

Papermaking Innovations (PM)Track Manager: **Jeff Reese**, *International Paper***Monday, April 16th****1:30 pm - 3:00 pm****PM1 - Papermaking Innovations Kick-Off and Roundtable**Session Chair: **Jeff Reese**, *International Paper*

PM1.1

Ciaran Little, *Smithers Pira*

PM1.2 Roundtable

3:30 pm - 5:00 pm**PM2 - Worldwide Innovation Trends**Session Chair: **Maja Mejsner**, *Paper Machinery Producer*

PM2.1 Innovation - An Added Value Or A Whim Only?

Maja Mejsner, *PMP - Paper Machinery Producer***Tuesday, April 17th****8:00 am - 10:00 am****PM3 - Innovations for Packaging Machines and Energy**Session Chair: **Tom Rodencal**, *Tom Rodencal & Associates*

PM3.1 Quality Improvement from the Wet End for Board and Packaging Grades

Martin Lehrner, *Voith Paper*

PM3.2 Press Fabric Innovations for Packaging Machines

Daniel Hedou, *AstenJohnson*

PM3.3 Gapforming Trends for Packaging Grades

Moritz Strepp, *Voith Paper*

PM3.4 Steam System Considerations for Conversion from Graphic Papers to Containerboard

Mike Soucy, *Kadant Johnson Systems*

PM3.5 Emerging Technologies for Reducing Energy Use

Dick Reese, *Paper Machine Energy Expert***1:30 pm - 3:00 pm****PM4 - Innovative Modeling and Advanced Process Control**Session Chair: **Dale Midyette**, *Jacobs Engineering*

PM4.1 Multivariate Modelling to Optimize Paper Quality and Production Cost Based on Fiber Morphology Data

Jarmo Kahala, *Glocell Oy*

PM4.2 Back to the Future: Papermaking at the Cutting Edge

Simon Mazier, *Perceptive Engineering*

PM4.3 Is Running a Paper Machine Harder than Landing a Man on the Moon?

Todd Jordan, *BTG Americas Inc***3:30 pm - 5:00 pm****PM5 - Papermaking Roundtable**Session Chair: **John Neun**, *John A. Neun, LLC***Wednesday, April 18th****8:00 am - 10:00 am****PM6 - Success Stories**Session Chair: **Martti Tuomisto**, *Advanced Dynamics*

PM6.1 Heat Recovery from Turbo Blower: A Case Study

Lawrence Yane, *Enerquin Air Inc*

PM6.2 Advanced Drying Technology and Curl Control

Andreas Ziegelwanger, *Voith Paper*

PM6.3 Innovating for Success with Project Management Principles

James Stockard, *Fisher Arnold*

PM6.4 Forming and Press Section Optimization Concept – A Full Improvement Package for Vacuum System, Dewatering, Doctoring and Runnability

Tero Pärssinen, *Runtech Systems Inc.*

PM6.5 DS Smith, Kemsley, UK – PM 6: Existing Multistage Vacuum Blower and Liquid Ring Pump Replacement by Modern Variable Speed Vacuum Blowers on a Recycled Linerboard Machine

Tero Pärssinen, *Runtech Systems Inc*

PM6.6 Gentle and Safe Handling of Paper Rolls at Paper Mills and Converting Plants by Utilizing Horizontal Pressure Conveyors and Similar New Techniques

Mikko Rantanen, *MoveRoll Oy***10:30 am - 12:00 pm****PM7A - Innovative Approaches to Solving Age-Old Problems**Session Chair: **Paula Hajakian**, *USG*

PM7A.1 How Hot is too Hot - White Water Heating

Todd Varner, *Jacobs*

PM7A.2 Retrocommissioning and Energy Efficiency – Applying this Concept to the Paper Machine Vacuum System

Douglas Sweet, *Doug Sweet & Associates, Inc*

PM7A.3 Importance of Paper Machine Building Hall Ventilation: A Rigorous Approach for Evaluation and Problem Solving - Case Studies

Ajit, Ghosh, *AKG Processing Consulting*

PM7B - Innovations in Sheet and Fabric Measurement

Session Chair: **Roland Trepanier**, *OpTest Equipment Inc.*

PM7B.1 Enhanced Safety for Press Felt Measurement and Evaluation

Wyatt Boyett, *Voith Paper*

PM7B.2 How To Judge Felt Permeability On The Fly

Marcell Lensvelt, *Feltest Equipment BV*

PM7B.3 Advances in Microwave Water Measurement Create New Papermaking Applications

Frank Cunnane, *Cristini NA*

1:30 pm - 3:00 pm

PM8A - Innovations in Auxillary Systems

Session Chair: **David Burton**, *AstenJohnson*

PM8A.1 The Highest Level of Fabric Performance Starts with the Cleanest Technique

Mark Hodson, *Voith Paper*

PM8A.2 Marking Systems Are Not Just for Defect Identification Anymore

Timothy Rye, *Ryeco*

PM8A.3 Reduce Downtime by Eliminating Common Carrier Rope Run Problems

Frank Cunnane, *Cristini NA*

3:30 pm - 5:00 pm

PM9 - Papermaking Innovations Wrap-Up Roundtable

Session Chair: **Jeff Reese**, *International Paper*