

WINNERS OF THE DOUGLAS ATACK AWARD FOR BEST  
MECHANICAL PULPING PAPER

*GAGNANTS DU PRIX DOUGLAS ATACK POUR LE MEILLEUR  
ARTICLE DANS LE DOMAINE DE LA PÂTE MÉCANIQUE*

**2021** No attributed / non attribué

**2020** No attributed / non attribué

**2019** No attributed / non attribué

**2018** **Yu Sun**, Catalyst Paper, *“Wood and Fibre Quality Impacts.”*

**2017** No attributed / non attribué

**2016** No attributed / non attribué

**2015** No attributed / non attribué

**2014** **André Pelletier and Kecheng Li**, UNB, **Martin Fairbank**, Resolute Forest Products, **Mark Frith**, Port Hawkesbury Paper, and **George Court**, Irving Paper, *“Enzymatic pre-treatment of wood chips for energy savings in TMP refining”*

**2013** No attributed / non attribué

**2012** **Youfeng Lin and Robert Lanouette**, Université du Québec à Trois-Rivières, Canada, *“The Production of Mechanical Pulp from Jack Pine: Selective Refining or Whole-Pulp Refining?”*

**2011** **Holton Quinn**, Alberta Newsprint Company, Canada, *“Mill experience in newsprint quality prediction at the TMP refiners.”*

**2010** **Xue Feng Chang, Colin Bridges, David Hu, David Kuan, Lena Kuang, James Olson, Antti Luukkonen, UBC, Canada** and/et **Rodger Beatson, BCIT, Canada**, *“Saving Electrical Energy by Alkaline Peroxide Pretreatment of TMP prior to Low Consistency Refining.”*

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

**2008** **Zhibin He** and/et **Yonghao Ni**, UNB, NB, **Hongjie Zhang**, Tianjin University of Science and Technology, China and/et **Yajun Zhou**, Tembec Inc., Témiscaming, QC, *“Adding Optical Brightening Agents to High-Yield Pulp at the Pulp Mill”*,

**2007 Yuzhou Bian**, Carter Holt Harvey, Whakatane, New Zealand; **Yonghao Ni**, University of New Brunswick, Fredericton, NB; **Zhiran Yuan**, FPIInnovations, Paprican Division, Pointe-Claire, QC; **Cyril Heitner**, Pierrefonds, QC; **Serge Beaulieu**, SBTECH, Lac Supérieur, QC *“Improving TMP Rejects Refining through Alkaline Peroxide Pretreatment: An Opportunity for SCA Paper”*

**2006 Yonghao Ni** and/et **Li Yu**, University of New-Brunswick, Fredericton, NB *“Partition of Soluble and Precipitated Oxalate and its Implication on Decreasing Oxalate-Related Scalling during Peroxide Bleaching of Mechanical Pulps”*

**2005 Thomas Q. Hu**, Paprican, Vancouver, BC; **Brian R. James**, University of British Columbia, Vancouver, BC *“A New Class of Bleaching Agents for Mechanical Pulps”*

**2004 Zhiqing Li**, **George Court**, **Robert Belliveau**, **Michael Crowell**, **Rick Murphy**, Irving Paper, Saint John NB; **Aileen Gibson**, **Mark Wajer**, Martin Magnesia Specialties Inc., Baltimore MD USA; **Burton Branch**, Neil and Gunter Limited, Fredericton NB and /et **Yonghao Ni**, University of New Brunswick (Limerick Pulp & Paper Centre) Fredericton NB, *“Using Magnesium Hydroxide (Mg(OH)<sub>2</sub>) as the Alkali Source using Peroxide Bleaching at Irving Paper”*

**2003 Y. Ni** and **Z. He**, University of New Brunswick, Fredericton, NB and **E. Zhang**, Holmen Paper AB, Hallstavik, Sweden, *“Mechanism of Sodium Borohydride-Assisted Peroxide Bleaching of Mechanical Pulp (The PR Process)”*

**2002 K.-G. Ryrberg**, **L. Obitz** and **R. Englund**, Fiber Accelerator Sweden AB, Hagersten, Sweden, *“The Fiber Accelerator – A New Device for Energy Recovery in TMP and CTMP Plants”*

**2001 B.J. Fuhr**, **D. Henry**, **G. Sedgwick**, **J. Wooley**, Alberta Research Council, Edmonton, AB, and/et **G.S. Smith**, Alberta Newsprint, Whitecourt, AB, *“On-Line Wood Species Sensor”*

**2000 R.A. Reme**, Norwegian Pulp and Paper Res. Inst., Trondheim, Norway, and/et **T. Helle**, Norwegian University of Science and Technology, Trondheim, Norway, *“Quantitative Assessment of Mechanical Fibre Dimensions During Defibration and Fibre Development”*