

ANNUAL REPORT 2019



Building for the new
Pulp and Paper community

PAPTAC IN BRIEF



PAPTAC is a National Association dedicated to the pulp & paper and forest products industry, connecting a powerful network of 3500+ professionals of the sector. Most are employed in paper mills, in private or publicly supported research organizations, in universities, government departments, consulting firms, and in companies which supply the industry. Membership is also open to students and librarians and persons who have retired from careers in the industry. Approximately 80% of these members are located in Canada; the remainder is found in many other pulp and paper producing countries.

The organization was founded in 1915 as the Technical Section of the Canadian Pulp and Paper Association. On September 30, 1998 it was incorporated under the name of Pulp and Paper Technical Association of Canada (PAPTAC) as an independent not-for-profit association.

PAPTAC is a wide and well-organized network of individuals and represents a world of information exchange and experience for the benefit of the professional development of its members and the pulp and paper industry. We are inviting you to get actively involved in our industry by joining our technical communities, by attending conferences and presenting papers, and by participating in our TECH courses and Webinars. The benefits of your involvement and participation will provide value back to you, your company and to the industry.

KNOWLEDGE CONNECTIONS

PAPTAC is a Canadian-based non-profit organization, dedicated to improving the technical and professional capabilities of its members worldwide, and to the advancement of the pulp and paper industry.

PAPTAC carries out its mission by providing forums in which members may identify present and future technical issues of importance to the industry. These matters are dealt with through the Association's technical communities, conferences, courses, webinars, technical publications and, as appropriate, in collaboration with other organizations.

Key Objectives:

- To provide means for the interchange of knowledge and expertise among its members;
- To improve the skill levels and effectiveness of present and future employees through training and education;
- To provide technical and practical information on pulp and paper manufacture and use;
- To further the application of the sciences in the pulp and paper industry;
- To assist in the solution of problems confronting the industry;
- To encourage and assist innovation;
- To promote the efficient stewardship of natural resources.



PAPTAC LEADERS



The PAPTAC Executive Council, The Branch and Committee Chairmen, as well as, the Staff are actively working on the advancement of PAPTAC's objectives as our industry continues to reshape itself. We are more than ever committed to providing you and your company with pertinent tools to face today's challenges and to be your partner in keeping you connected with your industry.

As PAPTAC leaders, they are working to keep the Association as relevant as possible by developing the most valuable benefits for its members.

Executive Council

The 2019 Executive Council was chaired by **Eric Ashby**, Director - Special Projects, Domtar Fort Mills.



Eric Ashby
Domtar Fort Mills
Director - Special Projects



Robert Dufresne
Resolute Forest Products
Vice President



Tom Paisley
Irving Paper
Mill Manager



Stéphane Lamoureux
Kruger Inc.
VP Manufacturing
Publication Papers



Brian Grantham
West Fraser Mills Ltd.
General Manager



Carlo Dal Monte
Catalyst Paper
Corporate Energy Director



Luc Pelletier
Cascades Inc.
General Manager -
Containerboard



Bill McPherson
Celgar Mercer International
Managing Director



Jean-François Guillot
Paper Excellence
Vice President



Greg Hay
PAPTAC
Executive Director

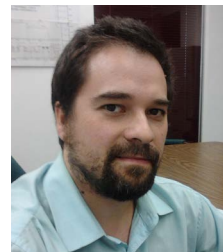
PAPTAC Staff



Carmie Lato
Project Manager



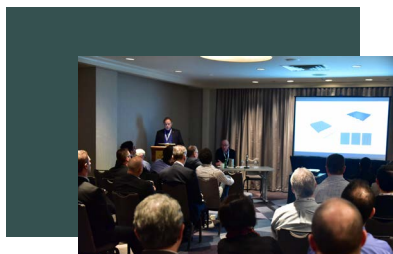
Cristina Murciano
Development
Lead



Thomas Perichaud
Communications
Specialist



Greg Hay
Executive Director



2019 Branch & Committee Chairmen

PAPTAC's technical committees play a central role in problem solving, the exchange of technical information and the organization of PaperWeek's Technical Program. Our sincere thanks to the following committee chairmen for their involvement and leadership throughout the year 2019.



Alkaline Pulping
Gerry Ferweda
Mercer Celgar



Energy Cost Saving
Serge Bédard
Natural Resources
Canada



Mechanical Pulping
George Court
Irving Paper



Bleaching
Honey Nampak
Harmac Pacific



**Papermaking
Technology**
Justin Charron
Irving Paper



Atlantic Branch
Les Urghart
Port Hawkesbury Paper



Mill Managers
Eric Ashby
Domtar Windsor



ECBLRBAC
Guy Cousineau
Fortress Speciality Cellulose

FINANCIAL RESULTS, THREE-YEAR RECORD

During 2019 the Association had revenues of \$755 454 and expenditures of \$521 642. The net result for the year was a surplus of \$233 812.

YEAR	REVENUE	EXPENSES	NET
2019	755 454 \$	521 642 \$	233 812 \$
2018	835 328 \$	776 750 \$	58 578 \$
2017	883 778 \$	990 866 \$	-107 088 \$



PAPTAC ACTIVITIES

PAPTAC's committees hosted again a good number of webinars and face to face meetings in 2019, with returning chairmen relying on their good work in 2018 to take the best out of these fruitful groups of industry professionals. PaperWeek improved again its mill participation with over 250 mill employees attending, and the Tradeshow was sold out with close to 45 exhibitors.

EVENT	DATE	COMMITTEE	PARTICIPANTS
Webinar - Dryer Steam Systems	January 31	PMTc	23
PaperWeek 2019 & BIOFOR International	February 4-8	PAPTAC	800+
Webinar - Bowed Roll Technology – What, How and Why Bowed Rolls are used	April 9	PMTc	14
Webinar - Recovery Boiler Energy Efficiency Improvements	June 19	Energy	26
Webinar - Thermocompressor Applications for Paper Drying	August 13	PMTc / TAPPI PTOC	42
Webinaire - Que font les meilleures entreprises pour améliorer leur fiabilité ?	September 12	PAPTAC	20
Atlantic Branch Conference	September 12-14	PAPTAC	45
Alkaline Committee Meeting	October 22-23	Alkaline	18
Bleaching Committee Meeting	November 6-8	Bleaching	41
Webinar - Energy Reduction – The Evolution of our Energy Focus at Irving Paper	November 7	MPC	35
ECBLRBAC Fall Meeting	November 12-14	ECBLRBAC	39
Webinar - Best Practices for Building Ventilation Improvements and Efficiency	November 19	PMTc / TAPPI PTOC	39
Webinar - Best practices for papermaking starches	November 25	PMTc	48

PAPTAC's main activities for the year 2019

PaperWeek Canada 2019



Over 800 took part in the 105th edition of PaperWeek Canada. Over 250 participants from mills were also registered for the event, making the event one of the best industry events in the world ratio-wise. Furthermore, the PaperWeek tradeshow was sold out with close to 45 exhibitors present to showcase their services and technology.

The Opening Breakfast CEO Panel on the industry's future and the rise of the forest bioeconomy set the tone for the week. The PaperWeek and BIOFOR joint luncheons were a smashing success all week, with the very first panel on "Advancing Women in Leadership Roles" as one of the underlying highlights of this year's conference.

Finland's Ambassador to Canada set the stage for Thursday's PAPTAC Awards' Luncheon, with a strong emphasis on the great historical relationship between the Finnish and Canadian Forest industry. PAPTAC ambassadors and leaders were recognized during the Awards ceremony for their work and dedication to our Association and the Pulp & Paper and Forest Industry, with Dr. Theo van de Ven being awarded PAPTAC's highest recognition: the John S. Bates Gold Medal.

Technical and managerial sessions were crowded, thanks to the great and timely program that was put in place, and the networking coffee breaks and receptions allowed participants to interact with their peers and exchange on their learnings and experience, one of the greatest value of participating in the conference.



BIOFOR International 2019

Held in conjunction with PaperWeek, BIOFOR INTERNATIONAL, dedicated to the advancements of the global forest bioeconomy, was again the largest conference in Canada focusing on most important issues in the forest products sector.

The conference kicked-off Tuesday February 5th with a Welcoming address by Marzouk Benali, Conference Chair, followed by an Opening Keynote Speech by Dr. Stéphane Renou, CEO of FPIInnovations.

Dr. Niklas von Weymarn, CEO of Metsä Spring, Finland, had the pleasure to be the first BIOFOR 2019 Keynote speaker under the MARKET DEVELOPMENT segment.

Highlights of this edition were two timely Panels. The first one, on Advanced Biomaterials and Nanomaterials, moderated by Minh Tan Ton-That, National Research Council, Canada, walked participants through the most important progress made in science and technology of bio-based materials and nanomaterials in the last decade, and addressed the issues and challenges associated with entering new markets and a competitive time-to-market.

The second panel, on Emerging Biorefinery Technologies & Enabling Large-scale Projects, reviewed the emerging biorefinery technologies for the production of bio-crudes and renewable drop-in fuels, and addressed the scale-up and investment challenges. The panel also discussed the state-of-the art of the development methodologies for large-scale biorefineries, the role of policy to speed the transition towards the bioeconomy, and shared the know-how and key lessons learned from on-going projects in Canada.

IN CLOSING



Ladies and gentlemen of the Association, the time has come to close this year-end review. I would like to once again express my sincere thanks to all our devoted industry people on the Council and Committees for all the precious input and efforts. You have spoiled us with your generous time and dedication. The past two decades have been a roller-coaster with the industry needing to reinvent itself, and we are proud, as the national Association representing the Canadian Pulp & Paper industry, to have been able to follow and help in the transition. PAPTAC also had to reinvent itself, and thanks to our members' support, we have again been able to demonstrate in 2019 how important and rewarding it is to be part of the Pulp & Paper Technical Association of Canada.

Gregoire M. Hay
Executive Director
PAPTAC



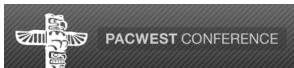
Dear colleagues, The Pulp and Paper Technical Association of Canada has again proven in 2019 its importance for our industry, enabling all levels of stakeholders to cooperate on a wide range of management and technical issues. It is the essence of membership in an Association, that despite their differences, P&P companies, suppliers, research centers and academia keep searching for a common way forward. Through professional development and determination, progress can be achieved. We therefore all bear the responsibility to keep moving forward collectively and work as a whole to strive for greater future in our industry. Let's keep the cooperation going in 2020.

Eric Ashby
Director - Special Projects
Domtar Fort Mills
Chairman of PAPTAC

EVENTS AND PAPTAC'S PUBLICATIONS



PaperWeek Canada – the Annual Conference of the Canadian Pulp and Paper Industry



PACWEST – Western Canada's annual regional conference



Atlantic Branch Conference – the annual conference of Atlantic Canada



J-FOR – PAPTAC's flagship journal publishing high-quality peer-reviewed articles dealing with science & technology of the forest products industry



J-FOR Plus – Enhanced editions of J-FOR for mills with operations driven articles and industry news



PaperWeek Access – The official magazine of PaperWeek Canada, featuring editorials, exclusive interviews, technology advancements and all the highlights of the industry's major event of year

PAPTAC YOUR CANADIAN PARTNER

PAPTAC plays an essential role in facilitating the exchange of information on a variety of issues related to operations optimization, management and industry advancement. Webinars, e-mail discussion groups, on-line forums, conferences, industry news: a wealth of information accessible to all PAPTAC members.



BUILDING FOR THE NEW PULP & PAPER COMMUNITY

