

2022 TAPPI European PLACE Conference Program  
10 – 12 October, 2022 Sheraton Bratislava Hotel, Bratislava, Slovakia

(Status as of 08 October, 2022)

Monday, 10 October 2022							
11:00 – 12:00	<b>Lunch</b> <i>Room: Ballroom I and II Foyer</i>						
12:00 – 12:15	<b>Opening/Welcome Remarks</b> Günter Schubert, <i>Speira</i> <i>Room: Ballroom I &amp; II</i>						
12:15 – 13:00	<b>Opening Address: The Importance of Food-Grade Recyclates for the Circular Plastic Economy</b> Professor Horst-Christian Langowski, <i>IVV</i> <i>Room: Ballroom I &amp; II</i>						
13:00 – 14:30	<b>Session 1 – Packaging and Society</b> <b>Session Chair:</b> Petra Hollacher, <i>INEOS Koeln GmbH</i> <i>Room: Ballroom I &amp; II</i>						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; vertical-align: top;">13:00 – 13:30</td> <td><b>Quantifying Sustainable Packaging</b> Prof. Dirk Burth, <i>Hochschule München</i></td> </tr> <tr> <td style="text-align: center; vertical-align: top;">13:30 – 14:00</td> <td><b>Carbon Footprint of Cold Cut Meat Packages and Role of Packaging in Elimination of Food Waste</b> Frans Silvenius, <i>LUKE, Finland</i></td> </tr> <tr> <td style="text-align: center; vertical-align: top;">14:00 – 14:30</td> <td><b>Wave of Packaging Regulation Rolls through the EU</b> Dr. Martin Engelmann, <i>IK Germany</i></td> </tr> </table>	13:00 – 13:30	<b>Quantifying Sustainable Packaging</b> Prof. Dirk Burth, <i>Hochschule München</i>	13:30 – 14:00	<b>Carbon Footprint of Cold Cut Meat Packages and Role of Packaging in Elimination of Food Waste</b> Frans Silvenius, <i>LUKE, Finland</i>	14:00 – 14:30	<b>Wave of Packaging Regulation Rolls through the EU</b> Dr. Martin Engelmann, <i>IK Germany</i>
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14:30 – 15:00	<b>Coffee Break</b> <i>Room: Ballroom I &amp; II Foyer</i>						
15:00 – 16:30	<b>Session 2 – Paper-based or Plastic Film?</b> <b>Session Chair:</b> Linda Van den Bosche, <i>ExxonMobil Chemical Europe Inc.</i> <i>Room: Ballroom I &amp; II</i>						
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17:00 – 18:00	<b>Session 3 – Innovation Counter</b> <b>Session Chair:</b> Günter Schubert, <i>Speira</i> <i>Room: Ballroom I &amp; II</i>						
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		<p><b>Exceed™ Performance Polyethylene for Very Thin Coating Weight</b> Linda Van den Bossche, <i>ExxonMobil Chemical Europe</i></p> <p><b>High Performance Extrusion Coating LDPE Development with Differentiated Sealing and Adhesion Performance</b> Anna Helgert, <i>Dow</i></p> <p><b>Ionomer for Extrusion Coating – What’s Really New Here?</b> Jacques D’Heur, <i>INEOS</i></p> <p><b>SCGC Barrier Coating Innovation for Monomaterial Plastic Packaging</b> Kitjanit Neranon, <i>SCGC</i></p> <p><b>Film Inspection: The Influence of and Needs for Inspection on Recycling Films and New “Green” Polymer Grades</b> Oliver Hissmann, <i>OCS Optical Control Systems GmbH</i></p>
18:30 – 20:00	<p><b>Welcome &amp; Tabletop Reception</b> <i>Room: Winter Garden</i></p>	
<p><b>Tuesday, 11 October 2022</b></p>		
08:30 – 10:00	<p><b><u>Session 4 – Extrusion Coating – New Approaches</u></b> <b>Session Chair:</b> Sven Sangerlaub, <i>Hochschule Munchen, IVV</i> <b>Room:</b> <i>Ballroom I</i></p>	<p><b><u>Session 5 – Advanced Coatings Exchange</u></b> <b>Session Chair:</b> Johanna Lahti, <i>VTT</i> <b>Room:</b> <i>Ballroom II</i></p>
	<p>08:30 – 09:00</p> <p><b>Extrusion Coating Versus Adhesive Lamination – A Comparison Study</b> Louis Piffer, <i>Davis Standard</i></p>	<p><b>Lab to Pilot Upscaling of Novel Bio-based and Bio-degradable Barrier Coatings for Packaging</b> Vinay Kumar, <i>VTT</i></p>
	<p>09:00 – 09:30</p> <p><b>Using Aquapak’s Hydropol Polymer in Extrusion Coating for Functional Packaging Design and Multiple End of Life Options</b> David Meadows, <i>Aquapak Polymers</i></p>	<p><b>Pilot Studies of Temperature Profiles of Barrier Coated Board During Drying</b> Peter Ratto, <i>RISE AB</i></p>
	<p>09:30 – 10:00</p> <p><b>Bioproductivity</b> Andrew Christie, <i>SAM North America</i></p>	<p><b>Water-based Dispersion Coatings Containing Tetraethylorthosilicate: Wax-free High Moisture Barriers</b> Behudin Mesic, <i>Karlstadt University</i></p>
10:00 – 10:30	<p><b>Coffee Break</b> <i>Room: Ballroom I &amp; II Foyer</i></p>	

10:30 – 12:00	<b><u>Session 6 – Leaving Beaten Tracks in Recycling</u></b> <b>Session Chair:</b> Davide Pomati, <i>Bobst Italia S.p.A.</i> <b>Room:</b> <i>Ballroom I</i>	<b><u>Session 7 – Sealing - Simulation and Performance</u></b> <b>Session Chair:</b> Günter Schubert, <i>Speira</i> <b>Room:</b> <i>Ballroom II</i>
10:30 – 11:00	<b>Rheological Techniques for Mechanical Recycling of Plastics: Two Case Studies</b> Sylvie Vervoort, <i>Dow</i>	<b>Optimized Design Process of Peelable Heat-treated Packages</b> Johanna Wolf, <i>IVV Dresden</i>
11:00 – 11:30	<b>Multilayer Film Structures Containing Polyamides Are Recyclable</b> Rolf-Egbert Gruetzner, <i>BASF</i>	<b>Pareto-based Approach for Comparing and Evaluating Packaging Films for Heat Sealing Applications in Packaging Machines</b> Peter Gellerich, <i>TU Dresden</i>
11:30 – 12:00	<b>Addressing the Design for Recyclability Challenge</b> Timoteo Ruppenthal, <i>Milliken</i>	<b>New Packaging Materials Need Processing Innovations</b> Ralph Jänchen, <i>IVV DD</i>
12:00 – 12:10	<b>Poster Introduction</b> <b>Room:</b> <i>Ballroom I</i>	
12:10 – 13:45	<b>Lunch +15 min</b> <b>Room:</b> <i>Brasserie Anjou</i>	
13:45 – 15:00	<b><u>Session 8 – Poster Session + 15 min</u></b> <b>Room:</b> <i>Connections</i> <p> <b>Oxygen and moisture barrier for packaging application: The impact of different pre-coating conditions</b>  Beko Mesic, <i>Karlstadt University</i> </p> <p> <b>Determination of diffusion coefficients of additives in viscous coating materials</b>  Dirk Burth, <i>Munich University of Applied Sciences</i> </p> <p> <b>Aluminium Foil in Packaging Processes-Really Inert?</b>  Günter Schubert, <i>Speira</i> </p> <p> <b>Novel Transparent Cellulose Film in Food Packaging</b>  Vesa Kunnari, <i>VTT Technical Research Centre of Finland Ltd.</i> </p> <p> <b>New Packaging Materials NEED Processing Innovations</b>  Ralph Jänchen, <i>Fraunhofer IVV Dresden</i> </p> <p> <b>Can one productively coat bio-polymers and LDPE on one extrusion coating machine?</b>  Andrew W. Christie, <i>SAM North America</i> </p> <p> <b>Innovative Processing Technologies for Bio-based Foamed Thermoplastics</b>  Johanna Lahti, <i>VTT Finland</i> </p> <p> <b>Tailored Polymer Piloting Facilities</b>  Johanna Lahti, <i>VTT Finland</i> </p> <p> <b>Evaluating the Potential and Technical Criteria for Recycling Coated Packaging Papers</b>  Pieter Samyn, <i>SIRRIS Smart Coating Application Lab (presented by Bram Bamps)</i> </p>	

		<p><b>Pareto-based approach for analysis and optimization of manufacturing and converting processes</b> Peter Gellerich, <i>TU Dresden</i></p> <p><b>Environmental Benefits of Reusable Food Packaging</b> Pooja Yadav, <i>Luke Helsinki</i>,</p> <p><b>Web Inspection System FSP600</b> Oliver Hissmann, <i>OCS</i></p> <p><b>Recycled versus Virgin Polypropylene</b> Sven Sangerlaub, <i>Munich University of Applied Sciences HM</i></p> <p><b>Yogurt Packaging in Germany – A Market Study</b> Sven Sangerlaub, <i>Munich University of Applied Sciences HM</i></p>	
15:00 – 16:30		<p><b>Session 9 – Challenges with Recycled or Alternative Materials</b> <b>Session Chair:</b> Linda Van den Bossche, <i>ExxonMobil Chemical Europe Inc.</i> <b>Room:</b> Ballroom I</p>	<p><b>Session 10 – Basics of Extrusion Coating I</b> <b>Session Chair:</b> Auli Nummila-Pakarinen, <i>Borealis, FIN</i> <b>Room:</b> Ballroom II</p>
	15:00 – 15:30	<p><b>Finding the Molecular Needle in the Regrind Haystack: Rapid Analytics of Volatile Markers of Contamination in Recyclates</b> Jonathan Beauchamp, <i>IVV</i></p>	<p><b>Conveying Pellets – Angel Hair and Snake Skin</b> Otto Plassmann, <i>Retired</i></p>
	15:30 – 16:00	<p><b>Safety Assessment of Recycled Plastics for Food Packaging Application</b> Elisa Mayrhofer, <i>OFI Vienna</i></p>	<p><b>Extrusion Coating Screw Design for the Non-Screw Designer</b> Louis Piffer, <i>Davis Standard</i></p>
	16:00 – 16:30	<p><b>PHBV/PHB Extrusion Coating on Paper – Market Ready Yet?</b> Sven Sangerlaub, <i>Hochschule Munchen, IVV</i></p>	<p><b>Feedblock &amp; Die Technology for Co-Extrusion Coating</b> Andrew Christie, <i>SAM North America</i></p>
16:30 – 17:00	<p><b>Coffee Break</b> <b>Room:</b> Ballroom I &amp; II Foyer</p>		
17:00 – 18:30		<p><b>Session 11 – Circularity News</b> <b>Session Chair:</b> Esra Kucukpinar, <i>Fraunhofer Institute</i> <b>Room:</b> Ballroom I</p>	<p><b>Session 12 – Basics of Extrusion Coating II</b> <b>Session Chair:</b> Bernard Fehr, <i>Retired</i> <b>Room:</b> Ballroom II</p>
	17:00 – 17:30	<p><b>Solutions for Circular and Lower Carbon Footprint Packaging</b> Anastasios Vadolas, <i>Dow</i></p>	<p><b>More Gloss – Less Friction An Impossible Combination?</b> Petra Hollacher, <i>INEOS</i>, Matthias Tannebaum, <i>Vila</i></p>
	17:30 – 18:00	<p><b>Potential &amp; Challenges of Vegan Packaging</b> Zoltan Bakonyi, <i>V-Label</i></p>	<p><b>Extrusion Coating Line and Web Feed</b> Davide Pomati, <i>Bobst Italia S.p.A.</i></p>
	18:00 – 18:30	<p><b>Fully Circular Polyolefins in Extrusion Coating – Mission Not so Impossible</b> Elfie Mechaussie and Christophe Baranowski, <i>INEOS, B</i></p>	<p><b>Comparing Behaviour of Polyethylene and Polypropylene Grades for Extrusion Coating - Experiences and Explanations</b> Auli Nummila-Pakarinen, <i>Borealis, FIN</i></p>

19:30 – 23:00	<b>Evening Event at UFO</b> <i>*Buses will depart from the Sheraton Lobby, see Networking Events on page 3 for bus schedule.</i>	
<b>Wednesday, 12 October 2022</b>		
09:00 – 10:30	<b>Session 13 – Design for Recyclability and Barrier</b> <b>Session Chair:</b> Otto Plassmann, <i>Retired</i> <b>Room:</b> Ballroom I	
	<b>Session 14 – New Paths to Packaging Function</b> <b>Session Chair:</b> Petra Hollacher, <i>INEOS Koln GmbH</i> <b>Room:</b> Ballroom II	
	09:00 – 09:30 <b>Design for Recycling, PP Mono-materials by Extrusion Lamination with Focus on Adhesion</b> Takahiro Maeda, <i>Mitsui</i> and Auli Nummila-Pakarinen, <i>Borealis</i>	<b>Multilayer Barrier Paperboard Based on Nanocellulose and Biodegradable Thermoplastics</b> Johanna Lahti, <i>Tampere University</i>
	09:30 – 10:00 <b>Thin Barrier Coatings for Recyclable PE Packaging</b> Joachim Laun, <i>ExxonMobil</i>	<b>Production of All Cellulose Barrier Packaging Materials Recyclable and Biodegradable Using Two Processes: MFC Wet Lamination and Chromatogeny Grafting</b> Claire Monot et al., <i>CTP Grenoble, F</i>
	10:00 – 10:30 <b>Circularity in Flexible Packaging: Challenges and Opportunities</b> Esra Kucukpinar, <i>IVV Freising</i>	<b>Hierarchical Materials Based on Nanocellulose and Poly(lactic acid)</b> Manon Guivier, <i>AgroParisTech, F</i>
10:30 – 11:00	<b>Coffee Break</b> <b>Room:</b> Ballroom I & II Foyer	
11:00 – 12:30	<b>Session 15 – Packaging Integrity</b> <b>Session Chair:</b> Linda Van den Bossche, <i>ExxonMobil Chemical Europe Inc.</i> <b>Room:</b> Ballroom I & II	
	11:00 – 11:30 <b>Barrier Robustness of Aluminium Foil</b> Günter Schubert, <i>Speira</i>	
	11:30 – 12:00 <b>Barrier Measurement of Package Compartments</b> Andreas Roos, <i>Ametek Mocon</i>	
	12:00 – 12:30 <b>Shelf Life and Barrier Calculation for Packaging Dummies</b> Sven Sangerlaub, <i>Hochschule Munich, IVV</i>	
12:30 – 13:00	<b>Closing Remarks</b> <b>Room:</b> Ballroom I & II	
13:00 – 14:30	<b>Lunch</b> <b>Room:</b> Brasserie Anjou	
14:30 – 16:00	<b>Post Conference Meeting</b> ( <i>open to all participants</i> ) <b>Room:</b> Ideas	