

PAPTAC Bleaching Committee – Fall 2015 Meeting

Section 4 – SUB-COMMITTEE MEETINGS & REPORTS

Nanaimo, BC – September 21-23, 2015

4-1. Technical – Alison Rowat

The Spring 2016 technical theme (selected at this meeting) will be “*Cooking and Impacts Downstream*”. This was selected at the Spring 2015 meeting.

The Fall 2016 technical theme will be “*Brownstock, Bleach Plant Measurements and Testing Fundamentals*”.

(2 other topics were close seconds: “*Dealing with an Aging Pulp Mill*” and “*Bleach Plant Simulators/Process Modeling*” – potentially good topics to present during projects next Fall.)

4-2. Meetings and Conferences –Dan Davies

2015 Howard Rapson Memorial Award

- Winning paper: “Bleaching Practices For Oxygen-Delignified Softwood Pulp: Analysis of the 2013 PAPTAC Bleaching Committee Survey”, presented by Paul Earl at the 2015 PaperWeek Conference.

2015 PacWest Conference

- Whistler, BC; June 10-13
- Attendance up 50% over last year
- 24 mills represented (Mill personnel were 25% of attendees)
- Excellent forum, “Leveraging our Competitive Advantages”

PAPTAC Annual Meeting (PaperWeek Canada 2016)

- February 1-5, 2016 – <http://www.paperweekcanada.ca/>
- Committee to organize 2 or more bleaching sessions

2016 PacWest Conference

- Jasper, AB; June 8-11, 2016 - <http://pacwestcon.net>

4-3. Projects – James Goldman

- “Standing Categories” have been created, to help with the generation of new ideas for “Projects” presentations. This list was last reviewed at the Fall 2014 meeting.

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- The “Projects” list is getting thin (see page 3), more ideas and volunteers are welcome!
- Safety: A chemical safety presentation is always part of the agenda, along with a safety roundtable discussion.
- “Research Corner” is intended to share fundamental information about a topic or ongoing research work, e.g. Researchers, Universities, FPInnovations, vendors with pre-commercial information.
- E-mail summaries: a new segment of the “Projects” presentations; attendees will be asked to briefly report on the results of e-mail questions that they sent out. This is not intended to be a summary of the responses, but instead is to answer the question, “what did you do with the results afterwards?”

4-4. Internet – Paul Earl

- New Members’ Website; microsite within main PAPTAC website:
 - www.paptac.ca
 - Then select *Technical Communities / Bleaching / Members Corner*
 - Access with your PAPTAC login username and password
 - All minutes and documents from old site have been transferred over to new site.
- Please remember that presentations & information from these meetings and on the website are not “public domain”
 - Please use only within your own mill or company
 - Please contact the author if you wish to use any of the information
- Group e-mail system – use “bleach@paptac.ca” to send message to all members
 - E-mail system for Bleaching Committee members only
 - Your current e-mail address must match the one on the server!
 - Administered by PAPTAC; only currently active PAPTAC members can be added to the mailing list
- Please summarize the responses that you receive and send them back to the whole committee in a timely manner (~2 weeks)
- Raymond Paquet developed a searchable excel file for finding presentations given at the bleaching committee meetings dating back to 1997. The link to download this file can be found Meeting Information page under “Bleaching Committee Presentations Index”.
- Sabrina Burkhardt has transitioned into the role of the Internet Chair for the Bleaching Committee. Please contact Sabrina in the event of any website access issues or for adding new committee members to the email list.

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Projects list – Fall 2015:

CATEGORY	Project Title	Identified Owner(s)
Chemical Optimization	Final Brightness Variability/Control	Honey Nampak
Chemical Optimization	ClO ₂ filtrate uptake	Paul Earl
Chemical Optimization	Low Budget High Return Project	Morrisette et al
Chemical Optimization	Improving Lab Procedures	Val?
Chemical Optimization	Test Condensate/Eop Filtrate/D1 Filtrate for ClO ₂ demand K#	
Controls / DCS	Control Loop Performance, Alarm Mgmt Best Practices	James/Guy/Spartan
Controls / DCS	Advanced Controls in Bleach Plant	Several
Controls / DCS	O ₂ Delig Controls	Laurier Morisette/Tom Mullen
Controls / DCS	Screen Room Control	Daniel Brouillette
Corrosion / Materials of Construction	Life Cycle Analysis	Margaret Gorog/Alison Rowat
Energy	Use of Variable Frequency Drives	?
Environmental	Eop Filtrate Recovery	Mark Cameron
Environmental	Impact of D stage pH on environmental permitting	Brian
Environmental	Bleach Plant Energy Use	Gerry Ferweda
Environmental	Impact of CoGen on mill running philosophy	
Operator Training	Training - Operation & Maintenance	Alison Rowat/Jessica/Brian
Operator Training	BP Operators Line of Progression/Procedures	Jessica/Rick (Irving)/Honey
Other	Brownstock Survey	Rick/James
Other	Digester/O ₂ Survey	Scott
Other	Survey on COV of WL to storage	
Other	Equipment Noise	Daniel Brouillette
Production Limitation Solutions	Reliability & Extended Time Between Outages	Honey Nampak
Production Limitation Solutions	DeBottlenecking	
Quality	Fibre / Shive Measurement	Francesca/Meredith
Quality	On line shive measurement	James/Alison/Erin Ellingwood
Quality	Image Analysis	
Quality	Root Cause Analysis for Off Grade Pulp	
Quality	Bleach Cleaner Optimization	Meredith
Quality	Lab CEK Number vs. Lab Eop Kappa Number	James Goldman
Quality	Kappa Analyzer Calibrations: position, detector, gain and offset, grade, frequency of calibration	James Goldman