

# THE TAPPI TIMES

EST. 1915

## TOP GUNS & TOP EXECS KICK OFF PAPERCON



Monday's program began with an exciting presentation on "Flawless Execution" by Afterburner, after which a panel of top pulp and paper executives took the stage where they focused on how their companies are meeting changing customer demands, the importance of sustainability, and how they are planning to recruit and train employees to replace the anticipated departure of huge numbers of employees in coming years.

Jim Hannan, President and CEO of Georgia-Pacific, described how the company has invested more than \$12 billion into its businesses through acquisitions, innovation, and investments in existing operations, and paid down approximately \$9 billion in debt. Hannan addressed two factors he sees affecting the industry: the talent challenge and what he called the Digital Shelf.

According to Hannan, 100 G-P employees retire each year. He described some of the company's recruitment techniques saying that

"our message is that there is lots of opportunity across our company."

The second aspect Hannan touched on was what he called The Digital Shelf, or how technology is shaping demand. He cited the fact that e:commerce is projected to grow about 13% compared to 4% of retail growth. "We are working with a number of our customers who are building their own e:commerce platforms," he said.

John Panichella, CEO and President of Solenis, built on the theme of "change" by saying that his company sees four important trends. First, fiber-

based products will be the preferred choice in the future. "Ninety percent of Millennials consider fiber-based packaging to be sustainable," he said. Second, Panichella sees closer collaboration for deeper process improvements and said that 33% of pulp and paper management will retire within 10 years.

Sustainability is third on Panichella's list as he cites the fact that the global average of fresh water consumption is 30m<sup>3</sup> per ton of paper. "Water issues will continue to drive our industry, and we have a great story to tell," he said. Finally, Panichella says that global competition will heat up and that in North America three producers account for 63% of all containerboard while in Asia the three top producers account for 23%. In preparing for the future Panichella said that his target for Solenis is to derive 25% of sales from new products.

David Scheible, Chairman and CEO of Graphic Packaging gave an account of how his company is adapting to

*continued on page 2*



Larry N. Montague, TAPPI President and CEO (center) thanks Afterburner presenters.

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# Top Guns & Top Execs *(from cover)*

changing customer demands by optimizing, growing and executing. “We work in basic markets,” he said. “We make products that people use every day around the globe, and those needs are changing. For the first time since 1947 America’s most common age is no longer the Baby Boom generation. Millenials have taken over, and 22-year olds are the most represented age group in America. “The younger group is different,” he said. “Snacking and meals on-the-go are a growing part of today’s busy life, consumers are becoming more urban, and consumers are looking for more value-added products when they are away from home.” He also said the U.S. consumer is becoming more diverse, what people drink is changing, all of which is having an impact on suppliers. Graphic Packaging recently acquired a number of companies in Europe. “We have a good story to tell,” he says.

“But we must remember that a good story is not the same as a good result.”

Steven Voorhees, CEO of RockTenn described how their merger with MWV will create a \$16 billion global provider of consumer and corrugated packaging with 42,000 employees in 30 countries and \$20 billion in assets. “We are better together,” he said. Voorhees also congratulated TAPPI on its 100th anniversary and described how his company has a similar history. He showed a slide showing how 12 of the new company’s mills have been in business more than 100 years and one as long as 150 years. “We are in a ‘fun’ business with stable global demand and offering career opportunities for highly motivated people,” he said. “And our business is only one step from Amazon.”

## CPU members turn out Saturday night



It was a full house when Couch Pit University (CPU) members, family and friends turned out for the annual CPU dinner Saturday evening, as 8 new members were inducted into the prestigious society. New members for 2015 include: William Bonds, Tom Couture, Bill Edwards, Gordon Morseth, Jr., Henry Smedley, Robert Streng, GERALY (Gary) Wright and Troy Wilson.

CPU is made up of premier papermakers, both active and retired, who are nominated and elected by their peers. Members must have reached or surpassed the age of 50, worked in the industry for no less than 25 years, achieved the level of Superintendent or above, or won the Brookshire Moore Superintendent of the Year award.

## Troy Wilson named Superintendent of the Year



Troy Wilson (holding certificate) received his Superintendent of the Year Award from (l-r) Roger Smith, Steve Smith, Bob Grygotis, and Jeff Levinsailor.

Troy Wilson of Domtar, Ashdown, Arkansas, was presented with the 2015 Brookshire Moore Superintendent of the Year award during the Couch Pit University dinner Saturday evening.

Troy Wilson has been a Superintendent and/or General Superintendent for the last 20 years. In the early 1990s he was part of the start up team at Cedar River Paper (now International Paper) in Cedar Rapids, IA. Since coming to Domtar he has served as the NC5 Paper Machine Supt at Plymouth, NC, the A63 Paper Machine Supt at Ashdown, Ark., and is now the General Superintendent over three fine paper machines and one pulp machine in Ashdown. Wilson has developed many best practices at the Plymouth and Ashdown mills, raising machines that were the worst performers to a level of success. He also travels to other mills to help solve problems.



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ANDERSON CYCLE WORKS, Erie, Pa.



# TAPPI Adds 8 New Fellows



On Sunday afternoon, eight individuals were named TAPPI Fellows, an honorary title bestowed upon a small percentage of TAPPI's membership and given to individuals who have made extraordinary technical or service contributions to the pulp, paper, packaging and converting industries and/or the Association.

New fellows (l-r)

**Todd Popson**, Technidyne

**Junyong Zhu**, US Forest Products Laboratory

**Gary Nyman**, International Paper

**Kerry Figiel**, International Paper

**Carl Houtman**, US Forest Products Laboratory

**Seyhan Nuyan**, Metso Automation (Valmet)

**Clayton Teague**, Retiring Director

**Michael Exner**, Retiring Director (*Missing from photo*)

## Tuesday's program features sessions, forums, workshops, meetings

Today's technical program began early with the Hot Topics Breakfast in GWCC 302 from 6:30-9:00 a.m. In total, the program includes nine tracks—the *Tissue360°* Forum (sponsored by Toscotec), PIMA management, Coating and Graphic Arts (C&GA), Papermaking Additives (PA), Back to the Future in Papermaking (PM), Process Control and Fluid Fundamentals (PF), the OpEx Reliability Workshop, RPTA, and NETInc. (N). Together with various committee meetings, new technology showcase, exhibit hall lunch and reception, the 50-plus events between dawn and 10:00 p.m. represent a busy day for many conference attendees.

From 8-10 a.m., PIMA Session M5 in GWCC 312 looks at resource trends and their impact on the pulp and paper industry. During the same time slot, C&GA Session C4 in GWCC 412 explores latest developments in the board and converting arena, while Papermaking Additives Session PA3 in GWCC 315 focuses on pulp chemistry innovations. Also from 8-10 a.m. in GWCC 314, Back to the Future in Papermaking Session PM3 is a panel session during which veteran papermakers will discuss and celebrate TAPPI's 100th anniversary. Simultaneously, in GWCC 313, Process Control and Fluid Fundamentals Session PF3 explores future papermaking trends and development needs, and the RPTA Session 3 in GWCC 316 examines operational strategies for recycled furnishes. The NetInc. Session N3 in GWCC 403 covers process development, and the *Tissue360°* Forum Session T3 on chemistry and additives for process improvement is being conducted in GWCC 402. Completing the 8-10 a.m. slot, the OpEx Reliability workshop in GWCC 407 gets underway with the first half of its morning exploration of proven methods for improving mill reliability.

After a 10 a.m. refreshment break, Part II of this morning's program extends to noon. Session M6 in GWCC 312 tackles mill workforce development, while Session C5 in GWCC 412 examines coating materials, and Session PM4 in GWCC 315 looks at chemistries for ply-bond improvements (a joint session with RPTA). Session PF4 in GWCC 316 (also a joint session with RPTA) discusses the future of board—predictive testing through process control, and Session PF5 in GWCC 313 investigates how machine vision has improved papermaking in the past, present, and future. Tissue Forum Session T4 in GWCC 402 covers process equipment

innovations (Part II), while Session N4 on protective materials is being held in GWCC 403. The second half of the OpEx morning program in GWCC 407 continues the exploration of methods for improving mill reliability.

At noon, lunch and the New Technology Showcase II (papermaking topics) will begin in Exhibit Hall A2, which remains open until 1:30 p.m.

## PaperCon 2015

Afternoon sessions from 1:30-3:00 p.m. include Session M7—the annual PIMA *Superintendent's Roundtable* in GWCC 311, Session C6 on coating fundamentals in GWCC 412, Session PA5 analyzing productivity enhancements through additives in GWCC 315, and a combined PM5/PF7 Session on the history and future of QCS in GWCC 314. Session PF6 in GWCC 313 takes a detailed look at future forming concepts, and RPTA Session 6 in GWCC 316 focuses on advancements in technology for cylinder board machines. Also from 1:30-3:00 p.m., Tissue Forum session T5 in GWCC 402 (joint w/NETInc.) examines antimicrobial/bioactive products, and OpEx launches its afternoon half of today's program ("Reliability Strategies, Management, Technologies") in GWCC 407.

Following a 3 p.m. refreshment, the final quarter of today's program (which continues until 5:00 p.m. or 5:30 p.m. for some sessions) gets underway with PIMA Session M8 on energy strategies for mills in GWCC 312. In GWCC 401, C&GA holds its annual Hagemeyer Happy Hour, and Session PA6 in GWCC 315 is focused on "Increasing Filler Content." Session PM6, the annual *Papermaking Roundtable* takes place in GWCC 311, Session PF8 in GWCC 316 covers applied fluid mechanics in papermaking, and PF9 goes over 100 years of process control discussion (with the TAPPI Young Professionals Division) in GWCC 313.

Rounding out today's program, Tissue Forum Session T6 on "Troubleshooting and Optimizing Drives and Controls" (a panel discussion) takes place in GWCC 402, Session N6 on wet laid processes is being held in GWCC 403, and OpEx concludes its day-long program with the final presentations on "Reliability Strategies, Management, Technologies" in GWCC 407.



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MF-NW-011



## 1915 FACT!

The U.S. House of Representatives rejects a proposal to give women the right to vote.



# OpEx Reliability workshop features 13 expert speakers



Idhammar



Crowe

Today's OpEx Maintenance and Reliability Workshop begins at 8:00 a.m. in GWCC 407, and features a slate of 13 speakers. Improving Production Reliability will be the theme for the morning session, while the afternoon will focus on Reliability Strategies, Management, and Technologies. Torbjörn (Tor) Idhammar of IDCON, helped develop the maintenance-focused program. Due to the full, compacted program this year, OpEx coffee/refreshment breaks will be served in the workshop room at 10:00 a.m. and 3:00 p.m. Idhammar begins the program with an in-depth look at maintenance excellence and how it can be achieved. John Crowe, ex-CEO of Buckeye Technologies, then looks at how to effectively present the value of reliability to upper management with his "Show Me the Money" presentation. Pat Akins of Weyerhaeuser explores how a reliability team finds millions of dollars in the pulp mill. He reviews the activities to take a planned and scheduled facility through PM/PdM optimization and beyond into the "precision state."

In Part II of the morning OpEx session, Michel Cote of Prosygma Canada examines criticality analyses and spare parts management. Tomas Jutbo of Voith then takes a



close-up look at maintenance excellence as a "Prerequisite for Operational Excellence in the Age of Big Data."

Lunch and conference networking today will take place in the PaperCon exhibit area from noon to 1:30 p.m.

In the afternoon, Tor Idhammar and Tim Dunton of Reliability Solutions, explore root cause problem elimination, while Jay Stallings of Andritz takes an "inside look" at a preferred partner program. Rounding out the first half of the afternoon session, Bill Boyd of SKF discusses maintenance strategies for motors, pumps, and fans.

Part II—Technology Sessions—of the afternoon program features three speakers who will analyze some of the industry's latest tools and training approaches. Patrick Parvin of SPM Instruments N.A., will present a pulp and paper industry case study on applications of low RPM bearing monitoring. Tim Dunton of Reliability Solutions explores Precision Maintenance of Craft Skills Training, and Greg VanHandel of Valmet completes OpEx program with his presentation on Roll Maintenance and Modernization: A Methodology for Optimizing Roll Run Times and Performance.

## Georgia-Pacific's James Hannan named PIMA Executive of the Year

James Hannan, president and CEO of Georgia-Pacific, began his career with Koch Industries in 1998 as chief financial officer with Koch Mineral Services. After the acquisition of Georgia-Pacific in late 2005, he was named G-P's executive vice president and chief administrative officer. In August 2006, he was promoted to president and COO and named to the company's board of directors before being named CEO and President in November 2007, a position he currently holds. Hannan is also actively involved in a number of organizations including the Atlanta Committee for Progress, which he chaired, the Center for Human and Civil Rights, the Georgia Research Alliance, and the Atlanta Police Foundation. He has also worked closely with the foundation board of California State-East Bay and with Sustainable Forestry Initiative Inc.

G-P is one of the world's top manufacturing firms, with 17 locations in Georgia and operations that employ more than 7,000 people directly while creating opportunities for another



(l-r) Matt Szymanski, Green Bay Packaging; Larry N. Montague, President and CEO, TAPPI; James Hannan, President and CEO, Georgia-Pacific; Chris O. Luetgen, Chair, TAPPI.

28,000 across the industry. It produces a variety of products that range from tissue to building-related chemicals. During Hannan's tenure, Georgia-Pacific has invested more than \$12 billion into its businesses through acquisitions, innovation, and investments in existing operations. During that same time, it has also paid down approximately \$9 billion in debt.





# Don't miss tomorrow's State of the Industry session



Rager



Powers



Carvalhaes

Tomorrow morning respected industry analysts will look at industry trends, drivers and what to expect in the coming years.

Confirmed panelists include: Jon Rager, Vice President, Mill Intelligence, RISI; Tedd Powers, Senior Consultant, Fisher International; and Elizabeth de Carvalhaes, CEO and President of the Brazilian Tree Industry.

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# On Wednesday morning: Making paper from foam



On Wednesday, April 22, Erkki Hellen of VTT in Finland, will describe innovative foam forming technology for papermaking.

The use of foam to form paper dates back to the 1970s or 1980s and on the surface is a relatively simple concept. Instead of mixing fibers with just water, fibers and other furnish components are mixed with foam consisting of water, a foaming agent and air. The resulting foamy mix has a 30%-70% air content and air bubbles that prevent flocculation of fibers in the headbox

This enables production of light weight structures, saves resources, and opens up a way to utilize traditionally challenging raw materials, from nanoparticles to long fibers.

The concept, which is easily retrofitted to a conventional paper machine, is now being tested by Valmet which intends to “upscale” the technology soon.

# PaperCon 2015

ATLANTA • GEORGIA

11TH ANNUAL

## RUNNABILITY FUN RUN WALK

APRIL 22, 2015

For all you fitness-minded early birds, the 11th annual Runnability Fun Run Walk will be held tomorrow morning at 6 a.m. in Piedmont Park. It will feature a 5K run and a 2K walk.

Held annually, this event raises funds to provide scholarships for deserving students in pulp and paper science and technology programs. All proceeds from this year's event will support the Paper & Board and Process Control divisions in 2015.

For more information, check with the Fun Run desk at TAPPI Central.

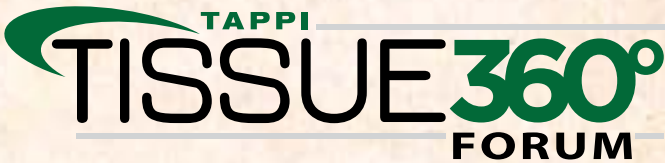


# Tissue360° Forum continues on Tuesday, concludes on Wednesday

Tuesday’s Session T3 on Chemistry and Additives for Process Improvement from 8-10 a.m. reports on advances in fiber surface chemistry and internal additives for tissue production, as well as advancements in refining technology for today’s tissue machines. The second session on process innovations (T4) from 10:30 a.m. until noon, focuses on getting Yankee chatter under control, Yankee hood “cascading” vs “parallel” operating mode, and embedded sensors and grooving in tissue machine press rolls.

Lunch and conference networking on Tuesday will take place in the PaperCon exhibit area from noon to 1:30 p.m.

The joint T5 session with NETInc, from 1:30-3:00 p.m. explores the nonwovens interaction with tissue in



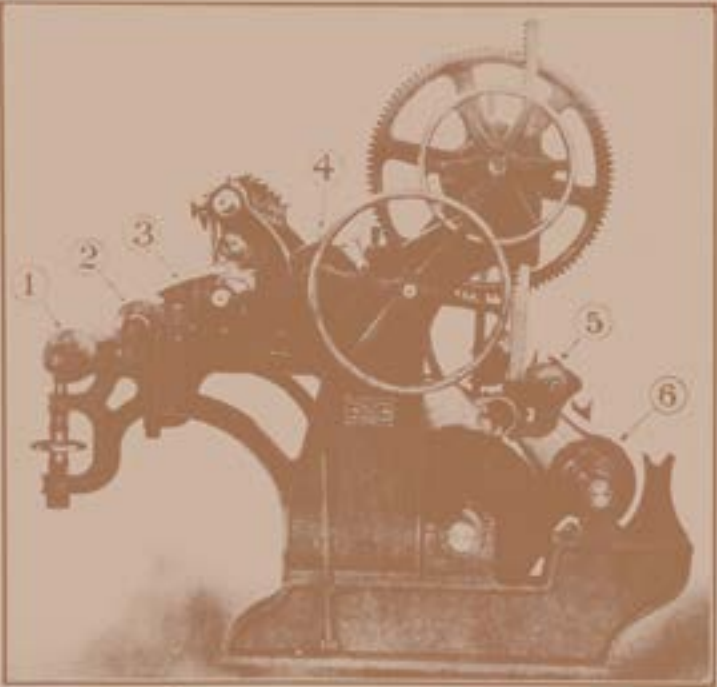
the manufacture of bioactive tissue and antimicrobial products. Following a refreshment break in the exhibit area, four tissue experts will participate in the T6 panel discussion from 3:30-5:00 p.m. on troubleshooting and optimizing drives and controls.

Wednesday’s Session T7 on Process Control for Tissue from 8-10:00 a.m. examines a complete tissue production improvement system, online measurement and control of tissue weight using infrared technology, imaging-based on-line measurement of crepe structure, and new on-machine instrumentation that ensures operator safety, saves energy, and extends felt life. Following a refreshment break in the exhibit area, Session T8 from 10:30 a.m. to noon is a Yankee doctor blade vibration panel discussion with five expert participants.

Following lunch, again in the exhibit area, Session T9 on product innovations, from 1:30-3:00 p.m., examines the tissue product development process and coreless tissue rolls. Session T10 (following a refreshment break) from 3:30-5:00 p.m., investigates tissue structure and analytical tools. It includes presentations on analysis of the engineered structure of tissue and towel papers using 2D and 3D radiographic, tactile, and instrumental characterization of tissue products, and a creping mechanics model.

The T11 wrap-up session from 5:00-5:30 p.m. Wednesday completes this year’s Tissue360° Forum.





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## 1915 FACT!

Frank Home Run Baker announces his retirement following a contract dispute with Connie Mack. He sits out 1915 season.



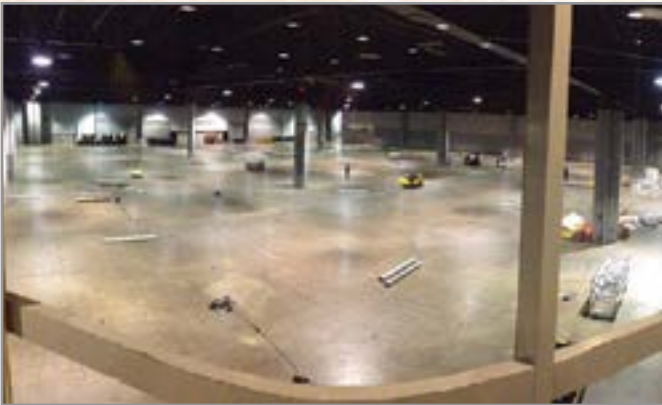
# Student of the Year Award



Katherine Ebensperger is a student at University of Wisconsin, Stevens Point, studying Paper Science and Engineering. She has co-oped and interned with Appvion in their thermal research department, and this summer will work for Sonoco in Menasha, Wisc. She is part of Big Brothers Big Sisters, is captain of the Women’s Ultimate Frisbee club on campus, and serves as activities coordinator for the UWSP Student Chapter of TAPPI. She says that this award helps her “recognize my past hard work and developed interest in paper science and engineering and how continuing on this path will further my career. It also is a reminder of how I can help promote more interest for current students in the program and related activities.”

(l-r) Matt Szymansky, Green Bay Packaging; Larry N. Montague, President and CEO, TAPPI; Katherine Ebensperger; Chris O. Luetgten, Chair, TAPPI.


# PaperCon Before and After



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Valmet will introduce three new products this week at their booth in the exhibition hall.

The new Valmet IQ Process and Quality Vision is its next generation machine vision solution. The main components are the Valmet IQ Web Inspection System and the Valmet IQ Web Monitoring System that a papermaker to see defects that weren’t visible previously.

A new Valmet Pulp Analyzer offers on-line high definition fiber analysis for real-time sheet strength management, Valmet’s new Valmet IQ Fiber is a new standard for tissue weight and moisture measurement, that can replace nuclear sensors on colored tissue.



# Tuesday Committee Meetings

All committee meetings, unless otherwise indicated, are open to anyone attending PaperCon 2015 and co-located events. Attendees are encouraged to visit one or more of these meetings and meet some of their colleagues.

## Tuesday, April 20

6:30 am - 7:45 am	Multi-ply Board Machine Roundtable for Mill Personnel ** <i>Organized by RPTA (Breakfast provided)</i>
7:00 am - 8:00 am	ASPI Breakfast **
7:00 am - 8:00 am	PIMA Executive Council ** <i>(Breakfast provided)</i>
7:00am - 8:00am	NETInc Building Sciences Committee Meeting
7:00am - 8:00am	NETInc Filtration Committee Meeting
7:30 am - 8:30 am	International Research Management Committee ** <i>(Breakfast provided)</i>
9:00 am - 10:00 am	Optical Properties Committee
10:00 am - 11:00 am	Pulp & Chemical Properties Committee
11:00 am - 12:00 pm	Tissue Properties Subcommittee
12:00 pm - 1:00 pm	Fluid Mechanics Committee <i>(Lunch provided)</i>
12:00 pm - 1:30 pm	Local Section Officers Team <i>(Lunch provided)</i>
12:00 pm - 1:30 pm	PIMA Women in Industry Committee <i>(lunch provided)</i>
12:30 pm - 1:30 pm	PIMA IT Committee
1:30 pm - 3:00 pm	Physical Properties Committee
3:00 pm - 3:30 pm	Standards Advisory Review Group (SARG)
3:30 pm - 5:30 pm	Quality & Standards Management Committee **

*\*\*By invitation only      GWCC = Georgia World Congress Center*



## Join the YP's at 2015 PaperCon for great networking opportunities!

### Sunday, April 19

2:30pm-4:00pm  
Couch Pit & YP  
Mentor Reception  
Where: Taco Mac  
100 Techwood  
Drive, Atlanta



8:00pm-9:30pm  
YP Mixer and Alumni Soiree  
Where: Omni, North Tower  
International Ballroom  
Salon F

### Monday, April 20

1:30pm-3:00pm  
M3: Recruitment &  
Retention of Young  
Engineers in the Pulp &  
Paper Industry  
GWCC 312

3:30pm-5:00pm  
M4: Different Generation  
Gaps - Management &  
Relationships  
GWCC 312

### Tuesday, April 21

6:45am-8:00am  
Hot Topic Breakfast: Teaching  
Old Dogs New Tricks - The  
New Dog Perspective  
GWCC 302

7:00pm-9:00pm  
PaperCon Awards Dinner -  
YP Top 20 Under 30 Winners  
Recognized  
Where: Omni, International  
Ballroom Salon EF  
*(Separate Registration Required)*

### Wednesday, April 22

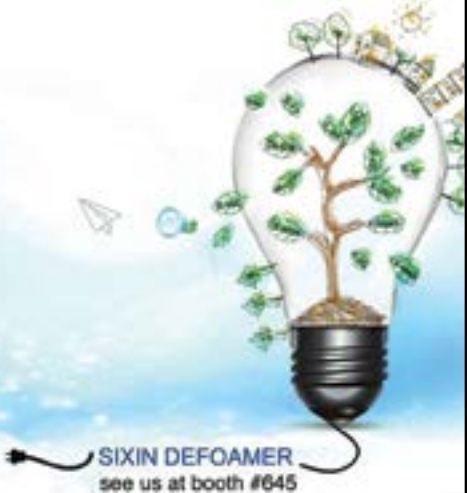
12:00pm-1:30pm  
YP Committee  
Meeting\*  
*(Lunch Provided)*  
GWCC 302

*\*The TAPPI Young  
Professionals Division  
invite you to join this  
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# TAPPI/PIMA Award Winners

## ■ TAPPI NATIONAL

### *Gunnar Nicholson Gold Medal Award*

Charles P. Klass, Klass Associates

### *Herman L. Joachim Distinguished Service Award*

Jonathan C. Kerr, Paper Science and Engineering Foundation, Miami University

### *Paul Magnabosco Outstanding Local Section Member Award*

Elizabeth Etheridge, RockTenn

## ■ PIMA MANAGEMENT DIVISION

### *2015 PIMA Executive of the Year*

James Hannan, Georgia-Pacific

### *Mill Manager of the Year*

John Eric Ashby, Domtar, Windsor, Quebec

### *Brookshire Moore Superintendent of the Year*

Troy Wilson, Domtar, Ashdown, Arkansas

### *Ray H. Cross Community Service Award*

Clark Shabo (retired), Shabo Printing

### *Tom Sheerin Award*

Wavell Cowan, Pulmac Ventures

### *Student of the Year Award*

Katherine Ebensperger, University of Wisconsin, Stevens Point

### *Technologist of the Year*

Ben DeSollar, Sumter Packaging Corporation

## ■ COATING AND GRAPHIC ARTS

### *Coating and Graphic Arts Division Technical Award and the Charles W. Engelhard Prize*

Roger Wygant, Optical Physicist

### *Coating and Graphic Arts Division Leadership & Service Award & the DuPont Soy Polymers Prize*

Jim Niemiec, Verso

### *Coating and Graphic Arts Division and MWV Outstanding Educator Award*

Doug Bousfield, University of Maine

## ■ PAPER AND BOARD DIVISION

### *Paper and Board Division Technical Award and Harris O. Ware Prize*

Lee Dillon, International Paper

### *Paper and Board Division Leadership & Service Award and Oscar May Prize*

John Neun, Albany International

## ■ ENGINEERING DIVISION

### *Division Technical Award and Beloit Prize*

Douglas F. Sweet, Doug Sweet and Associates

## ■ PROCESS AND PRODUCT QUALITY DIVISION

### *Process and Product Quality Division Leadership and Service Award*

Don Guay, Verso

## ■ PROCESS CONTROL DIVISION

### *Process Control Division Technical Award*

Calvin Fu, Metso Automation (Valmet)

## ■ NET DIVISION

### *NET Division Technical Award and Mark Hollingsworth Prize*

Jeff Haggard, Hills Inc.

### *NET Division Leadership and Service Award and Dow Chemical Company Prize*

Maureen Nunn, Dow

### *Innovations in Nonwovens Award sponsored by The Herty Advanced Materials Development Center*

Carl Hampson and Gert Mueller, Knauf Insulation

## ■ RESEARCH AND DEVELOPMENT

### *Research and Development Technical Award and William H. Aiken Prize*

Michael Paleologou, FPInnovations







# DINING GUIDE



RESTAURANT	PRICE	CUISINE	PHONE	OPEN SUNDAY
Benihana (reservations accepted)	\$\$\$	Japanese	404-522-9629	Yes – dinner
Café Intermezzo (patio)	\$\$	European	404-355-0411	Yes
Cuts Steakhouse	\$\$	Steak	404-525-3399	Yes -dinner, late
Durango (private room available)	\$\$	Tex Mex /Steak	404-222-0103	Yes – dinner
Fire of Brazil (reservations accepted)	\$\$\$\$	Brazilian	404-525-5255	Yes - dinner
Hard Rock Café (private room available)	\$\$	American	404-688-7625	Yes
Haveli Indian Cuisine (no reservations)	\$\$\$	Indian	404-522-4545	Yes --dinner
Hsu's at Peachtree Center	\$\$\$	Chinese	404-659-2788	Yes – dinner
Sweet Georgia's Juke Joint	\$\$	Southern/Soul	404-209-0907	Yes – dinner
Max Lagers Wood-Fired				
Grill & Brewery (private room available)	\$\$\$	Continental	404-525-4400	Yes – dinner
McCormick & Schmick's	\$\$\$\$	Seafood	404-521-1236	Yes
Metro Café Diner (open 24 hours)	\$	Variety	404-577-1420	Yes – late
Morton's (private room available) closed/lunch	\$\$\$\$	Steak	404-577-4366	Yes – dinner only
Pacific Rim (reservations accepted)	\$\$\$	Pan Asian & Thai	404-893-0018	Yes – dinner
Pitty Pat's Porch (private room) closed/lunch	\$\$\$	Southern	404-525-8228	Yes – dinner only
Ray's in the City				
(reservations accepted--private room available)	\$\$\$	Seafood	404-524-9224	Yes - dinner
Polaris @ Hyatt Regency	\$\$\$	American	404-577-1234	No
Sun Dial Restaurant	\$\$\$	American/Seafood	404-589-7506	Yes - brunch
Sway @ Hyatt Regency (reservations suggested)	\$\$\$	Southern	404-577-1234	Yes
Truva (patio & private dining)	\$\$\$	Mediterranean	404-577-8788	Yes
Twenty Two Stories				
@ Hyatt Regency (no reservations)	\$\$\$	Southern	404-460-6318	Yes
White Oak Kitchen & Cocktails	\$\$	Contemporary Southern	404-524-7200	Yes

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PAPERCON EXHIBITOR MAP

Exhibitor map showing various booths and zones including Maintenance & Reliability Zone, Sustainability Zone, and others. Includes booth numbers and company names.

Company Name	Booth#	Company Name	Booth#	Company Name	Booth#
20/20	127	EcoSynthetix	933	Orbital Energy Services	651
3M, IATD	230	EDT	825	Panther Systems, Inc	214
Acquidata, Inc.	451	Emerson Process Management	811	Papertech Inc.	650
ADI Systems Inc.	752	Enerquin Air	834	Performance Consulting Assoc. Inc.	146
Advance Industrial Refrigeration, Inc	344	Enzyme Innovation	124	Philadelphia Mixing Solutions, Ltd.	119
Advanced Coil Technology	246	Ethos Energy	438	PMP Group	924
Aeration Industries International	130	Event Capture Systems Inc.	229	Polytec, Inc.	845
AkzoNobel	424	Feltest Equipment	930	Probiotic Solutions	950
Amec Foster Wheeler	739	Fulton Systems	740	Process Barron	925
Andritz	324	GF Piping Systems	232	ProFlow Inc.	224
Apollo Valves / Conbraco Ind.	338	Hargrove Engineers + Constructors	931	ProMinent Fluid Controls, Inc.	113
Applied Technical Services, Inc.	545	Henko Industries	245	Quattro Engineering + Design	818
Aries Chemical	145	Henkel Corporation	114	RAJ Chemicals LTD	112
AstenJohnson/Paperchine	724	High Plains Milling	352	RTS Alliance, LLC	411
Atlantic Packaging Corp.	847	Hoist & Crane Service Group	118	Ryco Inc.	915
Aurora Specialty Chemistries	819	Honeywell Process Solutions	745	Schoen Insulation Services	252
Austin Industrial	838	IBS Paper Performance Group	239	Schreiber LLC	951
Automatic Handling International, Inc.	220	Imerys Paper and Packaging	431	Schwing Bioset, Inc.	450
BASF Corporation	619	Industrial Psychologists, Inc.	250	Sekisui Specialty Chemicals America, LLC	315
Bekaert Corporation NCD	736	Ingredion Incorporated	733	Shur Clean USA, LLC	244
Bercen, Inc.	824	Innventia AB	332	Siemens Industry, Inc.	311
Bettaway Pallet Systems	852	IPS Testing / WIST	830	Silvent North America	835
Blankophor, Division of Indulor America LP	226	ISRA VISION	231	SKF USA	711
BLH NOBEL	115	IVC Technologies	110	Solenis	319
Bolle Safety	751	J. Rettenmaier USA LP	750	SonicAir made by IES	151
Bolzoni Auramo	440	Jedson Engineering	611	SOS Service Inc.	350
Brunson Instrument Company	147	Kadant Inc.	425	Souhegan Wood Products, Inc.	339
BTG Americas Inc.	219	KaMin LLC	415	Spooner Industries	314
Buckman	525	KCF Technologies	133	Spraying Systems Co.	235
Celanese Emulsion Polymers	625	Kemira	211	Strongarm Designs	111
Cellwood Machinery	631	Kuraray	944	Tank Engineering & Management	447
ChemStation International, Inc.	719	Kytola Instruments	639	Technidyne Corporation	325
Coatex Inc.	725-01	LUDECA, INC.	738	tekWorx	919
COGNEX	633	M. L. Gatewood Co.	814	Testing Machines Inc.	731
Coldwater	443	M/K Systems Inc.	927	The Aderhold Firm, Inc.	641
Conmark Systems Inc.	345	MAN Diesel & Turbo North America Inc.	225	The Way, Incorporated	116
Connexus Industries, Inc.	851	MEL Chemicals	228	Thiele Kaolin Co.	552
Cooling Tower Depot	550	Metso Expertune	126	Thwing-Albert Instrument Company	815
Core Link Inc.	125	Michelman	144	TSP	215
CP Kelco	131	MIOX Corporation	128	University of Maine	833
Cristini	615	Miron Construction Co., Inc.	921	Valley Roller Company Inc.	832
CVN Vooner Paper Machinery	210	Monarch II Systems	917	Valmet	331
DANICORE LLC	929	MSK	132	Vaughan Company, Inc.	945
Deep South Industrial Services Inc.	911	Nalco Company	511	Verder, Inc.	914
Deublin Company	328	Nanjing Sixin Scientific-Technological		Voith Paper	831
DeZURIK/Apco/Hilton	816	Application Research Institute Co, Ltd.	645	Wacker Chemical Corp	932
Dialight	251	Nash, by Gardner Denver	341	Watson-Marlow Fluid Technology Group	129
Doug Sweet & Associates, Inc	715	NES	134	Wenrui Machinery (Shandong) Co. LTD.	120
Dow Chemicals	410	Nickel Systems	850	Wetend Technologies Ltd	318
DuBois Chemicals, Inc.	718	North American Industrial Services	243	Wire Tech Inc.	551
Early Construction Inc.	351	Oasis Alignment Services, Inc.	234	Wolseley Industrial	947
Econotech Services Ltd.	330	Omya Inc	725		
		OpTest Equipment Inc.	515		





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PaperCon 2015

PROGRAM SCHEDULE



Monday, April 20

6:30 - 8:15 am	Valmet Technology Seminar (by invitation only)											
8:30 - 10:00 am	M1 - PIMA Opening Session and AfterBurners Keynote											
10:00-10:15 am	Coffee Break      Sponsored by Wenrui MachineryCo. LTD.											
10:15 - 11:30 am	M2-Executive Panel											
Program Tracks	PIMA Management	Coating	Papermaking Additives	Back to the Future in Papermaking		Process Control & Fluid Fundamentals	RPTA	Tissue360° Forum	NETInc	PLACE	Pulp Manufacturing	Corrugated
	Lunch   In Exhibit Hall, New Technology Showcase I   Coating topics (12:00)											
11:30 - 1:30 pm	M3- Recruitment & Retention of Young Engineers in the Pulp & Paper Industry (YP)	C2 Best Papers	PA1 Advances in Strength Additives	PM1 Keynote & Kickoff- 3 Generations of Perspective		PF1 Process Control Retrospective	1 Advancements in Screening & Cleaning for Recycled Furnishes	T1 - Tissue Market Overview	M1- HERTY Innovations Session	Overview of Paperboard Extrusion Coating Technology	Raw Materials used in Pulping/ papermaking	Future of packaging
3:00 - 3:30 pm	Coffee Break      Sponsored by Coatex											
3:30 - 5:00 pm	M4- Generation Gaps- Management & Relationships (YP)	C3 Innovations	PA2 Impact of Pulp Mill Operations upon Papermaking/Joint Session with PMD	PM2 The Changing Face of Pulp & Paper Education in the U.S.		PF2 The Past Present & Future of CFD Papermaking	2 Steam: Its not just for Dryers Anymore	T2- Process Equipment Innovations I	N2 Flame Retardants Tutorial	Trends in Paper and Extrusion Coating	Impact of Pulp Mill Operations Upon Papermaking (Joint Session with Additives)	The Box Plant of the Future
3:00 - 7:00 pm	Exhibit Hall Open   Reception (4:00-6:00)											
7:00 - 10:00 pm	Centennial Celebration Gala Americas Mart											

\* Additional fee required

(YP) - Young Professionals Session

Tuesday, April 21



8:00 - 10:00 am	M5- Resource Trends & Their Impact on the Pulp & Paper Industry	C4-Board & Converting	PA3 Pulp Chemistry Innovations	PM3 Panel Discussion: Veteran Papermakers Celebrate TAPPI's 100th Anniversary		PF3 Future Papermaking Trends and Development Needs	3 Operational Strategies for Recycled furnishes	T3- Chemistry & Additives for Process Improvement	N3 Process Development	OpEx1 Improving Production Reliability	
10:00 - 10:30 am	Coffee Break - Poster Authors Available										
10:30 - 12:00 pm	M6-Milll Workforce Development	C5 Materials	PA4 Chemistries for Ply-bond Improvements/Joint Session with RPTA	PM4 Paper Machine Performance/Joint Evaluations	PF5 How machine Vision has Improved Papermaking-Past, Present & Future	PF4 The Future of Boards: Predictive Testing through Process Control/Joint session w RPTA	4/5 Chemistries for Plybond Improvement/ The Future of Board/Predictive Testing Through Process Control	T-4 Process Equipment Innovations II	N4 Protective Materials	Improving Production Reliability cont.	
12:00 - 1:30 pm	Lunch in Exhibit Hall										
	New Technology Showcase II Papermaking topics (12:15)										
1:30 - 3:00 pm	M7- Superintendents Round table	C6 Fundamentals	PA5 Productivity Enhancements Through Additives	PM5/PF7 The History and Future of QCS	PF7/PM5 The History and Future of QCS	PF6 Future Forming Concepts	6 Advancements in Technology for Cylinder board Machines	T-5 Antimicrobial/Bioactive Products (Joint w/NETInc.)	N5 Antimicrobial/Bioactive Products (Joint w/ Tissue)	OpEx2: Reliability Strategies, Management, Technologies	
3:00 - 3:30 pm	Coffee Break - Poster Authors Available										
3:30 - 5:00 pm	M8-Energy Strategies for Mills	C7-Hagemeyer Happy Hour	PA6 Increasing Filler Content	PM6 Papermaking Round table	PF8 Applied Fluid Mechanics in Papermaking	PF9 100 years of Process Control Discussion (YP)		T6- Troubleshooting and Optimizing Drives and Controls- Panel Discussion	N6 Wet Laid Processes	Reliability Strategies, Management, Technologies cont.	
3:00 - 7:00 pm	Exhibit Hall Open										
5:00- 7:00 pm	Reception in Exhibit Hall										
7:00 - 9:00 pm	PaperCon/NETInc Awards Dinner										

Wednesday, April 22

6:00am -8:00 am	11th Annual Runnability 5K Run/1.5 Mile Walk*									
Program Tracks	P1MA Management	Coating	PaperMaking Additives	Back to the Future in Papermaking		Process Control & Fluid Fundamentals	Tissue360° Forum	NETInc		
8:00 - 10:00 am	M9- State of the Industry	C8- Operations Round Table	PA7 Microbiological Control	PM7 Success Stories	PF10 Advanced Stock Characterization	PF11 Process Control for Tissue/Joint Session	T-7 Process Control for Tissue	N7 Natural Fibers	Foam Forming Seminar	
10:00 - 10:30 am	Coffee Break									
10:30 - 12:00 pm	M10 Mill Managers Roundtable	C9- The Future of Printing Panel Discussion	PA8 Fiber Based Additives (Nanotechnology CrossOver)	PM8 Paper Machine Systems	PF12 New Developments in Wet End Technology	PF13 QCS Maintenance & CD Control	T8- Yankee Doctor Blade Vibration Panel Discussion	N8 New Developments	Foam Forming Seminar	
12:00 - 1:30pm	Lunches available in committee meetings									
1:30 - 3:00 pm			PA9 New Developments	PM9 Paper Mills of the Future	PM10 Paper Machine Clothing	PF14 Machine Vision	T9- Tissue Product Innovations	N9 Nanotechnology in Nonwovens		
3:00 - 3:30 pm	Coffee Break									
3:30 - 5:00 pm				PM11 Back to the Future in Papermaking Wrap Up		PF15 Process Control & Fluid Fundamentals Wrapup	T10- Tissue Structure & Analytical Tools			
5:00 -5:30pm								Tissue Program Wrap-up		



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**Coldwater ..... 443**

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Connexus Industries is a chain manufacturer, specializing in high quality cast chain and sprockets, both in alloy steel and manganese. We also manufacture specialty chains, steel bushed conveyor chains, welded steel chains and sharp chains. We have locations throughout North America in Oregon, Georgia, British Columbia and Quebec.

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www.corelink.se  
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**Cristini ..... 615**

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**CVN Vooner Paper Machinery ..... 210**

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**DANICORE LLC ..... 929**

www.danicore.com  
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PaperCon - Process Equipment Innovations - Tissue Forum	Embedded Sensors and Grooving in Press Rolls to Improve Tissue Machine Efficiency	Tuesday Apr 21, 10:30 AM - 12:00 Noon	Bob Carney
RPTA - Session 6 - Advancements in Technology for Cylinder Board Machines	Aquarius Armor - Xerium's Dual Durometer Roll Cover Technology	Tuesday Apr 21, 1:30 - 3:00 PM	Glen Harvey
PaperCon - Process Control & Fluid Fundamentals Track, PF8 - Applied Fluid Mechanics in Papermaking	Machine Optimization Through Uniform Moisture Profiles	Tuesday Apr 21, 3:30 - 5:00 PM	Eric Gustafson
PaperCon - Back to the Future in Papermaking Track, PM10 - Paper Machine Clothing	Design Techniques to Coordinate the Optimum Roll Cover & Clothing Combination for Ideal Paper Machine Performance	Wednesday Apr 22, 1:30 - 3:00 PM	Glen Harvey

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**Michelman ..... 144**

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Nancy Plowman Associates, Inc. located in Burlington MA is an independent testing facility established in 1986. NPA specializes in testing printing substrates like paper, board as well as all aspects of the "printing system". Nancy and her staff are experts in diagnosing printing problems and measuring Ink and Paper interactions.

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www.sixinchemna.com  
SIXIN, founded in 1992, specializes in R&D of foam control agents for pulp & paper industry. SIXIN drafts China's first national defoamer standard. Our defoamers cover from silicone to non-silicone, polyether, or fatty alcohol defoamer. SIXIN will always focuses on innovation of foam control technology.

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## 1915 FACT!

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## *Notepad PostIt*

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## *Monday Lunch*

Fluor

## *Floor Sign*

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## *Innovations in Nonwovens Award*

Herty Advanced Materials Dev. Ctr.

## *Tissue360 Forum*

Toscotec North America

## *Fun Run*

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