



PACWEST 2021 TECHNICAL PRESENTATIONS “NAVIGATING GLOBAL CHALLENGES”

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SESSION A – ENVIRONMENT, BIOPRODUCTS & ENERGY

1.) Investments in Forest Industry Transportation (IFIT):

Travis Dragg, Policy Advisor & Jean Francois Levasseur, Director –
Industry Relations & Innovation Programs Division
Natural Resources Canada – Canadian Forest Service

2.) Energy Management & Debottlenecking of Pulp & Paper Processes:

Enrique Mateos-Espajel, Scientist – **FPIinnovations**

3.) Moving Bed Biofilm Reactors (MBBRs) Treating Wastewaters from The Forest Industry – Experience from More Than Two Decades with Pure MBBR & BAS™ Processes:

Daniel Lemarre & Thomas Welander – **Veolia Water Technologies**

4.) Maintaining A Healthy & Efficient ASB: Kari Plamondon, Lab Supervisor – West Fraser Pulp

5.) Environmental Footprint Benefit Through Boiler Water Treatment Optimization Case Study:

Gregorie Poirier-Richer, P.Eng., Senior Boiler Products Application Engineer –
Suez Water Technologies & Solutions

6.) Kraft Lignin Production at Hinton Pulp:

Kyle Wells, PhD. Lignin Recovery Plant OMC – West Fraser-Hinton Pulp (in conjunction with)
Noram & FPIinnovations

SESSION B – FIBRE LINE

1.) Turboscrubber – Bleach Plant Scrubber Application:

Rohan Bandekar, P.Eng. Process Engineer – **Noram Engineering & Constructors Ltd.**

2.) Fibre Species & Chip Screening – Effects on Yield & Kappa Update:

Ralph Lunn, Senior Process Engineer – **Mercer, Celgar**

3.) Online Monitoring of Wood Chip Chemical Composition Using A Near-Infrared (NIR) Analyzer:

Guillaume Hans, Senior Scientist – **FPIinnovations**

4.) Design Of Reliable Storage Bins For Hog & Chips: Jamil Bundalli, P.Eng, Director - **Kamengo Technologies, Inc.**

SESSION C – AUTOMATION & CONTROLS

1.) Augmented Reality to Keep OEM & Mills Connected:

Eric Giasson – Manager, Field Services Growth Accelerator – **Valmet**

2.) An Online & Real Time Process Analyser for Closed-Loop Control In Pulp & Paper Manufacturing:

Dr. Johnathan Speed, Product & Applications Manager – **Keit Spectrometer**

3.) The Benefits of Effective Combustion Control in the Pulp & Paper Industry:

Jim Kapron, PhD, Technical Sales Rep – **Novatech**

4.) Causticizing Optimization Programme: Danny Zuver, Process Optimization Manager – **Valmet**

5.) Spartan & Canfor Advanced Bleaching Controls: Devin Marshman – **Spartan Controls**

6.) Optimizing Evaporator Train Using a Simple Advanced Regulatory Controls Approach:

Koowar Singh, Process Control Engineer - **Mercer Celgar** and Valois Parisien – **Enero Solutions Inc.**

SESSION D – MACHINE ROOM

1.) Rethinking Vacuum Systems to Reduce Energy Costs:

Troy Miller, National Sales Manager – **Gardner Denver: Runtech-Nash**

2.) Papermaking Best Practices with Vacuum Dewatering Systems:

Douglas F. Sweet, P.E. – **Doug Sweet & Associates Inc.**

3.) Phenomena of Hornification and its Mitigation Through Enzymatic Treatment:

James Tausche, CEO – **Enzymatic Deinking Technologies, LLC (EDT)**

4.) Economical Approach to Equipment Guarding: Jeremy Goh, E.I.T., Project Manager – **Slave Lake Pulp, WF**

5.) Wash Press & Papricycle Installation:

Honey Nampak, P.Eng, Technical Services Superintendent – **Nanaimo Forest Products, Ltd.**
(in conjunction with Valmet)

SESSION E – RECOVERY & RECAUST

- 1.) **Chemical Recovery & Reausticizing Improvements: Increased White Liquor Production:**
Matthew Broere – **Domtar, Dryden** (in conjunction with) Thanh Trung, **FITNIR**
- 2.) **New Learnings & Strategies for Meeting Future Recovery Boiler Particulate Emission Limits with Existing Electrostatic Precipitators:** Ivan Stretenovic – **Southern Field Environmental**
- 3.) **A New Solution to Old WL Plant Problems:** John B. Johnson II, Product Technology Manager – **Valmet**
- 4.) **SnapShot Tubes for WLPF:** Trevor Van Bavel, P. Eng – **McFarlen Engineering Ltd, and**
Travis Johnson, P&R Superintendent – **Skookumchuck Pulp**
- 5.) **Detection & Diagnosis of Ring Formation in a Rotary Lime Kiln – Part 1, Developing a Ring Formation Indicator:** Lee Rippon – **UBC**
- 6.) **TEAM Principles of Line Intervention - Isolating a Piping System That Has No Other Means of Isolation:**
Rusty Hurl, Sales Representative – **TEAM**