



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 Pruszynski, Pruszynski Paper Consulting

10:30 "Bio-mass balanced approach", **TBC, 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", **Jennifer Riser**, *Kemira*

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

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

Sustainability

Session Chair: TBC

15:30 "Biocomposite Laminates Based on Kraft Paper and Biodegradable Plastic Films", **Abbas**

Ghanbari, *National Research Council of Canada (NRC)*

16:00 "Hydrothermal Carbonization of Canadian Primary Pulp Sludge: Properties of the Products Under Varying Conditions", **Gianni Caravaggio**, *NRCan CanmetENERGY Ottawa*

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: TBC

08:30 "Methanol Recovery Upgrading and Purification", **Clayton Cunningham**, *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*

Reliability

Room: Crescent

Session Chair: TBC

08:30 "Reliability a Business Strategy", **TBC**, *Reliability Solutions and Spartakus Technologies*

09:00 "Why Reliability is the Key to a Competitive and Resilient Industrial Sector", **Yoann Urruty**, *Spartakus Technologies*

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: TBC

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

09:00 "Reducing Bias in Process, Operational and Reliability Troubleshooting", **Angelina Golani**, *STANTEC*

09:30 "Using AI Vision for white wood and bark detection", **Marcus DeOliveira**, *INNOTECH Alberta*

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

10:50 "AI Application in Optimization", **Vipin Raghavan**, *HABER*

11:10 "Case Studies on Refining, Fibre Development", **Jalal Habibi**, *FPInnovations*

11:30 "Proactive Raw Water Management: Leveraging Predictive Control for Sustainable Paper Production", **Stammegna Runtz**, *Kemira*

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 "Via Separation", **Bryce Mason & Brent Keller**

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

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: TBC

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 Profiting", **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: TBC

Energy & Decarbonization – Workshop – KraftSIM

Room: Mansfield

Session Chair: Serge Bédard, *Natural Resources Canada*

KraftSIM - Modeling and Simulation for Energy and Emission Reduction.

Workshop animated by **Adam Rogerson, *Natural Resources Canada***

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***

16:00 “Intensity Theory vs MAGNUS & its Impact on Strength Development”, **Al Zumpano, *Andritz***

16:30 “Key Papermaking Parameters which Influence Sheet Strength”, **Jimmy Jong, *FPIInnovations***

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: TBC

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: TBC

Environment

Room: Crescent

Session Chair: TBC

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

09:00 "How Bathymetric Sludge Surveys Reduce Environmental Risk and Cut Costs", **Andrew Ambrocichuk**, *Hydrasurvey Ltd*

09:30 "CO2 Impact of Paper Industry Automation", **Patrick Dixon**, *DPAS Inc.*

Management – Safety

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 "EU Deforestation Regulation (Software Solution)", **Stephen Cloughley**, *osapiens Netherlands*

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: Shaune Hanley, *Resolute Forest Products*

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**, *ALPAC*

11:15 "Enhancing Energy Efficiency through AI-Powered Supervisory Control: application to a heat recovery system", **Karim Nadim**, *CanmetENERGY-Varenes*

Chemical Recovery / ECBLRBAC

Room: Sherbrooke

Session Chair: TBC

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

Session Chair: TBC

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*

14:00 “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*

14:30 “Optimizing Chip Quality Control - Insights from a Gage R&R Study on Bark Content”, **Kim Therrien & Stéphanie Morin**, *Domtar Windsor*, **Pénélope Thériault**, *FBX-INNOV*

15:00 - 15:30

Networking Break

14:00 - 18:00

PLANT VISIT - DELOITTE (SMART FACTORY) BY INVITATION ONLY

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THURSDAY FEBRUARY 13, 2025 (On-Line)

10:30 - 12:00

Papermaking – Barrier Applications

Session Chair: Javad-Reza Saberian, Kruger

10:30 “Bio-based Barrier Solutions - Barriers Enabling Plastics to Paper Transformation in Packaging”, **Adam Tonzi, Kemira**

10:50 “Barriers”, **Lyne Cormier, FPInnovations**

11:10 “Next Generation Nano-structured Material Derived from Ocean Water”, **Spencer Pieczonka & Aaron Guan, Neptune**

11:30 “Solvitose Green Melt”, **TBC, TBC**

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

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

- IET
 - FPInnovations: Roadmap for Canadian Kraft Pulp Mill Decarbonization
 - CE-V Net-zero Modeling - Energy Efficiency
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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 “Mill performance and cost savings opportunities from on-line fibre properties measurement and real time data transformation – case studies”, **Brian Hayes**, *Andritz*

14:30 “Yankee Chatter Resolution Using Vibration Analysis”, **Gary Furman**, *Ecolab*

Pulping

Session Chair: TBC

15:00 - 15:30

Networking Break

15:30 - 17:00

Bleaching

Session Chair: Mona Henderson, Valmet

15:30 “ISOFLO™ 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 “Title to be confirmed”, **Alison Rowat**, *International Paper*

Process Automization

Session Chair: TBC

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