in an Intelligent Packaging System</i>
15:35 - 15:40	<i>Irena Pulko: Be-UP: EU-funded Project to Drive Innovation in Sustainable Packaging</i>
15:40 - 15:50	Closing remarks

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