

14th TAPPI European PLACE Conference Program
6 – 8 May, 2013 – Swissotel, Dresden, Germany

<u>Monday, 6 May 2013</u>	
8:00 – 20:30	Registration
12:00 – 12:15	Opening Session—Rhein I
12:15 – 13:30	Session 1 - New Concepts—Machine—Products <i>Session Chair: Günter Schubert, Hydro Aluminium Rolled Products GmbH</i>
	12:15– 12:40 Ideas about machinery for packaging <i>Prof. Jens-Peter Majschak, Fraunhofer AVV</i>
	12:40– 13:05 Modular Concepts for PE Decor Coating and Extrusion Lamintion <i>Bernard Fehr, DOW Europe GmbH</i>
	13:05– 13:30 Polyamide as functional barrier against mineral oil migration from ca <i>Rolf-Egbert Grützner, BASF SE</i>
13:30 – 14:00	Coffee Break
14:00 – 15:15	Session 2 – Extrusion Coating—Tips and Tricks <i>Session Chair: Beth Foederer, Optex Solutions</i>
	14:00– 14:25 What Should You Know about Metallocene (Single Site) Catalysts and Products <i>Arja Lehtinen and Erkki Laiho, EhoPlace Oy</i>
	14:25– 14:50 Differences between LDPE and PP start up and polymer change behaviour <i>Mikko Peltovuori, Borealis Polymers Oy</i>
	14:50– 15:15 Automatic job change on Extrusion Lines - Dream, reality or challenge? <i>Davide Pomati, Bobst Italia SpA</i>
15:15– 15:45	Coffee Break
15:45– 16:35	Session 3 - Novelty Extrusion Process and PE <i>Session Chair: Auli Nummila-Pakarinen, Borealis Group</i>
	15:45- 16:10 Optimizing High-Speed-Screws for Applications requiring high Melt Temperatures <i>Heinrich Hörmann, University of Paderborn</i>

	16:10-16:35	High Speed Extrusion for Coating and Laminating <i>Christine Ronaghan, Davis Standard, LLC</i>
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13:45 – 16:00	Session 3 - Novelty Extrusion Process and PE Continued <i>Session Chair: Auli Nummila-Pakarinen, Borealis Group</i>	
	16:35-17:00	Improving Oxidation of the Extrusion Melt at Higher Line Speeds and Lower Melt Temperatures <i>Rob Hammond, Mica Corporation</i>
	17:00-17:25	New Generation LDPE Coating Resins <i>Karl Zuercher, DOW Europe GmbH</i>
	17:25-17:45	Coffee Break

17:45-18:45	Innovation Counter (logos will be located on the page below this)
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Tuesday, 7 May 2013

08:30-10:10	Session 5—Sustainability—Rhein I <i>Session Chair: Linda van den Bossche, Exxon Mobil</i>		Session 6– Thin Layer Technology—Rhein II <i>Session Chair: Sven Sangerlaub, Fraunhofer IVV</i>	
	08:30-08:55	ASSET™: A Product Sustainability Stewardship Tool <i>Isabelle Jenny, Amcor Flexibles</i>	Nanoscale Surface Modification of Extrusion Coated Paperboard and Plastic Films with Atmospheric Plasma Technology <i>Johanna Lahti, Tampere University</i>	
	08:55-09:20	Renewable and Compostable Coatings <i>Stefano Facco, Novamont SpA</i>	Improving the effect of a nanoscale barrier coating on BOPP film properties by surface pretreatments <i>Kimmo Lahtinen, Lappeenranta University</i>	
	09:20-09:45	XXXXXXXXXXXX <i>Ron Balk, Hao Ding, Sabic Europe</i>	Safety Aspects of Polymer Films with Atomic Layer Deposited Al2O3 Thin Layers <i>Mika Vaha-Nissi, VTT Technical Research Centre of Finland</i>	

	09:45-10:10	Waste Reduction through Recycling Modifiers Design for Recyclability <i>Karlheinz Hausmann, DuPont De Nemours International</i>	Sustainable migration barrier for packaging based on recycled fibres <i>Lisa Bindgard, Xylophane AB</i>
10:10-10:40	Coffee Break		
10:40-12:20	Session 17—Barrier Prediction and Measurement <i>Session Chair: Johanna Lahti, Tampere</i>		Session 8—Simulation and Modelling <i>Session Chair: Sascha Bach, Technische University</i>
	10:30–11:00	Alternative testing methods for oxygen and water vapour permeability <i>Sven Sangerlaub, Fraunhofer IVV</i>	Accelerating Development Cycle Time Through Modeling of Application Performance <i>Karlheinz Hausmann, Barry MorrisDuPont De Nemours International</i>
	11:00–11:30	Rapid permeation testing with Helium <i>Oliver Miesbauer, Fraunhofer</i>	Heat transfer in laminate rolls - a simulational study <i>Stefan Neumann, Hydro Aluminum Rolled Producers GmbH</i>
	11:30–12:00	How nucleation affects the polymer morphology & barrier performance in LLDPE and LLDPE/LDPE blends <i>Dan Moldovan, Milliken & Co</i>	Using Computational Fluid Dynamics (CFD) to analyse the limits of the secondary layer thickness in multi-layered polyester films <i>James Champion, DuPont Tejiin Films</i>

	Session 7 - Barrier Prediction and Measurement—Continued		Session 8 Simulation and Modelling—Continued
	12:00–12:20	Barrier prediction for aluminium foil in laminates <i>Gunter Schubert, Hydro Aluminium Rolled Products GmbH</i>	Guidelines for Selecting the Best Winding Process <i>R Duane Smith, Davis Standard LLC</i>
12:20-13:30	Lunch		
13:30-13:40-14:40	Poster Introductions Session 9—Poster Session		
14:40-15:10	Coffee Break		
15:10-16:25	Session 10—Die Technology—Rhein I <i>Session Chair: Bernard Fehr, DOW Europe GmbH</i>		Session 11—Process Monitoring <i>Session Chair: Sarah Ghatnekar-Nilsson</i>

	15:10 – 15:35	Advances in shear rheology and flow simulation for high performance extrusion die design <i>Oliver Catherine, Cloeren Inc</i>	Metrology Systems for Optical In-line Process Control <i>Hans Oerley, Dr. Schenk Industriemesstechnik GmbH</i>
	15:35-16:00	Answering the Call for a Robust Extrusion Coating Die System <i>Gary Oliver, Polymer Processing Specialists, LLC</i>	Thickness Measurement of Thin Layers and Coatings with Interferometry Probes – Technology and Applications <i>Christof Ruef, ISIS Sentronics</i>
	16:00-16:25	Aluminium strip casting and polymer casting - What makes the difference? <i>Tim Georgi-Maschler, Hydro Aluminium Rolled Products, GmbH</i>	Film Inspection: The DataLogger Software Approach - The full integration of inspection systems into the production <i>Oliver Hissmann, Optical Control Systems (OCS)</i>

16:25-18:00	Table Top Walk and Reception
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18:45	Buses depart from Swissotel Lobby
19:00-23:00	Evening Event—Brauhaus Watzke

Wednesday, 8 May 2013

09:00-10:15	Session 13 - Another Day-Another Die—Rhein I <i>Session Chair: Michael Gerstenberger, Lion Consulting</i>	
	09:00 – 09:25	Potential of slot dies operated in "short curtain coating mode" for paper coating <i>Ümit Acikel, FMP</i>
	09:25 – 09:50	Multilayer Curtain Coating with motorized coating width adjustment - economic efficiency through precision <i>Thomas Ramel, TSE Troller</i>
10:15-10:45	09:50 - 10:15	Successful coating at low and high production speeds by applying the slot die in the short-curtain-coating-mode <i>Daniel Eggereth, Kroenert</i>
10:45-12:25	Coffee Break	
	Session 14 - Sealants and Sealing—Rhein I <i>Session Chair: Otto Plassmann, Ineos Koeln GmbH</i>	

	10:45-11:10	Tie Layer Concepts: Moving from Barrier Film to Extrusion Coating and Lamination <i>Eva Maria Kupsch, DOW Europe GmbH</i>
	11:10-11:35	High Performance , Polyester Based Peel and Seal Solutions <i>Jacques Roulain, DuPont De Nemours Intl</i>
	11:35-12:00	Morphology and fracture mechanisms of seal seams <i>Sascha Bach, Technische Iniversitat Dresden</i>
	12:00-12:25	Polyolefins for Ultrasound Sealing <i>Jef van Dun, DOW Europe, GmbH</i>

12:25 – 13:30	Hosted Lunch
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14:00 – 16:30	TAPPI PLACE meets Fraunhofer AVV Buses depart the hotel lobby at 13:30
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