



COATING, PRINTING AND SURFACE ENHANCEMENTS CALL FOR PAPERS

Abstract Submission Deadline: November 10, 2023

The Coating, Printing and Surface Enhancements program aims to provide a global forum for the presentation of original fundamental research, practical case studies, and material/process development through talks, posters, and diverse panel discussions from the paper and board coating, printing, surface enhancement, converting, and graphic arts industries.

Being a part of TAPPICon provides extensive opportunities for professional networking, advancing technical skills and scientific knowledge, and career development. We invite submissions for oral and poster presentations. Submissions will include an extended abstract or manuscript as part of the submission process. State-of-the-art research and development of sustainable packaging solutions as well as emerging trends in sustainable packaging development and surface enhancements are highly encouraged.

Specific categories and suggested topics include:

Sustainable Packaging Trends and Development

- Market drivers for sustainable packaging development in North America and other regions
- Update and outlook on anti-plastic packaging legislation
- Flexible packaging barrier coated papers – requirements, testing, and comparisons to incumbent materials
- Alternatives to single use plastics – concepts and opportunities
- Market trends in lightweighting of packaging
- Advances in recyclability, compostability, and/or biodegradability of fiber-based products

Novel Coating and Process Technologies

- Novel coating materials, including biobased, nano- and renewable materials
- Functional coatings for barrier (water, water vapor, oxygen, oil/grease), antimicrobial, flame retardance, anti-static, anti-corrosion, release, thermal, and other unique applications
- Print applied barrier and specialty coatings

- Coatings for inkjet, electrophotographic and other printing processes
- Coated labels and liners
- Functional/specialty coating applications
- Multilayer and curtain coating technologies
- Advances in equipment and systems such as filtration and deaeration
- Processing methods and drying strategies

Advances in Printing and Graphic Arts

- UV curable printing technology advancements or challenges
- Printed electronics
- Insights into ink/paper interactions, test methods and effects on print quality
- Digital image analysis
- Advances in knowledge about coated sheet requirements for improved printing response

Coating, Printing and Finishing Solutions

- Mill case studies or success stories focused on innovative solutions
- New ideas for productivity and energy savings towards NET ZERO operations
- Structure-property relationships of coatings and their impact on finished product attributes
- Advances in coating rheology
- Novel test methods for materials, formulations, and coatings
- Advances in calendering, winding, and roll finishing

PLEASE NOTE: Full manuscripts are not required to be a part of the technical program. However, if you would like to be a contender for the coveted **Best Paper Award** with potential for publication in the TAPPI Journal, a full technical manuscript is required. The **Best Presentation** will also be judged and awarded.

The recipient of the **Best Student Paper** receives a Scholarship in the amount of \$1,000 along with the recognition for the work.