

WINNERS OF THE I.H. WELDON AWARD
FOR BEST PAPER OVERALL

GAGNANTS DU PRIX I.H. WELDON POUR
LE MEILLEUR ARTICLE TOUTE CATÉGORIE CONFONDUE

2021 Not attributed / Non attribué

2020 Not attributed / Non attribué

2019 Not attributed / Non attribué

2018 Not attributed / Non attribué

2017 Not attributed / Non attribué

2016 Not attributed / Non attribué

2015 Not attributed / Non attribué

2014 Not attributed / Non attribué

2013 Not attributed / Non attribué

2012 Dr. Derek Gray, McGill University, "Crystalline Nanocellulose".

2012 Not attributed / Non attribué

2011 Enrique Mateos-Espejel, Maryam Moshkelani, Mohammad Keshtkar and Jean Paris, École Polytechnique de Montréal, Canada, "*Sustainability of the green integrated forest biorefinery: A question of energy.*"

2010 Zhi-Hua Jiang and/et Richard Berry, FPInnovations, Canada, "*Near-Neutral Final Chlorine Dioxide Brightening: Theory & Practice.*"

2009 Mathieu Hamelin, AFT, Canada, **Sean Delfel, James Olson & Carl Ollivier-Gooch**, UBC, Canada; "*High Performance Multi-Element Foil (MEF) Pulp Screen Rotor - Pilot and Mill Trials.*"

2008 Dominique Lachenal, Guillaume Pipon & Christine Chirat, École française de papeterie, St-Martin d'Hères, France, "*Final Pulp Bleaching by Ozonation: Chemical Justification and Practical Operating Conditions*"

2007 Wenli Duo, FPInnovations, Paprican Division, Vancouver, BC; **Ibrahim Karidio**, FPInnovations, Paprican Division, Prince George, BC; and / et **Vic Uloth**, FPInnovations, Paprican Division, Prince George, BC "*Reducing Fossil Fuel Use in Hogged Fuel Power Boilers*"

2006 Pierre Frigon, Trois-Rivières, QC, and/et **Michel Gratton**, Compagnie Abitibi-Consolidated du Canada, Montréal, QC, "*Predicting Lint Propensity of Paper at the Mill: A Test that Works*"

2005 Michelle Ricard, José-Antonio Orcotoma, Paprican, Pointe-Claire, QC; **Jim Ling, Robert Watson**, Howe Sound Pulp and Paper Limited, Port Mellon, BC, *“Pectinase Reduces Cationic Chemical Costs in Peroxide-Bleached Mechanical Grades”*

2004 James Keiser, Oak Ridge National Laboratory, Oak Ridge, TN, USA; **Preet Singh**, Institute of Paper Science & Technology, Atlanta, GA, USA; **Jerry Yuan**, Pacific Simulations Ltd., Vancouver, BC, Canada; **Joseph Kish, Douglas L. Singbeil, Laurie Frederick**, Paprican, Vancouver, BC, Canada *“Causes and Solutions for Recovery Boiler Primary Air Port Composite Tube Cracking” Paper written in collaboration with / papier écrit en collaboration avec Kimberly Choudhury, Gorti Sarma and Camden Hubbard*

2003 Reza Amiri, Paprican, Pointe-Claire, QC **Bernard Bégin**, Bowater produits forestiers du Canada inc., Gatineau, QC **Stéphane Deshaies**, Abitibi-Consolidated compagnie du Canada, Fonthill, ON **Saïd Mozaffari**, Abitibi-Consolidated compagnie du Canada, Thorold, ON *“Effects of Wood and Pulp Quality on Linting Propensity”*

2002 Bruce J. Allison, Paprican, Vancouver, BC **John Ball**, Canadian Forest Products Ltd., Prince George Pulp and Paper Division, Prince George, BC *“Cascaded Model Predictive Control of a Rotary Lime Kiln”*

2001 Bryan J. Fuhr, Deborah Henry, George Sedgwick, John Wooley, Alberta Research Council, Edmonton, AB **Gary S. Smith**, Alberta Newsprint Co., Whitecourt, AB *“On-Line Wood Species Sensor”*

2000 J.A. Olson, UBC/Mechanical Engineering, Vancouver, BC, *“Fibre Length Fractionation Caused by Pulp Screening, Slotted Screen Plates”*

1999 P.R. Bérubé, E. R. Hall, Pulp and Paper Centre, University of British Columbia, Vancouver, BC, *“Treatment of Evaporator Condensate Using a High-Temperature Membrane Bioreactor: Determination of Maximum Operating Temperature and System Costs”*

1998 J.F. Houle, Technologies Ovapi Inc., St-Hyacinthe, QC, **Y. Brousseau**, Produits forestiers Donohue Inc., Amos, QC, **J.G. Dorica**, Paprican, Pointe Claire QC, **J. Paris**, École Polytechnique, Montréal, QC, *“Reduction of Fresh Water Consumption for Process and Non-Process Uses in an Integrated Newsprint Mill ”*

1997 GM. Dorris, M. Dagenais, M. Douek, Paprican, Pointe Claire, QC, **K. Boegh, J.G. Allen**, Avenor, Thunder Bay, ON, *“Use of Distilled Tall Oil as a Flotation Collector in Deinking Mills”*

1996 J.I. Volk, J.J. Young, Weldwood of Canada Ltd.- Hinton Division, Hinton, AB, *“Successful Lo-Solids™ Cooking at Hinton”*

1995 H.U. Heintze, P.M. Shallhorn, Domtar Inc., Senneville, QC, *“Hardwood Vessel Picking and the Manufacturing Process”*

1994 B.J. Allison, P. Tessier, G.A. Dumont, University of British Columbia, Vancouver, BC, **J. Ciarniello**, MacMillan Bloedel Research, Burnaby, BC, *“Dual Adaptive Control of Chip Refiner Motor Load: Industrial Results”*

1993 C.-L. Lee, K. Hunt, Paprican, Vancouver, BC, **R.W. Murray**, University of Missouri, St. Louis, MO, *“Activated Oxygen, a Selective Bleaching Agent for Chemical Pulps, Part I: Laboratory Bleaching with Isolated and In-Situ-Generated Activated Oxygen”*

1992 C. Heitner, Paprican, **S.F. Ali, W.D. Kerr**, Fraser Inc., *“Printing Grade Ultra-High-Yield Pulps From Sawmill Waste and Mixed Hardwoods”*

1991 R. Garvie, Stone-Consolidated Inc., Bathurst, NB, *“Anaerobic/Aerobic Treatment of NSSC/CTMP Effluent and Biogas Utilization”*

- 1990 J.D. McDonald, R. Daunais, I.I. Pikulik, I.T. Pye**, Paprican, Pointe Claire, QC *“A New Web Transfer System for Closing the Draw Between the Last Press and the Dryer Section”*
- 1989 R.H. Voss, C.E. Luthe, B.I. Fleming, R.M. Berry, L.H. Allen**, Paprican, Pointe Claire, QC *“Some Insights into the Origins of Dioxins Formed During Chemical Pulp Bleaching”*
- 1988 J.V. Hatton, S.S. Johal**, Paprican, Vancouver, BC, *“Chemimechanical Pulps from Hardwood/ Softwood Chip Mixtures”*
- 1987 J.D. McDonald, I.I. Pikulik**, Paprican, Pointe Claire, QC, *“The Effect of Pressing on the Print Quality of Newsprint”*
- 1986 P.M. Shallhorn, A. Karnis**, Domtar Inc., Senneville, QC, **D. Laliberté**, Domtar Inc., Dolbeau, QC, *“Comparison of TMP and CTMP Properties from Spruce and Pine Sawmill Chips”*
- 1985 R.B. Michaelson**, MacMillan Bloedel Ltd., Vancouver, BC, *“The Application of Multifunction Controllers to a Stock Preparation System at MacMillan Bloedel Ltd.”* (Paper written in collaboration with/ Communication préparée en collaboration avec **A.S. Broadway**)
- 1984 A. Garner**, Paprican, Pointe Claire, QC, *“Suction Roll Failures in Canada”*
- 1983 M.C. Barbe, R.S. Seth, D.H. Page**, Paprican *“Curl Setting - A Process for Improving the Properties of High-Yield Pulps”*
- 1982 O.V. Ingruber, M. Stradal, J.A. Histed**, CIP Research Ltd., *“Alkaline Sulphite-Anthraquinone Pulping of Eastern Canadian Woods”*
- 1981 D.A. Reside, A.A. Roche, D.C. Bouchard**, Pulp and Paper Research Institute of Canada, *“Kraft Mill Energy: Analysis and Management”*
- 1980 D. Atack, C. Heitner**, Pulp and Paper Research Institute of Canada, **A. Karnis**, Domtar Inc., *“Ultra-High Yield Pulping of Eastern Black Spruce, Part II”*
- 1979 Vincenza Allenger, R.H. Crotagino**, Pulp and Paper Research Institute of Canada, *“Mathematical Model of the Papridryer Process”*
- 1978 L.H. Laliberté, W.B. Sharp**, Pulp and Paper Research Institute of Canada, *“Corrosion Control in the Bleach Plant”*
- 1977 J.A. Dawson, A.D.G. MacLellan, P.M. Shallhorn, A. Karnis**, Domtar Ltd., Research Centre, *“A Rapid Method of Developing the Latent Properties of Mechanical Pulps”*
- 1976 D.F. Rutland, A.Y. Jones, P.M. Shallhorn, J. Tichy, A. Karnis**, Domtar Ltd., Research Centre, *“Stock Properties and Paper Machine Performance”*
- 1975 D.H. Breck, W.D. May, M.N. Tremblay**, Pulp and Paper Research Institute of Canada, *“Thermo-mechanical Pulping - A Preliminary Optimization”*
- 1974 G.A. Smook, K.A. Cutshall, Jasper Mardon**, MacMillan Bloedel Ltd., *“Variables Affecting Press Performance on High Speed Newsprint Machines”*
- 1973 O.V. Ingruber**, CIP Research Ltd., **G.A. Allard**, N.B. International Paper Ltd., *“Alkaline Sulphite Pulping for Kraft Strength”*
- 1972 G.A. Robb**, National Energy Board **R.R. Colpitts**, Girouard Letendre & Associates, *“Energy Supply and Utilization”*

1971 Norman Liebergott, Pulp and Paper Research Institute of Canada, *"A Novel High-Density Bleaching Sequence - DPD"*

1970 Karl Patrick, J.L. Betts, D.E. Routledge, Fraser Companies Ltd., *"The Fraser Process for Chemical Treatment of Kraft Mill Effluent"* (Paper written in collaboration with/ Communication préparée en collaboration avec **R.J. Paradis**.)

1969 Dr. H.J. Kalish, CIP Research Ltd., *"Alkali-Formaldehyde Pretreatment of Coniferous Woods in Sulphite Pulping"*

1968 Norman Liebergott, Dr. F.H. Yorston, Pulp and Paper Research Institute of Canada, *"The Use of Ammonia in the Caustic Extraction Stage"*

1967 Dr. R. de Montigny, I.T. Pye, T.B. Hedley, Pulp and Paper Research Institute of Canada, *"The Papriformer - Part I. The Machine and its Performance"*

1966 Jasper Mardon, R.E. Monahan, MacMillan Bloedel Ltd., D.W. Manson, Brown Co., *"Perforated Rolls - Design, Structure and Use"*

1965 Dr. K.G. Booth, Abitibi Paper Co. Ltd., *"Shives in Newsprint: Their Detection, Measurement and Effects of Paper Quality"*

1964 Dr. T.N. Kleinert, formerly with Pulp and Paper Research Institute of Canada, *"Rapid Alkaline Pulping"*

1963 M.T. Neill, L.R. Beath, Price Bros & Co. Ltd., *"Super/ groundwood - Its Manufacture from Chips and Use as Sole Newsprint Furnish"*

1962 D. Atack, W.D. May, Pulp and Paper Research Institute of Canada, *"Mechanical Pulping Studies with a Model Steel Wheel"*

1961 B.I. Howe, J.E. Lambert, Quebec North Shore Paper Co., *"An Analysis of the Theory and Operation of High Steel Roll Calender Stacks"*

1960 P.B. Wahlstrom, Anglo Paper Products Ltd., *"A Long Term Study of Water Removal and Moisture Distribution on a Newsprint Machine Press Section"*

1959 Dr. W.A. Mueller, Pulp and Paper Research Institute of Canada, *"Anodic Protection of Alkaline Pulping Digesters"*

1958 W.H. Gauvin, G. Lee, Pulp and Paper Research Institute of Canada, *"Chemical Recovery from Sodium-Base Spent Sulphite Liquors by the Atomized Suspension Technique"* (Paper written in collaboration with/ Communication préparée en collaboration avec **N.J. Themelis**.)

1957 Not attributed / Non attribué

1956 G. Burkhard, P.E. Wrist, Quebec North Shore Paper Company, *"Investigations of High Speed Paper Machine Drainage Phenomena"*

1955 Jasper Mardon, G. Gavelin, K.C. Logan, North Eastern Paper Products Limited, *"Effect of Some Machine Characteristics on Paper Uniformity"*

1954 W.H. Rapson, University of Toronto, *"A Continuous Process for the Manufacture of Chlorine Dioxide"*

1953 J.C. Jordan, Abitibi Power and Paper Co. Ltd., *"Paper Mill Ventilation with Closed Hoods at Iroquois Falls"*

1952 E. Langins, Bowater's Newfoundland Pulp and Paper Mills Limited, "*Pulp Studies Using the Wet-Web Tensile Tester*"

1951 Dr. G.L. Laroque, The New York Daily News, "*Measuring the Printing Quality of Newsprint*" (Paper written in collaboration with/ Communication préparée en collaboration avec **B. Axelrod and S. Clark.**)

1950 D. Craig, J.K. Russell, Northeastern Paper Products Limited, "*Thermal Compression Evaporation of Waste Sulphite Liquor - A Pilot Plant Study*" (Paper written in collaboration with/ Communication préparée en collaboration avec **H. Elgee.**)

1949 Dr. H.S. Hill, Dr. J. Edwards, L.R. Beath, F.P. Silver, Price Bros & Co. Ltd.,
1. "*Curlated Pulp - A New Approach to Pulp Processing*", and 2. "*The Curlator, Its Application to High Yield Newsprint Sulphite*"

1948 E.T. Buchanan, Consolidated Paper Corporation Limited, "*Suction Rolls and Vacuum Requirements*"

1947 G.H. Tomlinson, G.H. Tomlinson II, J.N. Swartz, H.D. Orloff, J.H. Robertson, Howard Smith Paper Mills Limited, "*Improved Heat and Chemical Recovery in the Alkaline Pulping Processes*"

1946 Dr. J.N. Swartz, Howard Smith Paper Mills Limited, "*The Bleaching of Sulphate Pulp*"

1945 F.A. Garrett, Canadian International Paper Company, "*Pressing and Press Roll Crowns*"

1944 Dr. C.A. Sankey, The Ontario Paper Co. Ltd., "*Alcohol from Waste Sulphite Liquor*"

1943 W.H. de Montmorency, Gair Company of Canada Limited, "*A Study of Stock Preparation in Paperboard Mills*"

1942 J.D. Brown, Canadian International Paper Company, "*Studies in the Classification and Refining of Groundwood*"

1941 Carl D. Jentz, St. Lawrence Paper Mills Co. Ltd., "*Flash Roasting of Pyrites*"

1940 E.G. Kirby, The Ontario Paper Co. Ltd., "*Slime Control at The Ontario Paper Co. Ltd.*"

1939 Not attributed / Non attribué

1938 Not attributed / Non attribué

1937 R.J. Chambers, Anglo-Canadian Pulp & Paper Mills Limited, "*Factors Affecting Dryer Performance*"

1936 C.B. Davies, Abitibi Power & Paper Co. Ltd., "*Control of Sulphur Consumption in the Manufacture of Sulphite Pulp*"

1935 Dr. W. Boyd Campbell, Forest Products Laboratories of Canada, "*Fibre Structure and its Influence in Papermaking*"

1934 W.A. Ketchen, Fraser Companies Limited, "*Curl in Sulphite Papers*"

1933 Not attributed / Non attribué

1932 Otto Brauns, Abitibi Power & Paper Co. Ltd., "*The Elimination of Pitch Trouble*"

1931 G.P. Genberg, Fraser Companies Limited, *“The Effect of Calcium Lime in the Production of a High Alphacellulose Content Bleached Sulphite”*

1930 F.L. Mitchell, Abitibi Power & Paper Co. Ltd., *“Use of Circulating Systems”*