

2017 TAPPI European PLACE Conference Program
 22 – 24 May, 2017 – Swissôtel Le Plaza Basel, Basel, Switzerland
 Preliminary as of 26April

<u>Monday, 22 May 2017</u>	
11:00 – 12:00	Lunch
12:00 – 12:15	Opening/Welcome Remarks
12:15 – 13:50	Session 1 - Packaging and Society <i>Session Chair: Guenter Schubert, Hydro Aluminium Rolled Products GmbH</i>
12:15 – 13:00	Keynote Address – The Changing Global Retail Market and its Impact on Packaging: Modern Consumers and the Road Ahead <i>Ronald Sasine, Hudson Windsor</i>
13:00 – 13:25	The Safe Use of Extrusion Coating and Lamination for Producing Food Contact Materials <i>John Dixon, Flexible Packaging Europe (FPE)</i>
13:25 – 13:50	Easy Opening and Legible Packaging: Senior's Preferences and Limitations <i>Selcuk Yildirim, Susanna Wenk, Christine Brombach, Zurich University of Applied Sciences</i>
13:50 – 14:20	Coffee Break
14:20 – 15:35	Session 2 – High Performance Coating <i>Session Chair: Otto Plassmann, INEOS O&P Europe</i>
14:20 – 14:30	Extrusion Coating Manual <i>Warren Durling, Clorox Services Company</i>
14:30 – 14:45	Aluminium foil in the quandary of high speed extrusion coating and adhesion performance <i>Guenter Schubert, Hydro Aluminium Rolled Products GmbH</i>
14:45 – 15:10	New LDPE Based Solutions for Running Faster Line Speeds in Extrusion Coating <i>Eva-Marie Kupsch, Dow Europe GmbH</i>
15:10 – 15:35	Full PE Laminates by Extrusion Coating and Lamination <i>Auli Nummila-Pakarinen, Borealis Polymers Oy</i>
15:35 – 16:05	Coffee Break
16:05 – 17:20	Session 3 – Tie Resins and Adhesion in a New Light <i>Session Chair: Didem Oner-Deliormanli, The Dow Chemical Company</i>

	16:05-16:30	Understanding Adhesion in Flexible Packaging and Relevance for Converters <i>Esra Kucukpinar, Fraunhofer Institute for Process Engineering and Packaging</i>
	16:30-16:55	Adhesion in Extrusion Coating: The X-Factor <i>Erik Bijleveld, Yparex B.V.</i>
	16:55-17:20	Adhesion Development in Extrusion Coating vs Adhesive Lamination <i>Clio Cocquet, ARKEMA</i>
17:20-17:50	Coffee Break	

17:50-18:50	Session 4 – Innovation Counter <i>Session Chair: Guenter Schubert, Hydro Aluminium Rolled Products GmbH</i>	
	<p>Expanding and Evolving Packaging Performance for Food and Beverage Industry Partners <i>Carolina Gregorio, Dow Europe GmbH</i></p> <p>Davis-Standard’s New Ironing Roll Winder <i>R. Duane Smith, Davis-Standard</i></p> <p>Innovative Heating Technology for Precise Temperature Control in Sealing and Thermoforming Processes <i>Sascha Bach, TU Dresden/watttron GmbH</i></p> <p>Beyond Film Inspection – Modern Data Management <i>Oliver Hissmann, OCS Service GmbH</i></p> <p>Applied Industry 4.0 in the Polymer Film Industry <i>Michael Kohlert, Mondi Gronau GmbH</i></p> <p>TBA <i>Guenter Schubert, Hydro Aluminium Rolled Products</i></p> <p>TBA <i>TBA</i></p> <p>TBA <i>TBA</i></p>	

18:50-20:00	Reception
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Tuesday, 23 May 2017

08:30-10:10	Session 5—Curse and Blessing of High Performance Coating <i>Session Chair: Eva-Maria Kupsch, Dow Europe GmbH</i>	Session 6– Packaging Design – Process and Performance <i>Session Chair: Auli Nummila-Pakarinen, Borealis Polymers Oy</i>
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	08:30-08:55	Process Conditions & Procedures to Minimize Waste and Increase Efficiency for Extrusion Coating and Laminating <i>Tom Bezigian, PLC Technologies Consulting Company</i>	Novel Equipment to Simulate Hot Air Heat Sealability of Packaging Materials <i>Johanna Lahti, Tampere University of Technology</i>
	08:55-09:20	The Challenge of Tracking NIAS in Food Contact Materials <i>Carina Gehring, IVV Freising</i>	Influence of Packaging on Shelf-Life - What Packaging Producers Need to Know <i>Sven Sangerlaub, Matthias Reinelt, Kajetan Muller, Astrid Pant, Fraunhofer Institut fur Verfahrenstechnik und Verpackung IVV, Freising</i>
	09:20-09:45	Hydrocarbons from Polyolefins as Food Contaminants <i>Thomas Simat, Martin Lommatzsch TU Dresden; Maurus Biedermann, Konrad Grob, Official Food Control Authority of the Canton of Zurich</i>	Predetermination of Opening Forces for Peelable Packages Considering Material- and Test-Parameters <i>Ina Schreib, Roland Kiese, Jens-Peter Majschak, Fraunhofer IVV; Marta Asturias, Katrin Reincke, Martin-Luther-Universitat Halle-Wittenberg</i>
	09:45-10:10	Conservation of the Key Properties of Polyolefins during Melt Conversion <i>Catherine Malchaire and Thomas Schmutz, Songwon International AG; J. D. Kim, HeeJung Kwon, K. Keck, Songwon Industrial</i>	Thin Film Thermocouples for Quality Control when Heat Conductive Sealing <i>Ralph Jaenchen, IVV Dresden; Alexander Fromm IWM Freiburg</i>
10:10-10:40	Coffee Break		
10:40-12:10	Session 7—Sealing - Modelling and Implementation <i>Session Chair: Sven Saengerlaub, Fraunhofer IVV</i>		Session 8—Web Handling and Equipment <i>Session Chair: TBA</i>
	10:40–11:05	Modelling and Simulation of Non-Steady Thermal Behaviour of Heat Sealing Tools <i>Norbert Bunk, Jens-Peter Majschak, Technische Universitat Dresden ; Sascha Bach , watttron GmbH</i>	New Tunable Coextrusion Feedback Technology <i>Sam Iuliano, Nordson EDI</i>
	11:05–11:30	Polyethylene, Acid Copolymer and Ionomer Sealants on Aluminium Foil - What Really Makes Them Different? <i>Guenter Schubert, Hydro</i>	Web Handling and Tension Control Solutions in Flat-Die Extrusion Processes <i>Bruno Tagliabue and Riccardo Castello, Amut Dolci Bielloni Srl</i>

		<i>Aluminium Rolled Products GmbH</i>	
	11:30– 11:55	New Clean High Performance Sealant Offers, with Improved Efficiencies in Both Extrusion and Packaging Lines <i>Bernard Fehr, Dow Europe GmbH</i>	Challenges in Web Handling <i>R. Duane Smith, Davis-Standard LLC</i>

11:55 12:10	Poster Introductions
12:10 13:30	Lunch
13:30 15:15	<p>Session 9—Poster Session and Coffee <i>Session Chair: Guenter Schubert, Hydro Aluminium Rolled Products GmbH</i></p> <p>Predetermination of Opening Forces for Peelable Packages Considering Material-and Test-Parameters Roland Kiese and Ina Schreib, IVV Dresden</p> <p>Thin Film Thermocouples for Quality Control when Heat Conductive Sealing <i>Ralph Jänchen, Alexander Fromm Fraunhofer Institute for Process Engineering and Packaging IV</i></p> <p>SYMBIEXT™ and DUPLEX ONE SHOT™: Rethinking Adhesive Lamination for Flexible Packaging <i>Daniele Vinci, AFM Dow Europe GmbH</i></p> <p>Innovative Heating Technology for precise Temperature Control in Sealing and Thermoforming Processes Sascha Bach , watttron GmbH</p> <p>Novel Bio-based Materials for Active and Intelligent Packaging <i>Johanna Lahti, Tampere University of Technology</i></p> <p>How Complete Do Coatings Bond to Aluminium Foil in Packaging? <i>Guenter Schubert, Hydro Aluminium Rolled Products GmbH</i></p> <p>Relevance of the True Temperature for the Hot Tack in Flexible Packaging <i>Guenter Schubert, Hydro Aluminium Rolled Products GmbH</i></p> <p>Active Label: Development and application of novel oxygen scavenging label Sven Sänglerlaub, Fraunhofer IVV</p> <p>Development of ultra barrier films using atomic layer deposition Sven Sänglerlaub, Fraunhofer IVV</p> <p>Water Vapor Barrier Properties of Extrusion Laminated Biodegradable PHBVs Esa Suokas, TUT</p>

15:15 16:30	Session 10—Adhesive Breakthrough Technology <i>Session Chair: Clio Cocquet, Arkema</i>	Session 11—Sustainability Solutions <i>Session Chair: Johanna Lahti, Tampere University of Technology</i>
15:15-15:40	Ultra-low-monomer Solvent-Based Laminating Adhesives - A Step Change in Food Safety <i>Roberto Pela, Henkel AG & Co. KGaA</i>	Sustainable Approaches in Flexible Packaging: Effect of Smart Downgauging in Seal Performance <i>Jacques Roulin, DuPont de Nemours Intl Sarl</i>
15:40-16:05	Adhesive Lamination: New Technology in Solventless Lamination or An innovation in solvent less lamination technology allowing for quick curing and other significant advantages <i>Giancarlo Caimmi, Nordmeccanica SPA</i>	Bio-based Multilayer Barrier Films for Food Packaging <i>Mika Vähä-Nissi, VTT</i>
16:05-16:30	SYMBIEX™ and DUPLEX ONE SHOT™: Rethinking Adhesive Lamination for Flexible Packaging <i>Daniele Vinci, AFM Dow Europe GmbH</i>	Enabling the Circular Economy in Flexible Packaging Recycling <i>Didem D. Oner-liormanli, The Dow Chemical Company</i>

16:30-18:15	Session 12: Table Top Walk Session Chair: Bernard Fehr, Dow Europe GmbH
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19:00-23:00	Evening Event at Bottmingen Castle
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Wednesday, 24 May 2017

09:00-10:40	Session 13 – Tip and Nip <i>Session Chair: Otto Plassmann, INEOS O&P Europe</i>	
09:00 – 09:25	Phenomena Characterizations when Solid Polymer Materials are Exposed to Dynamical Deformation <i>Erik Bergvall, Tetra Pak Packaging Material; Ion Postoaca, Hobblex AB</i>	
09:25 – 09:50	Extrusion Coating and Lamination Nip Characteristics Variation for Different Nip Roll Covering Material and Process Parameters - An Experimentally Study <i>Stefan Breidenbach, Felix Bottcher GmbH & Co. KG Ion Postoaca,</i>	

		<i>Hobblex</i>
	09:50 - 10:15	Design Optimization of a T-slot Die to Minimize Edge Thickening Using SolidWorks Flow Simulation <i>Michael Schroeder, Er-We-Pa</i>
	10:15- 10:40	Neck-in and Edge Forming Phenomenon in Extrusion Coating - Utilization of Representative Non-dimensional Numbers <i>Ion Postoaca, Hobblex</i>
10:40- 11:10	Coffee Break	
11:10- 12:25	Session 14 – Looking Behind the Curtain <i>Session Chair: Bernard Fehr, Dow Europe GmbH</i>	
	11:10- 11:35	Effect of Air Gap on the Adhesion of PET Layer on Cardboard Substrate in Extrusion Coating <i>Esa Soukas, Tampere University</i>
	11:35- 12:00	Disclosed Modeling Package: Tool for Molecular Architecture Serving LD Coating Application <i>Kanyanut Narkchamnan, SCG Chemicals Co., Ltd</i>
	12:00- 12:25	Modeling the Effect of Polymer Rheological Properties on Curtain Behavior in Extrusion Coating <i>Silvie Vervooert, Dow Benelux B.V.</i>

12:25- 12:35	Few Words
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12:35 – 14:00	Lunch
14:00- 17:00	Excursion (<i>optionally</i>)
17:00- 18:00	Post Conference Meeting (<i>open to all</i>)