



PaperWeek Detailed Program

*Please refer to program online for latest updates

We reserve the right to modify the timing if need be.

MONDAY FEBRUARY 10, 2025

(On-Line)

10:30 - 12:00

Papermaking - Advances in Papermaking Chemistry

Session Chair: Przem Pruszyński, Pruszyński Paper Consulting

10:30 "Barrier Coating Applications in Paper & Molded Fiber Packaging", **Sanjeev Jain, PakitGreen Inc USA**

11:00 "Reduction of carbon footprint in Wastewater Treatment Plants Using Renewable Chemistry", **Nicholas Hart and Maria Sederholm, Kemira**

12:00 - 13:30

Networking and Lunch Break

13:30 - 15:00



Tissue – Innovative Fibres in Tissue Making

Session Chair: Jennifer Sweenor, Irving Tissue (Irving Consumer Products)

13:30 “Amphoteric Polymers in Recycled Paper & Towel”, **Albert Allen, Kemira**

14:00 “Wheat Fibers in Tissue Products”, **Martin Pudlas, RedLeaf**

14:30 “Dust Measuring Instruments and Set-up for Health & Safety on the Tissue Machine and Converting Area”, **George Armbruster, Industintel**

Sustainability

Session Chair: TBC

13:30 “Biocomposite Laminates Based on Kraft Paper and Biodegradable Plastic Films”, **Abbas Ghanbari, National Research Council of Canada (NRC)**

14:00 “Hydrothermal Carbonization of Canadian Primary Pulp Sludge: Properties of the Products Under Varying Conditions”, **Gianni Caravaggio, NRCan CanmetENERGY Ottawa**

14:30 “Using AI Vision for white wood and bark detection – Case Study-”, **Marcus DeOliveira, INNOTECH Alberta**

15:00 - 15:30

Networking Break

15:30 - 17:00

Bleaching

Session Chair: Mona Henderson, Valmet

15:30 “Bleach Plant Survey”, **Philip Sekerak, ERCO Worldwide**

16:00 “Gas Bubble Size in Oxygen Delignification”, **Zhibin He, UNB**

16:30 “Reduction of Effluent Volume of Bleaching Process by Semi Closed Loop System”, **Farhad**



Zeinaly, Gorgan University (Iran)

*Please note all schedule is set on Eastern Time

TUESDAY FEBRUARY 11, 2025 (On-site + On-Line)

08:30 - 10:00

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: Chad Gionet, Irving Pulp & Paper

08:30 "Methanol Recovery Upgrading and Purification", **Glen Aggiss**, A.H. Lundberg Systems Limited

08:50 "Introducing the Hydrogen Economy to the Recovery Boiler", **Esa Vakiilainen**, LUT

09:10 "Findings from using the High Impact Sootblowing System to prevent smelt run-offs", **Andreas Aspell**, HEAT Management

09:30 "Recent Advances in Tall Oils Yield Improvement at Pulp Mills", **Hannu Hämäläinen**, BIM Finland Oy

The Eastern Canada Black Liquor Recovery Boiler Advisory Committee (ECBLRBAC) focuses on ensuring the safe operation of black liquor recovery boilers. It comprises of industry professionals who gather annually to exchange insights, share experiences, and discuss advancements in the field.

CLICK HERE FOR ECBLRBAC MEETING AGENDA

The Committee will present four (4) Chemical Recovery related presentations in its first 90-minutes (08:30-10:00, open to all PaperWeek registrants (both virtually and in-person) as well as its regular registered members. Afterwhich, the committee will continue with its regular agenda (in-person only meeting). While the meeting is intended primarily for ECBLRBAC members, new members among the PaperWeek registrants interested in joining the community are welcome also. The Committee looks forward to a focused and productive session.



Reliability

Room: Crescent

Session Chair: TBC

08:30 "Reliability: a business strategy", **Alain Pellegrino**, *Reliability Solutions*

09:00 "Why Reliability is the Key to a Competitive and Resilient Industrial Sector", **Alain Pellegrino**, *Reliability Solutions*

09:30 "Unlock the Full Potential of your Digital Transformation and asset management strategy", **Matt Cowen**, *KCF Technologies/Andritz*

Process Optimization

Room: Mansfield

Session Chair: Stéphane Larivière

08:30 "How Reducing Carbon Footprint with Carbon Capture Can Unlock New Revenue Streams", **Ali Elahimehr**, *SVANTE*

08:50 "Reducing Bias in Process, Operational and Reliability Troubleshooting", **Suresh Pai**, *STANTEC*

09:10 "Mill performance and cost savings opportunities from on-line fibre properties measurement and real time data transformation - case studies", **Brian Hayes and Jacy Dodge**, *Andritz*

09:30 "Optimizing OFA Systems to Reduce Emissions and Improve Boiler Performance", **Eric Duplain**, *Malouin et Associés Inc. (BMA)*

10:00 - 10:30

Networking Break

10:30 - 12:00



Mill Managers Roundtable (Closed Session - by invitation only)

Session Chair: TBC

Papermaking - Monitoring & Control

Room: Crescent

Session Chair: Frédéric Parent, *FPInnovations*

10:30 "AI Application in Optimization", **Vipin Raghavan**, *HABER*

10:50 "Case Studies on Refining, Fibre Development", **Jalal Habibi**, *FPInnovations*

11:10 "Proactive Raw Water Management: Leveraging Predictive Control for Sustainable Paper Production", **Chad Runtz**, *Kemira*

11:30 "Plume Reduction on Dryer Hood Exhaust Stacks", **Alfredo Sarli**, *Valmet*

Energy & Decarbonization - Improving Energy Efficiency through Electrification

Room: Mansfield

Session Chair: Serge Bédard, *Natural Resources Canada*

10:30 "Recovery of Thermal Waste at the Resolute FP Newsprint Mill in Clermont Québec", **Mario Girard**, *Produits Forestiers Résolu (Clermont)* & **Bernard Bégin**, *Hydro-Québec*

11:00 "Impact Analysis of Via Separations Unit on Mill Energy Balance", **Bryce Mason**, *Via Separations*

11:30 "The Role of Steam-Generating Heat Pumps in Boosting Energy Efficiency and Decarbonization in Paper Mills", **Jim Saccone**, *Skyven Technologies*

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: Chad Gionet, *Irving Pulp & Paper*



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12:00 - 13:30

Networking and Lunch Break

13:30 - 15:00

Tissue – Innovation in Tissue Manufacturing – I

Room: Crescent

Session Chair: Michel Houde & Martin Desrosiers, Kruger Products

13:30 "An Innovative Helical Yankee Hood Design for Improved Profiling", **Alfredo Sarli, Valmet**

14:00 "Revolutionizing Tissue Manufacturing: the role of AI in enhancing efficiency, quality, and sustainability", **Heather Scott, Kruger Products**

14:30 "Unlocking Coating Performance: Characterizing the Operating Window of Creping Adhesives", **David Welsford & Franklin Zambrano Gotera, Solenis**

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: Chad Gionet, Irving Pulp & Paper



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Energy & Decarbonization – Workshop – KraftSIM

Room: Mansfield

Session Chair: Luciana Savulescu, Natural Resources Canada

KraftSIM - Modeling and Simulation for Energy and Emission Reduction.
Workshop presented by **Adam Rogerson, Natural Resources Canada**

Click here for details on KraftSIM Workshop

15:00 - 15:30

Networking Break

15:30 - 17:00

Papermaking – Roundtable: Strength Development

Room: Crescent

Session Chair: Javad-Reza Saberian, Kruger



15:30 "Innovative Holistic Approach to Water Management – Synergistic Effect of Multiple Programs on Runnability and Strength", **Philippe Schyns**, *Ecolab*
15:45 "Intensity Theory vs MAGNUS & its Impact on Strength Development", **Al Zumpano, Eric Mercier and Alex Harvey**, *Andritz*
16:00 "Key Papermaking Parameters which Influence Sheet Strength - Key Wet-end Papermaking Parameters which Influence Tensile Strength (Case Studies)", **Jimmy Jong**, *FPIInnovations*
16:15-16:45 - Discussion and Q&A

16:45 **John S Bates Gold Medal Award**

Please join us for the conferring of the medal and continue toasting this milestone at the Welcoming Reception following in the Tradeshow.

Chemical Recovery / ECBLRBAC

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Session Chair: Chad Gionet, Irving Pulp & Paper

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17:00

Welcoming Reception in Tradeshow

***Please note all schedule is set on Eastern Time**



WEDNESDAY FEBRUARY 12, 2025

(On-site + On-Line)

08:30 - 10:00

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: Chad Gionet, Irving Pulp & Paper

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Environment

Room: Crescent

Session Chair: Louis Morimanno, LRM Enviro-solutions

08:30 "Missing Links: Improving community affairs through meaningful online and grassroots engagement", **Matthew Segal, StrategyCorp.**

08:50 "How Bathymetric Sludge Surveys Reduce Environmental Risk and Cut Costs", **Andrew Ambrocichuk, Hydrasurvey Ltd**

09:10 "CO2 Impact of Paper Industry Automation", **Patrick Dixon, DPAS Inc.**



09:30 "EU Deforestation Regulation (EUDR) - obligations for the North American Pulp & Paper Industry", **Stephen Cloughley**, *osapiens USA*

Management

Room: Mansfield
Session Chair: TBC

08:30 "The Impact of Safety Practices on Equipment Downtime", **Ludovic Tremblay**, *CONFORMiT*
08:50 "Enhancing Workplace Safety through Innovative Anti-Collision Solutions: A Comprehensive Analysis of Amesphere", **John Feola**, *Advanced Microwave Engineering (AME)*
09:10 "How Kruger Optimized its Recruitment Strategy with Cutting-edge Technology", **Sylvain Brodeur**, *Talentest* and **Jonathan Charlebois**, *Kruger*
09:30 "New Approach to Operational Excellence", **Guillaume Bouvier**, *Kruger*

10:00 - 10:30

Networking Break

10:30 - 12:00

Mill Managers Roundtable (Closed Session - by invitation only)

Session Chair: TBC

Papermaking - Advances in Papermaking I



Room: Crescent

Session Chair: Frédéric Parent, FPInnovations

10:30 "The Influence of Press Felt Seams on Paper Strength", **Omid Mohammadi, UBC**

11:00 "Steam System Optimization", **Mike Soucy, Kadant**

11:30 "Roll Beta Covers", **Bill Bork, Valmet**

Energy & Decarbonization – Energy Efficiency & Recovery

Room: Mansfield

Session Chair: Serge Bédard, Natural Resources Canada

10:30 "Stack Heat Recovery System: lessons learned", **Burck Hantel, Alberta-Pacific Forest Industries**

11:00 "Enhancing Energy Efficiency through AI-Powered Supervisory Control: application to a heat recovery system", **Karim Nadim, CanmetENERGY-Varenes**

11:30 "Implementing and Financing Successful Energy Efficiency Projects", **Marc-Olivier Guérin, Enero Solutions**

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: Chad Gionet, Irving Pulp & Paper

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12:00 - 13:30

Networking and Lunch Break

13:30 - 15:00

Tissue – Innovation in Tissue Manufacturing – II

Room: Crescent

Session Chair: Jessica Carette, Cascades

13:30 “Valmet Tissue Converting Innovation”, **Melanie Roy, Valmet**

14:00 “Decarbonization of the Drying Process in Tissue Making”, **Stefano Pecchia, Toscotec**

14:30 “Combined System for Energy Reduction: roadmap to fossil free”, **Luca Linari, Andritz**

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

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Management

Room: Mansfield

Session Chair: Stéphanie Morin, Domtar Windsor

13:30 "Reducing the Turnover Rate of a Key Position in a Paper Mill", **Martin Carignan**, *Différence GCS* & **Diego Paredes**, *Emballages Kruger*

13:50 "Developing High-Potential Talent through Effective Problem-Solving: Tackling Evaporator Fouling in a Pulp and Paper Mill", **Philip-Antoine Fournier, Félix Desmarais, Stéphanie Morin & Jean-Benoît Thibodeau**, *Domtar-Windsor*

14:10 "Optimizing Chip Quality Control - Insights from a Gage R&R Study on Bark Content", **Kim Therrien & Stéphanie Morin**, *Domtar Windsor*, **Pénélope Thériault**, *FBX-INNOV*

14:30 "Human Performance Tool to Improve Safety", **Eric Ashby**, *Executive V-P and COO, Kruger inc*

15:00 - 15:30

Networking Break

14:00 - 18:00



PLANT VISIT - DELOITTE (SMART FACTORY) BY INVITATION ONLY

Smart Factory Site Visit

Art of the Possible at The Smart Factory by Deloitte

Description: Title for the site visit: Art of the Possible at The Smart Factory by Deloitte

Discover innovative use cases for the pulp & paper industry with technology demonstrations at the Smart Factory by Deloitte in Montreal. Following these demonstrations, participate in digital transformation breakout sessions of your choice and explore solutions on how to tackle your biggest challenges.

*Please note all schedule is set on Eastern Time

THURSDAY FEBRUARY 13, 2025 (On-Line)

10:30 - 12:00

Papermaking – Barrier Applications

Session Chair: Shaune Hanley, Domtar

10:30 “Bio-based Barrier Solutions - Barriers Enabling Plastics to Paper Transformation in Packaging”, **Annaleena Kokko and Ting Chen, Kemira**

11:00 “Barrier Grade Development at FPInnovations”, **Lyne Cormier, FPInnovations**

11:30 “Next Generation Pulp & Paper Additive from Ocean Waste”, **Spencer Pieczonka, Neptune**



PW Energy & BIOFOR Joint Session — Advancing Pulp & Paper Industry Decarbonization in a Net-Zero Carbon Economy

Session Chairs: Serge Bédard, Natural Resources Canada and Victor Padilla, FPInnovations

This session will explore innovative strategies and technologies driving energy efficiency and decarbonization in the pulp and paper industry. Focus will be placed on advancing decarbonization efforts, achieving carbon neutrality, and transitioning toward a carbon-negative economy. The session aims to highlight practical pathways and roadmaps for sustainable evolution of pulp and paper industry .

Panelists:

- **Roberta Dagher**, *Research Associate at Institut de l'énergie Trottier - Accélérateur de Transition*, "Forest biomass in a net-zero future"
- **Francis Lebreux Desilets**, *Research Engineer* and **Luciana Savulescu**, *Research Scientist – Sustainable Industrial Decarbonization at CanmetENERGY, Natural Resources Canada*, "Advancing Decarbonization: Role of P&P Industry in a Net-zero Future"
- **Enrique Mateos-Espejel**, *Senior Scientist/Project Leader at FPInnovations*, "Roadmap for Canadian Kraft pulp mill decarbonization"
- **Bill Adams**, *Vice President, Sustainability & Innovation at Mercer International*, "Mercer International's Climate Transition Plan"

12:00 - 13:30

Networking and Lunch Break

13:30 - 15:00



Tissue – Innovation in Tissue Manufacturing – III

Session Chair: Stéphane Larivière, Valmet

13:30 "New Update for EMTEC", **Eric Haagen**, *EMTEC Electronic*

14:00 "Yankee Chatter Resolution Using Vibration Analysis", **Dominic Luneau**, *Nalco Water and Ecolab Company*

14:30 "Raw material & Energy Savings on Tissue Machines with Low Capital Investment", **James Litchwark**, *BTG*

15:00 - 15:30

Networking Break

15:30 - 17:00

Bleaching

Session Chair: Mona Henderson, Valmet

15:30 "ISO-FLO™ White Liquor Oxidation System: Pilot Plant Trials", **Emily Freeze and Jon Foan**, *Noram Engineering* and **Ralph Lunn**, *Mercer Celgar*

16:00 "Peroxide Removal in E2 Stage", **Karah Morehouse**, *Adityabirla AV Nackawic*

16:30 "Online Chip Moisture Analyzer for Improving Digester Control", **James Goldman**, *BTG Americas Inc*

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