

SESSION	AUTHOR	TITLE	CO-AUTHOR
7.2	<b>Mehran Parsheh</b> , University of Minnesota	Advances in Design of Elastic Guiding Vanes Used in Traditional and Stratified Headboxes	<b>Anders A. Dahlkild</b> , Royal Institute of Technology; <b>Cyrus K. Aidun</b> , Georgia Institute of Technology
7.3	<b>Cyrus K. Aidun</b> , Georgia Institute of Technology	The Effect of Turbulent Flow on Fiber Orientation in the Converging Nozzle of a Headbox	<b>Mehran Parsheh</b> , University of Minnesota
7.4	<b>Allan Carlsson</b> , KTH Mechanics	Fibre Orientation in the Boundary Layers of a Planar Converging Channel	<b>Fredrik Lundell</b> , KTH Mechanics; <b>Daniel Söderberg</b> , STFI-Packforsk
8	<b>Michael Kocurek's Panel</b> , North Carolina State University	Papermaking Innovations: Kick-Off and Panel Discussion	<b>Ben Thorp</b> , Flambeau River Biorefinery; <b>Ivan I. Pikulik</b> , FPIInnovations (Paprican); <b>Martin Hubbe</b> , NCSU
9.1	<b>Greg Going</b> , Metso Paper	Paper Machine Efficiency Surveys	
9.2	<b>Doug F. Sweet</b> , Doug Sweet & Associates	Paper Mill Performance: From Ear Plugs to Control Rooms	
12.1	<b>Henri Vaittinen</b> , Metso	New Calendering and Coating Tools to Improve Coated Fine Paper Quality	<b>Stig Renvall</b> , <b>Jouni Haavisto</b> , Metso
12.2	<b>Peter Burri</b> , Omya	Parameters Influencing Flexo Printing on White Top Liner Board	<b>Cathy Ridgway</b> , <b>Joachim Schoelkopf</b> , Omya
13.1	<b>Dr. Abhay Sharma</b> , Ryerson University	ICC Color Profiling and Color Management	
13.2	<b>Trish Wales</b> , IDEAlliance	Paper is the Fifth Color in a Four Color Process	
13.3	<b>Yu-Ju (Mandy) Wu</b> , Western Michigan University	The Effect of Paper Properties on Color Reproduction Capability for Gravure LWC Printing	<b>Alexandra Pekarovicova</b> , <b>Paul D. Fleming III</b> , Western Michigan University; <b>Mike Flickinger</b> , Omnova; <b>Michelle X. Wang</b> , Armstrong
14.1	<b>Andreas Zehnpfund</b> , ABB Ltd.	Application of Multivariable Control Technique on Supercalenders	<b>Jonas Berggren &amp; Shih-Chin Chen</b> , ABB Ltd.
14.2	<b>Ross MacHattie</b> , Honeywell	Wet Press Measurement and Control Results	<b>Paul Baker &amp; Bob Vyse</b> , Honeywell
14.3	<b>Amor Lahouaoula</b> , Honeywell	Application of Cross Directional Multivariable Predictive Control to Linerboard Machines	<b>Johan U. Backstrom</b> , <b>Robert N. Vyse &amp; Thomas H. Steele</b> , Honeywell
15	<b>Dr. Chris Risbrudt</b> , Forest Products Laboratory	Nanotechnology: A US Forest Service Perspective	<b>Ted Wegner</b> , Forest Products Laboratory
16.1	<b>Christer Idhammar</b> , IDCON, INC	The Partnership Organization	
16.2	<b>Mark A. Latino</b> , Reliability Center, Inc.	Don't Blame...Reduce Errors	
16.3	<b>Stephen J. Bentley</b> , Voith Industrial Services	Maintenance Outsourcing in the Paper Industry	
18	<b>B. A. Thorp</b> , Flambeau River Biorefinery	Compelling Case for Integrated Biorefineries	<b>Benjamin A. Thorp IV &amp; L. Diane Murdock-Thorp</b> – no company listed
20.1	<b>Juha Saari</b> , VTT	Effect of Coating Pigment Choice on Printed Color Gamut	<b>Ken Mueller</b> , Specialty Minerals, <b>Janne Laine</b> , VTT, <b>Amy Dimmick</b> – no company listed
20.2	<b>Abhay Sharma</b> , Ryerson University	Practical ICC Profiling for Sheet-fed Printing	<b>Scott Millwood</b> , Ryerson University, <b>Daniel Dejan</b> , <b>Joe Isaak</b> , Sappi Fine Paper
20.3	<b>Anthony Hiorns</b> , Imerys	The Relationship Between Pigment Properties, Paper Structure and the Show-Through of Printed Colour	

21	<b>Charles P. Klass's Panel</b> , Klass Associates	Advances in Digital Printing – Panel Discussion	<b>David Hatfield</b> , Eastman Kodak; <b>J.P. Niemiec</b> , NewPage Corporation; <b>John Stoffel</b> , Hewlett Packard
23.1	<b>Fredrick Rosen</b> , STFI-Packforsk	Estimation of Fibre Segment Orientation using Steerable Filtering	<b>Daniel Söderberg</b> , <b>Marco F.C. Lucisano</b> , <b>Catherine Östlund</b> , STFI-Packforsk
23.2	<b>Gabriele Bellani</b> , KTH Mechanics	Experimental Study of the Forming Process: Fluid Velocity and Fluid-Fiber Interaction Measurements	<b>Fredrik Lundell</b> , KTH Mechanics; <b>Daniel Söderberg</b> , STFI Packforsk
23.3	<b>B.V. Ramarao</b> , State University of New York	Relationship of 3D Structure of Pore Space to Manufacturing Process and Properties of Wood Fiber-Based Materials	<b>S. Lavrykov</b> , <b>S.K. Singh</b> , State University of New York <b>Shri Ramaswamy</b> , University of Minnesota
23.4	<b>Cyrus K. Aidun</b> , Georgia Institute of Technology	Measurement of Structural Properties of Coated Paper by X-Ray Microtomography	<b>Yusuke Kondo</b> , Nippon Paper
24.1	<b>Matthias Schmitt</b> , Voith Paper Fabrics	Advanced Innovative Fabric Materials for the Paper Machine Clothing (PMC)	<b>Heping Zhang</b> , <b>Juergen Abraham</b> , Voith Paper Fabrics
24.2	<b>Blake Hender</b> , Voith Paper Fabrics	Efficiency Improvements Through the Use of Warp Exchange Technology	
25	<b>Gary Nyman's Panel</b> , International Paper	Camera / Imaging Systems	<b>Kari K. Hilden</b> , Papertech Inc., <b>Mikko Ruuska</b> , Viconsys
26.1	<b>Michael O'Byrne</b> , Hercules	Improving Paper Machine Efficiency and Productivity through Novel Chemistry	
26.2	<b>Martin A. Hubbe</b> , North Carolina State University	Water Release from Fractionated Stock Suspensions	<b>Cedric A. Cole</b> , <b>John A. Heitmann</b> , North Carolina State University
26.3	<b>Kristian Salminen</b> , VTT	Effects of Selective Addition of Papermaking Chemicals to Fines and Long Fibres on Strength and Runnability of Wet Paper	<b>Elias Retulainen</b> , <b>S. Haavisto</b> , VTT & <b>Juan Cecchini</b> , Metso
26.4	<b>Xiang-Huai Wang</b> , Enzymatic Deinking Technologies (EDT)	Application of Enzymatic Technologies for Improving Product Quality, Mill Efficiency and Production Cost Savings	<b>Chengliang Jiang</b> , <b>Jianhua Ma</b> , Enzymatic Deinking Technologies (EDT)
27.1	<b>Janet Preston</b> , Imerys	The Measurement and Analysis of the Distribution of Fountain Solution in Kaolin and Calcium Carbonate Containing Coatings	<b>J.C. Husband</b> , Imerys, <b>N. Norouzi</b> , <b>D. Blair</b> , University of Edinburgh; <b>P.J. Heard</b> , University of Bristol
27.3	<b>Victor Lewis</b> , Prisco	Fountain Solutions – Basic Principles & Trends	<b>David Gerson</b>
28.1	<b>Tamijiro Kaneyuki</b> , Nippon Paper	The Influence of Coating Rheology on Blade Forces Measured with a Laboratory Blade Device	<b>Douglas W. Bousfield</b> , University of Maine
28.2	<b>Robert Rioux</b> , University of Maine	Elastica Stiffness and Low Load Indentation Measurements for the Mechanical Properties of Coated Papers	<b>Douglas W. Bousfield</b> , University of Maine <b>Nick Triantafillopoulos</b> , ROHMNOVA
28.3	<b>Cathy J. Ridgway</b> , Omya	Effect of Latex and Pigment Volume Concentrations on Suspension and Consolidated Particle Packing and Coating Strength	<b>Patrick A.C. Gane</b> , Omya
30	<b>Ryan Buma</b> , Ascentium	Business Intelligence for Forest Products: Best Practices	
31	<b>Ken Latino</b> , MeadWestvaco	Utilizing RCA for Process Related Issues	
32.1	<b>Junji Yamamoto</b> ,	New Automatic Control System for Fiber	<b>Hidenobu Todoroki</b> ,

	Nippon Paper Industries	Orientation and Improvement of the Quality of Copy Paper	<b>Katsumasa Ono, Takashi Ochi</b> , Nippon Paper Industries, <b>Takashi Sasaki &amp; Hirofumi Sano</b> , Yokogawa Electric Corporation
32.2	<b>David W. Vahey</b> , Forest Products Laboratory	Surface and Subsurface Fiber-Orientation-Angle Measurements in Three Office Papers	<b>J.M. Considine</b> , Forest Products Laboratory
32.3	<b>Shih-Chin Chen</b> , ABB Ltd.	Closed-Loop Control of Fiber Orientation of Sheet-Making Processes	<b>Jonas Berggren, Andreas Zehnpfund</b> , ABB Ltd.
33.1	<b>Martti V. Tuomisto</b> , Metso Paper USA	Enter Metal Belt Calenders	
33.2	<b>Thomas Scherb</b> , Voith Paper	Innovative Technology for Premium Tissue Production	<b>Roberto Zane</b> , Voith Paper (presenter)
33.3	<b>Norbert Karner</b> , Voith Paper	New Drying Technology for Higher Drying Rates and Improved Product Quality	<b>Frank K. Herzog</b> , Voith Paper (presenter)
34	<b>Jeff Reese's Panel</b> , International Paper	Improving Paper Machine Efficiency	<b>Mike Garrick</b> , Voith Paper Fabrics, <b>Mike Lyles, Gary Nyman</b> , International Paper, & <b>Steve Smith</b> , Domtar
36.1	<b>Patricia Wild</b> , EKA Chemicals	A Novel Coating Formulation for Silica Inkjet Layer Coatings	<b>Ylva Marie Wildlock, Kjell R. Andersson, Erik Lindgren</b> , EKA Chemicals
36.2	<b>Siv Lindberg</b> , STFI	Making Subjective Assessments Objective - A Mottle Ruler for Calibration of Panel Assessments of Perceived Print Mottle	<b>C-M Fahlcrantz</b> , STFI-Packforsk; <b>G. Forsgren</b> , Iggesund Paperboard
36.3	<b>Hannah Koivula</b> , Åbo Akedemi University & University of Maine	Use of Confocal Laser Scanning Microscopy and Computer Model to Understand Ink Cavitation and Filamentation	<b>Martti Toivakka</b> , Åbo Akedemi University; <b>Douglas Bousfield</b> , University of Maine
37.1	<b>Roger Wygant</b> , Imerys	Metered Size Press Pigmentation for Fiber Reduction	<b>Joel Kendrick, Jan Walter</b> , Western Michigan University
37.2	<b>Gregory Welsch</b> , The Dow Chemical Company	Cost Saving Concepts for Production of High Quality Coated Papers – Part 1: Single Blade and Film Coat – Blade Coating Systems	<b>Guillermo Bluvol, Peter Dahlvik</b> , Omya; <b>Alexander Hipp, Pekka Salminen</b> , Dow Europe S.A.
37.3	<b>John Roper</b> , Dow Chemical Company	Combined Modeling and Experimental Studies to Optimize the Balance Between Fold Crack Resistance and Stiffness For Multilayered Paper Coatings	<b>Pekka Salminen, Stefan Sandas</b> , Dow Europe S.A.; <b>Roger Carlsson</b> , Iggesund Paperboard AB; <b>Martti Toivakka, Parvez Alam</b> , Åbo Akademi University
38.1	<b>Johan Backstrom</b> , Honeywell	Nonlinear Multivariable Grade Change of Paper Machines	<b>Danlei Chu, Pezhman Nafissi, Paul Baker</b> , Honeywell; <b>Mattias Björklund</b> , Mondi Paper
38.2	<b>Rudolf Münch</b> , Voith Paper Automation GmbH	Increased Added Value Due to Modern Grade Change Controls	
38.3	<b>Dr. Dave Lang</b> , Metso Automation	Increasing Paper Machine Agility with a Novel Grade Change Concept	<b>Dr. Seyhan Nuyan</b> , Metso Automation
38.4	<b>Timothy F. Murphy</b> , ABB Automation Inc.	Quantifying Paper Machine Transition Performance	<b>Kevin Starr, Pete Tran, Tim Mast</b> , ABB Automation Inc.
39.1	<b>Xuejun Zou</b> , FPInnovations (Paprican)	Use of High-Yield Pulps in Freesheets - Current Trends and Issues in Papermaking and Digital Printing	
39.3	<b>Yonghao Ni</b> , Limerick Pulp and Paper Centre, University of New Brunswick	Characteristics of High Yield Pulp (HYP) and Their Effects on the Wet-end Chemistry of the Papermaking Process	<b>Zhibin He</b> , Limerick Pulp and Paper Centre, University of New Brunswick & <b>Yajun Zhou</b> , Tembec Inc.
40.1	<b>Daniel Hédou</b> ,	Press Nip Dewatering: Adjust or Re-	

	AstenJohnson	Design?	
40.2	<b>Olli Kääpä</b> , Heimback GmbH & Co. KG	The Optimization of Press Dewatering and it's Influence on Energy Savings	
40.3	<b>David Buchanan</b> , Voith Paper Fabrics	Improving Dewatering, Energy Usage, and Press Fabric Life by Optimizing the Nip System	
40.4	<b>Eric J. Gustafson</b> , Stowe Woodward	Continuous Nip Monitoring	
41.1	<b>Jim Anderson</b> , Hercules Inc.	Novel Biocide Improves Paper Machine Cleanliness, Efficiency and Product Quality	
41.2	<b>Patrick Macuch</b> , Nalco Company	Improved Paper Machine Efficiency and Product Quality through Online, Real-Time Monitoring and Control of Microbial Activity and Deposit Formation	<b>Laura E. Rice</b> , Nalco Company
41.3	<b>Lotta Kanto Öqvist</b> , Ashland	Improved Paper Machine Efficiency by Innovative Deposit Control Programs	<b>Andreas Pohl</b> , Ashland
41.4	<b>R. Daniel Haynes</b> , Eka Chemicals	Monitoring Colloidal Organics to Better Manage Deposit Runnability Issues	<b>Sujit Banerjee</b> , IPST
44.1	<b>Dave Stockford</b> , OSIsoft	Energy Management using a Real-time Enterprise Infrastructure	
46	<b>Don Pomraning</b> , Sinclair Group	Rapid Organizational Transformation – Ten Years of Lessons Learned in 90 Minutes	<b>Randal Karg &amp; Dan Rivard</b> , Sinclair Group
47	<b>Bruce Pease</b> , ABB	Optimizing Work Flow with CMMS	<b>Milton Shannon</b> , ABB
48.1	<b>Douglas W. Bousfield</b> , University of Maine	Prediction of Wire Deflection and Activity Generation on Single Wire Machines	<b>Vaughn Wildfong, Jay Shands, James Ronning</b> , Johnson Foils, AstenJohnson
48.2	<b>Jay Shands</b> , JohnsonFoils	Evaluation of Gap Forming Rebuild Options: Part II – Development and Application of the Shoeblade Former and Engineered Shear Management Concepts	<b>V.J. Wildfong, J.A. Ronning, M. Condon</b> , JohnsonFoils; <b>J.H. Jong</b> , FPInnovations-Paprican
48.3	<b>Daniel Söderberg</b> , STFI-Packforsk	A Novel System for Online Wet-end Web Monitoring	<b>Claes Holmqvist</b> , STFI-Packforsk
48.3	<b>Daniel Söderberg</b> , STFI-Packforsk	Video 1	
48.3	<b>Daniel Söderberg</b> , STFI-Packforsk	Video 2	
49.1	<b>Martin A. Hubbe</b> , North Carolina State University	Factors Affecting Paper's Appearance	<b>Joel J. Pawlak</b> , North Carolina State University; <b>Alexander A. Koukoulas</b> , ANL Consultants
49.2	<b>M. Patricia Wild</b> , Eka Chemicals Inc.	An Innovative Approach to Higher Brightness and Whiteness	<b>Richard Urbantas</b> , Eka Chemicals Inc.
49.3	<b>Rosa M. Covarrubias</b> , Buckman Laboratories, Inc	Advances in Wet End Chemistry for High Bright Applications	<b>Gary A. Headrick</b> , Buckman Laboratories, Inc
49.4	<b>Tony Hiorns</b> , Imerys	Optimizing Optical Efficiency in Paper	<b>Phil Jones, Benny Hallam, Leslie McLain</b> , Imerys
50.1	<b>Marc Foulger</b> , GL&V	Press Rebuilds for Improved Pressing Efficiency	<b>Denis Page</b> , GL&V
50.2	<b>Michael P. Riffle</b> , Voith Paper Fabrics	Single Nip Presses and the Benefits of Innovative Press Fabric Designs	
50.3	<b>Jussi Lahtinen</b> , Runtech Systems	Improving Press Section Efficiency with Air Doctors	
50.4	<b>Keith Kemp</b> , AstenJohnson Inc.	Press Fabric for Single Shoe Press – it's what's on the inside that counts	<b>Guillaume Bernard</b> , AstenJohnson Inc.
51	<b>Phil Sweeny's Panel</b> , Lonza	Improving Microbiological Control - A Monograph Overview	<b>Linda Robertson</b> , International Microbial Associates, <b>Chris Wiatr, Janet Woodward</b> , Buckman Laboratories, <b>Lynda Kiefer, M. Tod Stoner &amp; Terry M. Williams</b> (presenter), Rohm & Haas, <b>Phil Prichard</b> ,

			Imerys, <b>Doug Caulkins &amp; Scott Frasca</b> , RohmNova
54.1	<b>Dewei Qi</b> , Western Michigan University	Unsteady Dynamics of Fiber Suspensions	
54.2	<b>Sheila Rezak</b> , Georgia Institute of Technology	Direct Simulation of Fiber Suspension Using Lattice-Boltzmann Method	<b>Jonathan Clausen, Cyrus K. Aidun</b> , Georgia Institute of Technology
54.3	<b>Jari. Hämäläinen</b> , University of Kuopio	Prediction of the Sheet Formation Using the Fibre Floc Evolution Model	<b>Taija Hämäläinen</b> , University of Kuopio, <b>Jarmo Korpijärvi</b> , Numerola Oy
55.1	<b>Kazunari Kamo</b> , Nippon Paper Industries	Analysis of the Influence of Filler Loading and Grammage on Bonding	<b>William W. Sampson</b> , The University of Manchester
55.2	<b>Daniel H. Varney</b> , OMYA, Inc.	Modified Calcium Carbonates for Blade Applied Inkjet Papers	<b>George A. Saunders</b> , OMYA, Inc.
55.3	<b>Jan Pekarovic</b> , Western Michigan University	Process Variables of Pulp Alkali Pretreatment	<b>Vidit Kumar, Paul D. Fleming III, Matej Pekarovic</b> , Western Michigan University
55.4	<b>Ankouri Sanjay Kumar Sinha</b> , SLIET	Neem (Azadirachta Indica) as Alternative Wood Fiber Source with Environmental Advantages & Medicinal Properties for Pulp & Paper Industries	
57.1	<b>Paul F. Richardson Ph.D.</b> , Nalco Company	Chemical Additives to Enhance Press Dewatering in Board Production	<b>Michael St. John Ph.D., James Chavers</b> , Nalco Company
57.2	<b>James M. Snyder</b> , PaperboardPro	PaperboardPro	
57.3	<b>Bill Needelman</b> , Filtration Science Solutions, Inc	Controlling Water Contamination in Paper Mills	<b>Dave Webb</b> , Industrial Hydraulics Division
57.4	<b>Mike Sellers</b> , Service Process Equipment	Understanding and Addressing Varnish in Paper Machine Systems	<b>Greg J. Livingstone, Doug J. Muennich</b> , CLEANOIL, <b>Dave L. Wooton</b> , Wooton Consulting
59	<b>Femi Kotoye's Panel</b> , Dow Chemical	Water Based Barrier Coatings	<b>Gavin Davies</b> , Sappi Technology Centre, <b>David I. Gittins, Hannah Howard, Paul Meizanis, Paul Jones, David Skuse, Tony Lyons</b> , Imerys
62.1	<b>Jeff Hamilton</b> , SAPPI	Managing Reliability – Properly Introducing Operator Basic Care to Facility Employees	
62.2	<b>Tom Stigers</b> , Solvay Paperboard	Mill Manager Roundtable: Reliability	
62.3	<b>Carl Wright</b> , Rock-Tenn	Mill Manager Roundtable: Reliability	
64.1	<b>Daniel Söderberg</b> , STFI-Packforsk & KTH Mechanics	A New Technique for Stratified Forming	
64.2	<b>Daniel Söderberg</b> , STFI-Packforsk & KTH Mechanics	The Fundamental Mechanism behind Headbox Jet Break-up	<b>Outi Tammisola</b> , KTH Mechanics
65.1	<b>Richard A. Reese</b> , Dick Reese and Associates, Inc.	DOE Paper Machine Energy Scorecard System	
65.2	<b>Seyhan Nuyan</b> , Metso Automation	New Steambox Redefines Heating and Profiling Efficiency	<b>Ankur Gupta</b> , Metso Automation
65.3	<b>Jörg Bauböck</b> , Andritz AG	Application of a Steel Yankee in Tissue Machines	
66.1	<b>Jin H. Kim</b> , Voith Paper	Improve Paper Machine Efficiency Through Improved Roll Reliability	
66.2	<b>J. Michael Robichaud</b> , Bretech Engineering Ltd.	Design Modifications of Papermachine Support Structures to Control Vibration	<b>Andrew K. Costain, Dale G. Eyre</b> , Bretech Engineering Ltd.

66.3	<b>Chris M. Jackson</b> , Corrugated Services Inc.	Utilizing PM and PdM Techniques to Maximize Paper Machine Efficiency	
67.1	<b>Gina Paroline</b> , Anton Paar USA, Inc.	Rheology Instrumentation and Measurements	
67.2	<b>Detlev Glittenberg</b> , Cargill Industrial Starches	Natural Rheology Modifiers	<b>Don Hiscock</b> , DuPont Soy Polymers
67.3	<b>Derrick Burrell</b> , Alco	Synthetic Rheology Modifiers	<b>Wayne Kibble, Larry Fulton</b> , Alco
68.1	<b>Andrew DeMaio</b> , Dow Chemical	Comparison Between North American and Imported Sheet Fed Offset Printing Papers	<b>Femi Kotoye, David Smith, Shirley Muirhead</b> , Dow Chemical
68.2	<b>Guillermo Bluvol</b> , Omya	Cost Saving Concepts for Production of High Quality Coated Papers – Part 2: Blade-Blade Coating Systems	<b>Peter Dahlvik</b> , Omya; <b>Alexander Hipp, Pekka Salminen</b> , Dow Europe S.A.
68.3	<b>Jan-Erik P. Nordström</b> , Stora Enso	Printing Development Trends	
69.1	<b>Elisa Jannasch</b> , Parsytec AG	Turning Quality Data into Integrated Decision Data	<b>Helga Evers</b> , Parsytec AG
69.2	<b>Jarmo Kahala</b> , Savcor Forest Oy	How to Perform Fast, Efficient and Reliable Data Analysis	
69.3	<b>Dave Stockford</b> , OSISoft	Data Mining using a Process Historian based Real-time Infrastructure System	
69.4	<b>Jin Lou</b> , Matrikon Inc	Paper Machine Performance Improvement Through Multivariate Data Analysis of Historical Data	<b>Stephen Symons</b> , Matrikon Inc., <b>Tim Shope</b> , AbitibiBowater
70.1	<b>James Ronning</b> , Johnson Foils	Forming Section Water Handling Considerations	
70.2	<b>Douglas F. Sweet</b> , Doug Sweet & Associates	Wet End Former Troubleshooting and Optimization – Vacuum Systems and Vacuum Dewatering Issues	
70.3	<b>John Neun</b> , Albany International	Wet End Optimization – Fabric Cleaning, Mist Elimination & Trim Squirts	
70.4	<b>Kevin VanPembrook</b> , Metso Automation	Wet-end Instrumentation and Control	
71	<b>Alan Button's Panel</b> , Buttonwood Consulting LLC	Green Papermaking	<b>Richard Osa</b> , STS Consultants; <b>Joel Neuheimer</b> , Forest Products Association of Canada; <b>Ben Thorp</b> presenting for <b>Bob Byrne</b> , Flambeau River Papers
72.1	<b>David A. Young</b> , Enerquin Air	Improving Dryer Section Runnability and Efficiency	
72.2	<b>Paul Rouhiainen</b> , Metso Paper	State-of-the-Art Developments in Dryer Section Runnability	
72.3	<b>Kenneth C. Hill</b> , Kadant Johnson Systems	Active Dryer Control for Sheet Break Recovery	<b>David Vjih</b> , Kadant Johnson Systems
72.4	<b>Pekka Kormanio</b> , Dublin Steam Systems	Steam & Condensate Systems: Considerations for Dryer Section Runnability	
73.1	<b>Charlie Floyd</b> , Domtar	Keys to Sustainability at Kingsport	
73.2	<b>Jeff Hamilton</b> , SAPPI	Sustainability Within Sappi: More than Fiber and Energy	
73.3	<b>Tom Stigers</b> , Solvay Paperboard	Mill Manager Roundtable: Sustainability	
73.4	<b>Carl Wright</b> , Rock-Tenn	Mill Manager Roundtable: Sustainability	
74	<b>Laurie Meister</b> , Wausau Paper	Performance Excellence Roadmap	<b>Bill Swisher</b> , Breakthrough Management Group
76.1	<b>Gerald L. Timm</b> , Kadant Johnson	Drive Power and Torque in Papermachine Dryers	<b>Gregory L. Wedel, Mikeal D. Skelton</b> , Kadant Johnson
76.2	<b>B.V. Ramarao</b> , State University of New York	Heat and Moisture Transport in Paper going through a Hot Roll Nip	<b>Sergiy A. Lavrykov</b> , State University of New York

76.3	<b>Kalle Riihimäki,</b> Balance Engineering	Characteristics and Optimal Operation of the Paper Machine Heat Recovery Recuperator	
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