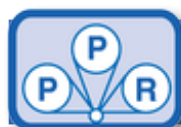


## Recognizing excellence in recycling

**Editor's Note:** In this issue, TAPPI Journal (TJ) once again welcomes the inclusion of exclusive content from Progress in Paper Recycling (PPR). TAPPI thanks Mahendra Doshi and Carl Houtman of the TJ Editorial Board for organizing this content.

– **Monica Shaw,**  
Editorial Director



**Progress in  
Paper Recycling**

of technical and scientific excellence, practical and economic utility, and clarity of oral presentation and written manuscript.

By way of background, Wayne Carr was a very active TAPPI member in the Pulp Manufacture Division and was responsible for encouraging members to join the division. He was a strong advocate of recycling and worked hard to keep the Recycling Committee going, even in the late seventies and early eighties when fewer members were interested in the topic. In 1991, he received the Pulp Manufacture Division Leadership and Service Award and the accompanying Joseph K. Perkins

In this PPR supplement to TJ, we feature the 2010 Wayne Carr Best Paper Award winner, “A new online image analyzer for macrocontaminants in recycled pulps,” co-authored by Michelle Ricard, Denise Filion, Sylvain Gendron, Gilles Dorris, Natalie Pagé, and Carlos Castro. The paper was first presented at the 2010 TAPPI PEERS Conference in Norfolk, VA, and was given the Wayne Carr Award on the basis



**Wayne Carr**

| Authors                                                        | Year              | Recycling Topic                                                                                           |
|----------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------|
| Shawn Berg, D.A. Johnson, and E.V. Thompson                    | 1996 <sup>a</sup> | “Toner detachment during repulping of laser printed office copy paper.”                                   |
| Helga K. Zollner and L.R. Schroeder                            | 1997 <sup>a</sup> | “Enzymatic deinking of non-impact printed white office paper with alpha-amylase.”                         |
| R. Daniel Haynes                                               | 1999 <sup>a</sup> | “The impact of the summer effect on ink detachment and removal.”                                          |
| Bruno Carre, L. Magnin, G. Galland, et al.                     | 1999 <sup>a</sup> | “Deinking difficulties related to ink formulation, printing process and type of paper.”                   |
| Bradley Lucas, R. Venditti, and H.J. Chang                     | 2002 <sup>b</sup> | “Factors in the passage of pressure sensitive adhesive particles through a slot.”                         |
| Benjamin Fabry and B. Carre                                    | 2002 <sup>b</sup> | “Comparison between different types of pulpers devoted to deinking processes.”                            |
| Tiina Sarja, P. Kourunen, and M. Zabihiian                     | 2003 <sup>b</sup> | “Control of potential secondary stickies in deinked pulp.”                                                |
| Shisei Goto and T. Miyanishi                                   | 2004 <sup>c</sup> | “Effects of structures and properties of surfactants on office waste deinking.”                           |
| Yuxia Ben, G. Dorris, and N. Pagé                              | 2004 <sup>c</sup> | “Application of column flotation in waste paper recycling.”                                               |
| William K. Sacia and J. Simmons                                | 2005 <sup>d</sup> | “The impact of changing ONP quality on a newsprint mill.”                                                 |
| Hanna Jokinen, A. Ämmälä, J.A. Virtanen, et al.                | 2006 <sup>d</sup> | “Pressure screen capacity - current findings on the role of wire width and height.”                       |
| J. A. Olson, C. Pflueger, S. Delfel, et al.                    | 2007 <sup>c</sup> | “High performance foil rotor improves deink pulp screening.”                                              |
| R. Daniel Haynes, J. Malloch, J. Tecklenborg, and E. Nicodimos | 2008 <sup>d</sup> | “Ask the Mill Gals” Panel                                                                                 |
| Mika Körkkö, O. Laitinen, A. Haapala, et al.                   | 2009 <sup>d</sup> | “The influence of PCC filler on near-infrared scattering, absorption and residual ink measurement error.” |
| Michelle Ricard, G. Dorris, S. Gendron, et al.                 | 2010 <sup>d</sup> | “A new online image analyzer for macrocontaminants in recycled pulps.”                                    |

<sup>a</sup> TAPPI Recycling Symposium

<sup>c</sup> Research Forum in Recycling: 7th - 2004; 8th - 2007

<sup>b</sup> TAPPI Fall Technical Conference

<sup>d</sup> TAPPI EPE Conference

**I. Wayne Carr Best Paper Award recipients.**

Prize. When he passed away in 1995, the Wayne Carr Best Paper Award was established in his memory.

Papers that previously won the Wayne Carr Award have been presented at various TAPPI events, as Table I shows. **Table I** also provides a list of winning papers, authors, and topics. The following Recycling

Committee members have participated in selecting one or more of the award winning papers: Terry Bliss, Garnet Bremner, Joe Cable, Matt Coleman, Mahendra Doshi, Danny Haynes, Carl Houtman, John Klungness, and Dick Spangenberg. No committee member was ever allowed to select his/her paper for the award.**TJ**

## TAPPI Announces Board of Directors Election Results

Congratulations to TAPPI's new Directors: Michael Exner (RockTenn), Steven J. Shifman (Michelman, Inc.) and E. Clayton Teague (National Nanotechnology Coordination Office, Retired). Elected to begin their three year terms in March 2012, they will join Norman F. Marsolan and Thomas J. Garland who continue to serve as TAPPI Chair, and TAPPI Vice Chair, respectively.



**Exner**

**Shifman**

**Teague**

### Exner-Shifman-Teague

Exner is currently Senior Vice President and General Manager of Corrugated Packaging -Containerboard Mills at RockTenn Company in Norcross, GA, and has had a long and distinguished career in mill management, working with International Paper for more than 30 years. Shifman is the President and CEO of Michelman and having joined the company in 1992, has held multiple corporate positions there, including sales management, business unit management and chief financial officer. Teague has worked in the fields now known as

nanotechnology since 1968 and most recently served as Director of the Federal National Nanotechnology Coordination Office (NNCO), and as Chair of the American National Standards Institute Technical Advisory Group to the ISO Technical Committee on Nanotechnologies (ISO TC 229).

Exner, Shifman and Teague will join these Directors who will continue to serve on the TAPPI Board: Robert J. Gallo (Voith Paper North America), Jeff Hamilton (Sappi Fine Paper N.A.), Markku A. Karlsson (UPM-Kymmene Corporation), Sandra L. LeBarron (Finch Paper LLC), Chris O. Luetgten (Kimberly-Clark Professional Research and Engineering), Larry N. Montague (TAPPI), and Robert A. Snyder (Orchids Paper Products Co.).

Former TAPPI Chair Jeffrey J. Siegel (Mica Corp.) served as Chairman of the 2012 Nominating Committee. Other committee members included Carlos A. Aguiar (Fibria, Retired), Alan F. Button (Buttonwood Consulting), John R. Martin (Packaging Corp. of America), Larry N. Montague (TAPPI), Richard B. Phillips (NC State), Lewis D. Shackford (GL&V), Peter D. Wallace (Arclin) and Mark T. Watkins (MWV).

Special thanks go to the following TAPPI Board of Director members: Davide R. Friedman (Fibre Tech Packaging Solutions), Thomas E. Rodencal (Nalco Company), and Gary M. Scott (SUNY-ESF) as they complete their terms in March 2012.