



25th Anniversary
**Pulp and Paper Industry
Reliability & Maintenance**

25th Pulp and Paper Reliability & Maintenance Conference

for Operations and Maintenance Professionals
September 9 - 12, 2013 - Durham, NC

The "How-To" Conference for the Pulp & Paper Industry

PPRM is...

- *THE reference point for best reliability and maintenance practices*
- *THE forum where Operations, Maintenance, Stores and Engineering develop a partnership organization*
- *THE event where organizations are forging the right strategies, methodologies and technologies*
- *THE industry summit that stimulates networking, dialog and knowledge sharing*
- *THE program where leading experts and practitioners share their experience*

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Easy Registration

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Or call us at 919-847-8764 ext 2685

Key Note Addresses:

Maintenance - The Last Frontier
James Thompson
CEO, Talo Analytic International, Inc.

Implement the Changes You Need to Lead in Your Plant or Organization

Ken Collins
Senior Management Consultant

Presentations:

Results Oriented Reliability & Maintenance Management 2013

Christer Idhammar
Founder & CEO, IDCON INC

The Journey to Continuously Improved Reliability & Lowered Costs

Larry Schindler
*Maintenance & Engineering
Director, Wausau Towel and Tissue*

Mi\$\$ing Million\$ Found in Pulp Mill!

Patrick Akins
*OSB Maintenance & Reliability
Director, Weyerhaeuser*

The Practical Change Process of Building a Reliability Based Culture

Anthony Kenneson-Adams
Maintenance Manager, RockTenn

Reliability & Maintenance Improvements at RockTenn Missisquoi Mill

Wade Taylor
General Manager, RockTenn

Headbox Maintenance

Richard Heitke
Manager of Service Agreements, METSO

Shutdown Maintenance

Gary Smith
*Regional Reliability Lead
Momentive Speciality Chemicals*

Electrical Motor Diagnostics

William Kruger
*Training Technical Manager
AllTest Pro*

Operator Maintenance/PM

Tor Idhammar
President, IDCON INC

Machine Diagnostics

Steven Devries
*Product Manager of Process and
Technical Machinery Audits, METSO*

A wHolistic Approach to Paper Machine Alignment

Bill Wick
Owner and Founder, AIM

Data Analysis & Reporting for Asset Reliability & Maintenance Management

Sunil Kamberkar
Principal Consultant, Reporting House

Maintenance Outsourcing Strategy

Toni Macklin
General Manager, METSO

RCPE Process

Tor Idhammar
President, IDCON INC

Forensics of Failure

Darren Bittick
Consulting Manager, ATS



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Torbjörn Idhammar
President
IDCON INC



Christer Idhammar
Founder & CEO
IDCON INC

Welcome to the 25th Pulp and Paper Industry Reliability and Maintenance Conference (PPRM 2013)

The “How-To” conference for Operations and Maintenance professionals

Since its inception in 1986, the Pulp and Paper Reliability & Maintenance Conference has developed a devoted following of Reliability and Maintenance professionals representing Mill Management, Operations, Maintenance, Stores and Engineering. Over 400 speakers have shared their knowledge and experiences along with over 3,000 conference delegates. Many have attended this event more than five times over the years because this learning forum reflects the reality in their industry.

Every year we evaluate comments from attendees carefully and listen to ideas in plant meetings and open round tables; this keeps the program up to date to provide solutions to meet the constant need to improve productivity and competitiveness.

“This conference is specifically tailored to the pulp and paper operations and maintenance professionals seeking practical, easy to apply advice and solutions to quickly improve the bottom line.”

Our goal is to continue to be the marketplace and forum for Reliability and Maintenance solutions for the pulp and paper industry. We promise to provide an arsenal of improvement solutions to help your mill improve financial performance and survive long term.

The goal of this conference is to provide a forum for Reliability and Maintenance professionals in the Pulp and Paper industry to gain insights from your peers and experience:

- How to implement proven best practices
- How to increase the skills that impact reliability
- Learn the latest techniques and tools in presentations and workshops
- How to build the vital and long-lasting Operations-Maintenance-Engineering partnership *and much more!*

Whether this is your 1st or 25th PPRM conference you will leave with an arsenal of solutions to improve performance that will impact your organization’s bottom line.

Torbjörn Idhammar
President

Christer Idhammar
Conference Chair

Call 1-800-849-2047 or go online: www.pprm.net

Why Attend PPRM 2013?

Why you should attend PPRM 2013!

Learn:

- What the most important enablers and leadership practices are
- From your peers in the industry and how they meet the same challenges
- What the key elements of Reliable Manufacturing are and why you have to execute them well to free up time to do what you need to do
- What Key Performance Indicators to use and when
- What precision operations and maintenance is and what training is needed to upgrade your operator and maintenance skill sets
- Case studies of cost effective tools for predictive maintenance
- How to do a Root Cause Problem Elimination and use it to cement the partnership between operations and maintenance
- How to calculate revenues from improved Reliability in your manufacturing organization
- Why execution of the basics of reliability and maintenance still deliver the best return on investment
- How to optimize reliability and maintenance
- Tools and implementation of operations and maintenance inspection routes

Who Should Attend PPRM 2013?

PPRM is specifically designed for Operations and Maintenance professionals in the Pulp and Paper Industry including:

- Mill Managers
- Operations Managers
- Maintenance Managers
- Planners
- Supervisors
- Operation Maintenance Coordinators
- Reliability Engineers
- Crafts People

PPRM has attracted attendees from around the world.

When is PPRM 2013?

September 9-12, 2013

Where is PPRM 2013?

PPRM 2013 will be held at the Durham Convention Center in Durham, North Carolina. Located near Durham Bulls Athletic Park, Carolina Theater, Duke University and the American Tobacco District.

How to Register for PPRM

Easy registration:

Register online at www.pprm.net

By Fax: 1-919-847-8647 Download the registration form at www.pprm.net

By Phone: 1-800-849-2047 ext. 2685

Bring 10 or more from your company and get a great deal. Call or email us today for details.

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Monday 6-9 pm

Batting Practice and BBQ
Durham Bulls Athletic Park



Tuesday 6-9 pm

Welcome Reception
Durham Convention Center



Wednesday 6-9

Networking Reception
Durham Convention Center

Conference Information



Conference Location

PPRM 2013 takes place at the **Durham Convention Center** in the heart of Durham, North Carolina.

Durham is home to a wide variety of rich and diverse cultural attractions.

The Durham Convention Center is located steps away from the Carolina Theater, a historic landmark that remains a thriving spot for entertainment, and near the Durham Performing Arts Center, a nationally respected arts center.

After the conference events, enjoy Durham's rich architecture, unique restaurants, shopping, art galleries, and museums.



Batting Practice at the Durham Bulls Athletic Park

Monday, September 9th
6 pm to 9 pm

Durham is home to the Bulls Triple-A baseball team made famous in the Kevin Costner movie "Bull Durham".



Loosen up those arms and take a swing!

The DBAP is located within walking distance from the convention center and hotel. This event is open to all conference attendees so be there on Monday to join the fun!



Hotel Accommodations

Durham Marriott City Center
201 Foster Street
Durham, NC 27702
1-800-909-8375

Group code: pappapa

Book by August 24th for the group rate!

Ground Transportation

The hotel is located 14 miles from the Raleigh Durham Airport (RDU).

Call 1-800-849-2047 or go online: www.pprm.net

We invite you to bring your improvement team!

The best results from attending are achieved if a team representing Maintenance Management, Operations, Maintenance, Engineering, and Stores attend together.

Bring your entire team for a great discount!



Workshops

Monday September 9th: Pre-Conference Workshops

Time	Workshop	Abstract
8 am to 12 pm	<p><i>Workshop A</i> Suction Roll Maintenance</p> <p>Richard Heitke Manager Service Agreements METSO</p>	<p>Suction rolls vary by where they are located in the machine and the product being produced, but designs and construction are basically similar. The function of suction rolls has changed over the years as paper making machine speeds have increased. Sheet dwell time over the vacuum area has been reduced and a smaller amount of water is pulled into the suction box. Along with functional changes, higher operating speeds also present maintenance challenges.</p>
8 am to 12 pm	<p><i>Workshop B</i> Pump Reliability</p> <p>Colleen Reeves, COO Ted Corbeill, Sales Engineer Corrosion Fluids</p>	<p>This workshop will introduce basic centrifugal pump principals, designs, and operational requirements based on pump performance curves, tools and techniques for understanding failure indicators and changes in pump performance. An interactive case study involving failure mode identification, a mini system analysis study designed to identify the root cause of failure, and solutions to eliminate the cause of the failure will be discussed.</p>
1 pm to 5 pm	<p><i>Workshop C</i> Hydraulics Reliability</p> <p>Jack Weeks Hydraulics Consultant GPM Hydraulics</p>	<p>The only preventive maintenance most plants perform is to change the filters regularly and to check the oil level. In this workshop, you'll learn the tests to determine the condition of the hydraulic pump and know when to change it BEFORE it causes a shut down condition. Learn the three methods for determining if the system accumulator is delivering the required volume, the causes of leakage and what you can do to prevent them, and how and where to set the pressures to operate each system at its optimal level.</p>
1 pm to 5 pm	<p><i>Workshop D</i> Precision Maintenance</p> <p>Ian McKinnon Founding Principal and Trainer Reliability Solutions</p>	<p>The precision maintenance overview is a cross organizational presentation that takes the time to introduce where precision maintenance begins and what it can encompass. The session uses practical and real world dynamic demonstrations to recognize, realize and reinforce the results of: misalignment, unbalance, common assembly misconceptions, case distortion, torquing practices, resonance, dynamic soft foot, and other errors found in today's manufacturing world. The presentation provides a review of field results obtained in asset reliability improvement, production enhancement, maintenance cost reduction and energy conservation.</p>

Speakers and Topics are subject to change

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Conference Schedule

Tuesday September 10th: Conference Schedule

Time	Presentation Title & Speaker	Abstract
8:15 am to 12:00 pm Conference Kickoff Seminar	Results Oriented Reliability & Maintenance Management 2013 Christer Idhammar Founder and Executive Vice President IDCON INC	The frontline of operations and maintenance includes supervisors, team leaders, planners, coordinators, craftspeople and operators. This is where all improvement initiatives developed by managers meet reality and where results will be delivered or not. Most organizations know what they need to do but rarely execute. Why do so few do it and why do so few achieve world class performance?
1:00 pm to 2:00 pm Keynote Presentation	Maintenance - The Last Frontier James Thompson CEO Talo Analytic International, Inc.	We have evolved from breakdown to preventive to predictive to...in the maintenance function. Predictive tools and software have become better and better. We have reduced the frequency and length of production stoppages, but at the end of the day, we still have technicians turning wrenches while production lines are silent. We still have storerooms full of expensive parts. What does the future hold?
2:05 pm to 2:50 pm Peer Presentation	The Journey to Continuously Improved Reliability and Lowered Costs Larry Schindler Maintenance and Engineering Director Wausau Towel and Tissue	Case Study: Why we need to continuously improve; Where we started; How we identified our gap to better performance; Obstacles to overcome.
3:20 pm to 4:05 pm Peer Presentation	Mi\$\$ing Million\$ Found in Pulp Mill! Patrick Akins OSB Maintenance & Reliability Director Weyerhaeuser	The setting for this work can be found commonly throughout the industrialized world. Likewise, the results we achieved for our efforts could be duplicated just as much. In this instance we're working in a 75 year old Pulp & Paper Mill in the Pacific Northwest.
4:15 pm to 5:00 pm Peer Presentation	The Practical Change Process of Building a Reliability Based Culture Anthony Kenneson-Adams Maintenance Manager RockTenn	We all know that reliability is a major success factor that impacts the bottom line. We all know that the same tools and techniques are equally available to us as to our competitors. We all know that it is our people that make the difference. We all know that 80% of any successful reliability program is the people. We all know that reliability is a team effort and the senses and training of every technician is a force multiplier for reliability. We all know that changing our culture so that getting everybody engaged in a culture of reliability is the key. So what is it that we do not know that is stopping reliability success being our daily reality?

Wednesday September 11th: Conference Schedule

Time	Presentation Title & Speaker	Abstract
8:00 am to 9:00 am Peer Presentation	Reliability & Maintenance Improvements at RockTenn Missisquoi Mill Wade Taylor General Manager RockTenn	Preview of reliability and maintenance improvements and initiatives. What was easy and what are the obstacles to overcome.
9:05 am to 10:00 am Technical Presentation	Headbox Maintenance Richard Heitke Manager of Service Agreements METSO	The function of the headbox is to regulate and deliver a uniform stock flow to the forming section of the paper making machine. Optimum performance requires precise jet control, turbulence control, fiber dispersion and fiber orientation across the entire slice width. This discussion will focus on headbox maintenance recommendations necessary to keep the headbox operating as designed.
10:30 am to 11:15 am Peer Presentation	Shutdown Maintenance Gary Smith Regional Reliability Lead Momentive Speciality Chemicals	Shutdown Maintenance involves detailed planning. This presentation is a collection of different activities used to coordinate large turnarounds. Four topics will be highlighted Pre-Outage, Detail Planning, Implementation and Post Outage.
11:20 am to 12:05 pm Technical Presentation	Electrical Motor Diagnostics William Kruger Training Technical Manager AllTest Pro	This presentation will focus on the latest available and most effective techniques for identifying faults in electrical motors as well as the entire motor system. We will present field proven methods of identifying the electrical condition of motors and transformers while in both de-energized and energized condition.

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Conference Schedule

Wednesday September 11th: Conference Schedule

Time	Presentation Title & Speaker	Abstract
1:00 pm to 1:45 pm Process Presentation	Operator Maintenance/PM Tor Idhammar President IDCON INC	Including operations in Essential Care and basic inspections of equipment is mostly an untapped improvement opportunity. An easy to use system combined with basic "know-why" and "know-how" training is necessary for successful and sustainable improvements.
2:00 pm to 2:45 pm Technical Presentation	Machine Diagnostics Steven Devries Product Manager of Process and Machinery Audits METSO	It is essential to know what is failing and why it is failing to not only fix it, but prevent it from failing prematurely in the future. For this reason, skilled paper machine diagnostics is an essential element in a company's ability to compete in the market. Fortunately, technology continues to rapidly evolve, bringing ever more powerful, portable and lower cost diagnostic tools in the hands of the people responsible for keeping the paper machine operating at high efficiency levels. This presentation will briefly introduce the applications and benefits of the main technologies available today. None of these technologies alone can accurately and consistently evaluate the operating condition of critical production systems, therefore analysts must use a combination of technologies.
3:15 pm to 4:00 pm Technical Presentation	A wHolic Approach to Paper Machine Alignment Bill Wick Owner and Founder American Industrial Metrology	As the paper industry infrastructure gets older, proper machine and roll alignment becomes even more critical. The AIM wHolic approach looks at the paper machine as one machine and not as the various sections. Each section feeds the following section and section-to-section is where the alignment can be the most critical. You think the alignment problem is in the Winder, but maybe it really starts in the dryer or reel section. This is important for good product flow. This is true of rolls as well. Each roll has an effect, good or bad on the rolls that precede or follow them. It is important to understand how making an adjustment will affect the rest of the paper machine.
4:05 pm to 5:00 pm Technical Presentation	Data Analysis & Reporting for Asset Reliability & Maintenance Management Sunil Kamerkar Principal Consultant Reporting House	Asset Operations and Maintenance generate a lot of data which often resides in disconnected systems. Asset Maintenance and Reliability professionals always face challenges of managing large amount of current and historic data and leverage it for making it available for analysis for all the people involved. This session will cover strategies of combining data from various sources and also discuss various ways of delivering analysis, metrics, KPIs, dashboards, scorecards & reports.

Thursday September 12th: Conference Schedule

Time	Presentation Title & Speaker	Abstract
8:00 am to 9:00 am Keynote Presentation	Implement the Changes You Need to Lead in Your Plant or Organization. Ken Collins Senior Management Consultant	The objective of this presentation is to equip you with tools and ideas that will help you implement the changes you need to lead your plant or organization. Observations and lessons learned by a 30 year veteran of the pulp & paper, specialty chemicals and consumer products industry. The discussion will highlight the things that went well and those you may be able to avoid.
9:05 am to 9:45 am Technical Presentation	Maintenance Outsourcing Strategy Toni Macklin General Manager METSO	Today, world class production lines are in need of world-class after-market services. This is a story about turnkey maintenance establishment, global cost competitive maintenance operations, optimized production consumables and proven references.
10:00 am to 10:45 pm Process Presentation	RCPE Process Tor Idhammar President IDCON INC	80% of all reliability problems can and should be solved by the frontline organization. The frontline organization includes supervisors/team leaders, operators, maintenance crafts people, maintenance coordinators, and planners representing both operations and maintenance. In a world class maintenance organization, up to 30% of all hours could be used to do RCPE.
10:30 am to 11:15 am Technical Presentation	Forensics of Failure Darren Bittick Consulting Manager Applied Technical Services	Equipment has the potential to operate in a trouble-free, reliable manner. When machinery fails, the deteriorated mechanical components "tell a story" of what factors influenced and ultimately resulted in their failure. Understanding how to read the information contained in the location, direction and surface characteristics of the failed components enables accurate determination of these failure causes.

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How can you attend?

Date	All Access Registration <i>Workshops and Conference</i> (September 9-12)	Conference Only Pass (September 10-12)
Before July 30th – per person Save \$300 off the standard rate	\$1,195	\$695
After July 30th – per person	\$1,495	\$995
Group Rate (3 to 10)* <i>*must register and pay on single PO</i>	\$1,295	\$795
Bring your team up to 25 (25 or more? call for pricing) <i>*must register and pay on single PO before August 1, 2013</i>	\$10,000	



For More information:
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 info@idcon.com

