

# the PAPTAC NEWS

July 2010



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## Annual Meeting 2011 – Call for Papers

The Association's 97th Annual Meeting will be held in Montreal early February 2011 and is the flagship event for the Canadian pulp and paper industry. Paper submissions are requested in the areas of bleaching, papermaking, pulping, process control, research, engineering, environment, recycling, energy cost savings, business, and other emerging industry topics.

At the time of submission, authors are requested to designate the category under which they would want their paper to be evaluated. If more than one category is designated, the submission will go to the first program committee that accepts it. Submissions are welcome in English and French.

The deadline for abstract submissions is **September 10, 2010**.

For further information, please contact Greg Hay at [ghay@paptac.ca](mailto:ghay@paptac.ca) or 514.392.6964.

## International Mechanical Pulping Conference 2011 – Call for Papers

The next edition of the IMPC will be hosted in China in June 2011, and is co-sponsored by PAPTAC, TAPPI (USA), SPCI (Sweden), and PI (Finland).

Papers are sought on all aspects of mechanical pulping – energy use, pulp brightening, fibre characteristics, pulp quality and paper properties. This major event will take place in one of the most active areas in the field of mechanical pulping.

Those wishing to present a paper or poster, should submit their abstract to Greg Hay at [ghay@paptac.ca](mailto:ghay@paptac.ca) by **November 1, 2010**.

Information on registration fees, registration procedures, hotels, program, social functions and other conference related logistics will be forthcoming shortly. Visit [www.paptac.ca](http://www.paptac.ca) periodically for updates.

Contact: C Lato ([clato@paptac.ca](mailto:clato@paptac.ca) / 514.392.6969) or G Hay ([ghay@paptac.ca](mailto:ghay@paptac.ca) / 514.392.6964)

## Coming Events

### PAPTAC CO-SPONSORED EVENTS:

- 9<sup>th</sup> Research Forum on Recycling – Oct 18-21, Norfolk, VA  
[www.paptac.ca](http://www.paptac.ca) to view the detailed Calendar of Events

### OTHER INDUSTRY EVENTS:

- 14th Fundamental Research Symposium – Sept. 13-18, Oxford (UK)
- China Paper Shanghai – Sept. 15-17, Shanghai CHINA – [www.chinapaperexpo.com](http://www.chinapaperexpo.com)
- Control Systems 2010 – Sept. 15-17, Stockholm SWEDEN – [www.controlsystems2010.com](http://www.controlsystems2010.com)
- TAPPI Engineering, Pulping, Environmental Conference – Oct. 11-14, Memphis, TN - [www.tappi.org](http://www.tappi.org)

# Web Webinars

## TRAINING — THEORY & PRACTICE OF PAPERMAKING



Mill equipment and processes have evolved to become faster, more efficient, and more consistent. Do not rely on outdated manuals as the primary means to transfer knowledge. Plan to register for the upcoming series of Papermaking webinars aimed at new or inexperienced workers in this sector, or those wishing for a refresher, on the overview of the paper machine and its operations at both the wet and dry ends and an understanding of the fundamental principles.

Call Carmie Lato at 514.392.6969 or email [clato@paptac.ca](mailto:clato@paptac.ca) for complete details.

Future topics: Wet End Chemistry, Mill Trials, Kraft Pulping, Chip Quality

## PAPTAC's On-line Bookstore

[click] [www.paptac.org/store](http://www.paptac.org/store) for complete list of publications and 24/7 ordering

## Standards

The Pulp and Paper Technical Association of Canada Standard Testing Methods are procedures to measure the properties of pulp and paper products and of materials associated with the manufacture of these products.

These methods are reviewed, edited for publication and adopted by the Standard Methods Committee, although they may originate in any PAPTAC committee or any other reliable source.

The following were recently updated/published:

G13.20:	SOLVENT EXTRACTIVES IN WOOD & PULP
H.1:	DETERMINATION OF SOLIDS CONTENT OF PULP AND PAPER MILL EFFLUENTS
H.3:	CHEMICAL OXYGEN DEMAND
H.5:	COLOUR OF PULP MILL EFFLUENTS

You can access the files by logging into the website ([www.paptac.ca](http://www.paptac.ca)) with your Username and Password.

Click here for a complete list of available Standards:

[http://paptac.org/file/Standards%20Table%20of%20Contents\\_May2010.pdf](http://paptac.org/file/Standards%20Table%20of%20Contents_May2010.pdf)

## Journal of Pulp & Paper Science

The combined issue #3-4 of Volume 35 is now available on-line along with a number of back issues.



You can access the files by logging into the PAPTAC website ([www.paptac.ca](http://www.paptac.ca)) with your Username & Password. Once you are logged in, go to: Main menu / Publications and Standards / Online Documents / JPPS online/Volume 35 (2009) Member / Issue 3-4

If you have any questions, please do not hesitate to contact us: 514-392-0265, extension: 164

## Peer-Reviewed Technical Papers

Read the peer-reviewed **May/June 2010** technical papers.

Click:

[http://paptac.org/index.php?option=com\\_content&task=view&id=154&Itemid=77](http://paptac.org/index.php?option=com_content&task=view&id=154&Itemid=77)

To view the full papers, log in at [www.paptac.ca](http://www.paptac.ca) with your Username and Password: Main Menu/Publications and Standards/On/line Documents/Peer-Reviewed Technical Papers

We hope you find the content to be valuable and informative.

## GADGET COMPETITION:

### Objective:

- to encourage and reward innovative thinking in Canada's pulp and paper industry.

### Terms of eligibility:

- cannot be commercially available, although it may incorporate commercially available parts.
- is not a complex design, painstakingly evolved; rather, it is a simple solution to a problem which may be quite complex.
- is a shortcut which other people, facing the same problem, have not previously considered.
- the ideal gadget is cheap, easy to make from materials available in the mill and has been in use long enough to prove its worth.
- is useful enough to make one wonder why someone didn't think of the idea before.

## ENERGY CONSERVATION OPPORTUNITY AWARD:

### Objective:

- To recognize the importance of conserving energy in Canadian pulp and paper mill operations.
- Entries should be energy conserving ideas applied in Canada, even if the development has been used elsewhere.

### Entries will be judged for :

- Innovativeness
- Applicability within the pulp and paper industry
- Return on Investment and size of savings
- Simplicity of installation and ease of implementation

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## GADGET COMPETITION

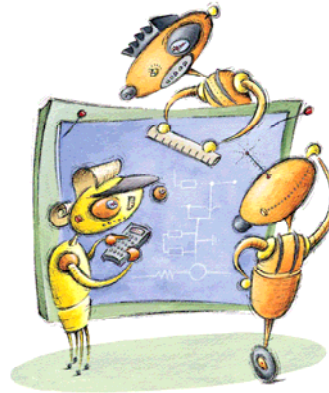


1<sup>st</sup> Prize:

**\$400**

2<sup>nd</sup> Prize:

**\$200**



All Entries must reach the Pulp and Paper Technical Association of Canada (PAPTAC) by the deadline.

For information on how to enter, contact : Jennifer Lemieux / [tech@paptac.ca](mailto:tech@paptac.ca)

Administered by PAPTAC's Engineering and Maintenance Community.

Prizes and awards will be presented by Cindy Macdonald, editor, Pulp & Paper Canada, at PAPTAC's Annual Meeting.

**DEADLINE: NOVEMBER 12, 2010**

**For Successful Ideas Impacting on Energy Reduction**

Sponsored by:



## ENERGY CONSERVATION OPPORTUNITY AWARDS



The awards are presented on an annual basis to the individuals working in Canadian pulp, paper and board mills who submit the best examples of energy conservation opportunities or successful projects, justified by whatever means, e.g. production, quality, environment, etc., as long as there are significant impacts on energy reduction.

Administered by: PAPTAC's Energy Committee.

1<sup>st</sup> Prize:

**\$400**

2<sup>nd</sup> Prize:

**\$250**

3<sup>rd</sup> Prize:

**\$200**

Prizes and awards will be presented by Cindy Macdonald, editor, Pulp & Paper Canada, at PAPTAC's 2011 Annual Meeting.

**DEADLINE: NOVEMBER 12, 2010**

**PACWEST AWARDS:**

**R. MacMillan Trophy for BEST PAPER** awarded to:

**Vince Martell**, Slave Lake Pulp — **Effectively Bombing Filaments in Activated Sludge Plants**  
Co-author: *Rick Marshall*, METC

**RUNNER UP:** awarded to:  
**Antti Luukkonen**, UBC Pulp & Paper Centre — **Low Consistency Refining of Mechanical Pulp: A Methodology to Relate Operating Conditions to Paper Properties**

Co-authors: *James Olson & Mark Martinez*, UBC Pulp & Paper Centre

**BEST SUPPLIER:** awarded to:  
**Kevin Taylor**, Taylor Industrial Research — **Detailed Investigation of Lime Kiln Mud Ring Formation**

**BEST NOVICE:** awarded to:  
**Cristian Gheorghe**, Honeywell — **Multivariable CD Control of Fine Paper Machine Using Multiple MPC Controllers**  
Co-author: *Amor Lahouaoula*, Honeywell

**GEORGE SEDGWICK (AITF) MEMORIAL AWARD** for best paper in Control & Measurement awarded to:  
**Alison Rowat**, Metso Automation and **Jessica Paul**, NewPage Corporation — **Minimizing Final Brightness Variability while Reducing ClO<sub>2</sub> Usage**

**PACWEST CONFERENCE**[www.pacwestcon.net](http://www.pacwestcon.net)

**Total participation was up by approximately 30% with 200 delegates and spouses attending, 50 from the mills.**

**Photo highlights from the conference:**

**Feature Luncheon keynote speaker: Don Roberts (centre) with Ralph Lunn, Zellstoff Celgar and Alan Humber, I deal Welders, Chair and Co-Chair of Pacwest 2010**



**2010 Technical Paper Judges: Jamie Percy, AlPac; Don Olson, Cariboo Pulp; Dan Davies, Evonik (missing Randy Wunderlich, Fransen) with (left) Randy Reimer, AlPac and Ralph Lunn, Zellstoff Celgar.**



**Forum Participants (back row) John Allan, COFI; Levi Sampson, Harmac Pulp; Paul Lansbergen, FPAC; Glenn Hargrove, NRCAN; Hannu Melarti, Kemira; with Pacwest Co-Chairs Ralph Lunn and Alan Humber with Program Chair, Paul Watson, Canfor Pulp.**

[www.paptac.ca](http://www.paptac.ca)