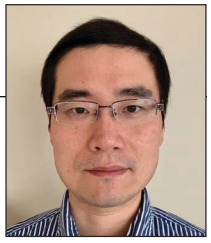
Editorial



SCOTT ROSENCRANCE
TAPPI Journal
Editorial Board



JOE MAHONEY
Guest Editor



LEBO XU
Guest Editor

Agility and adaptation in a dynamic business world

Being agile and adaptive in this current business world is both necessary and beneficial. Throughout last year, we all continued to both directly and indirectly experience the dynamic world where we live. As we well know, in early 2020 the pandemic gained momentum and has fundamentally altered our daily lives, both personally in how we live and professionally in how we work.

One result of this changing 2020 landscape was that PaperCon 2020 was cancelled last spring. TAPPI demonstrated its commitment to the health and safety of its members by making this decision. The great news is that TAPPI has announced we will have TAPPICon 2021 this coming April 25-28, which will include PaperCon 2020 content, as well as much new content. As of this issue's publication, the plan is for TAPPICon to have both in-person activities held at the Cobb Galleria Centre in Atlanta as well as virtual platforms, adapting the conference program to provide an innovative conference experience.



A comprehensive conference

TAPPICon will bring together six industry segment conferences: PaperCon 2021, TissueCon, NETInc's Innovative Nonwovens Conference, the Recycled Paperboard Technical Association (RPTA) conference, IDCON's maintenance event, and the Women's Summit. Designed by industry professionals, TAPPICon will engage CEOs, mill managers, superintendents, scientists, process engineers, and suppliers from over 36 different countries for this comprehensive event that includes a peer-reviewed technical program and networking opportunities, both virtual and in person.

Special *TAPPI Journal* Papermaking Additives content

Please enjoy this issue's compilation of innovative technical work related to Papermaking Additives that will be highlighted at the upcoming TAPPICon. From Terry Bliss and co-authors (p. 9) at Solenis LLC, you can read about a novel device for applying foamed wet-end additives to laboratory handsheets—additives that can result in cleaner white water and higher chemical efficiency. Cole Price and Martin Hubbe (p. 21) of North Carolina State University describe a "spray starch" technology that is an alternative for some existing Fourdrinier and cylinder board machines seeking to achieve various strength specifications. Panek and co-authors (p. 29) at WestRock study the effects of moisture variations on tear strength in once-dried handsheets by designing a meaningful laboratory method with implications for identifying factors that play a key role in wet tear strength.

Other content in this issue from Krochak and co-authors (p. 39) at RISE Research Institutes of Sweden highlights a robust way to optimize addition levels and addition locations of papermaking additives in multicom-

ponent wet-end systems. Skuse and co-authors (p. 49) from FiberLean Technologies Ltd. examine the potential of mineral/microfibrillated cellulose (MFC) as a means for grade and application development, as well as cost savings. Phipps and co-authors, also of FiberLean Technologies, demonstrate the positive effect of MFC on paper machine runnability through measurements of wet web strength in pilot machine trials.

Industry adapts to address change

Conferences like TAPPICon are needed more than ever. The world is changing and the paper industry continues to adapt and show tremendous agility. Additionally, this changing landscape in our industry has created some unique opportunities. For instance, e-commerce growth continues to lead to increased box demand. Evolving supply chain reform will drive the need for new package solutions to respond to evolving lifestyles and most certainly will create additional demand for new paper and pulp products. We look forward to seeing you in-person or virtually at TAPPICon 2021 to address this dynamic business environment! **TJ**

Rosencrance is a member of the TAPPI Journal *Editorial Board and regional director for Kemira in Atlanta, GA, USA. Mahoney is senior synthesis scientist for Buckman International in Memphis, TN, USA. Xu is senior R&D scientist/engineer for WestRock in Richmond, VA, USA.*

In Memory of Charles (Ted) Gammon



TAPPI honors Charles Theodore (Ted) Gammon, a 49-year TAPPI member who passed away on December 19, 2020. A talented and innovative chemist, Ted specialized in development of defoamers for the pulp and paper industry and was awarded five U.S. patents. His career began at Drew Chemical and concluded with Kemira, after which he formed GAMTECH. His talent in chemistry and innovation made a profound impact on the industry.

BIOPRODUCTS/BIOENERGY IS GROWING RAPIDLY

Are you a part of the innovation?

ABSTRACTS DUE MARCH 15, 2021

TAPPI's International Bioenergy and Bioproducts Conference (IBBC) focuses on new technologies using renewable materials from biomass:

- **Innovative Bioproducts and Biopolymers from Biomass**
  - Lignin Recovery and New Products
  - Bio-based Polymers, Chemicals and Products
- **Biomass Conversion Pathways**
  - Innovative Technologies to Transform Biomass
- **Supporting the Sustainable Bioeconomy**
  - Leveraging Pulp Mill Assets
  - Biomass Utilization and Sustainability Assessments

Don't miss your opportunity to be part of IBBC's STUDENT POSTER SESSION AND COMPETITION

Open to all graduate and undergraduate students

Get industry exposure and feedback

Prizes awarded

For more information and to submit abstracts visit tappi-ibbc.org

Accepted papers are also considered for publication in TAPPI Journal

Co-located with TAPPI's Pulping, Energineering, Environmental, Recycling and Sustainability (PEERS) Conference

TAPPI IBBC 2021 International Bioenergy & Bioproducts Conference

November 7-10, 2021 • Atlanta, GA