

Papermaking Innovations (PM)Track Manager: **Jeff Reese**, *International Paper***Monday, April 16th****1:30 pm - 3:00 pm****PM1 - Worldwide Innovation Trends**Session Chair: **Maja Mejsner**, *Paper Machinery Producer*PM1.1 Innovation - An Added Value Or A Whim Only? **Maja Mejsner**, *PMP - Paper Machinery Producer***3:30 pm - 5:00 pm****PM2 - Papermaking Innovations Kick-Off and Roundtable**Session Chair: **Jeff Reese**, *International Paper*PM2.1 **Ciaran Little**, *Smithers Pira*

PM2.2 Roundtable

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 Using Common Sense and Emerging Technologies to Reduce 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 - Papermaking Success Stories**Session Chair: **Martti Tuomisto**, *Advanced Dynamics*PM6.1 Innovating for Success with Project Management Principles **James Stockard**, *Fisher Arnold*PM6.2 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*PM6.3 Forming and Press Section Optimization Concept – A Full Improvement Package for Vacuum System, Dewatering, Doctoring and Runnability **Jussi Lahtinen**, *Runtech Systems Inc*PM6.4 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*PM6.5 Heat Recovery from Turbo Blower: A Case Study **Lawrence Yane**, *Enerquin Air Inc*PM6.6 Advanced Drying Technology and Curl Control **Andreas Ziegelwanger**, *Voith Paper***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

PM8 - Innovations in Auxillary Systems

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

PM8.1 The Highest Level of Fabric Performance Starts with the Cleanest Technique

Mark Hodson, *Voith Paper*

PM8.2 Zero Line Control for the Dryer Hood

Alfredo Sarli, *Voith Paper*

PM8.3 Reduce Downtime by Eliminating Common Carrier Rope Run Problems

Bernard Bigras, *Cristini NA*

3:30 pm - 5:00 pm

PM9 - Papermaking Innovations Wrap-Up Roundtable

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