

SIX INDUSTRY SEGMENTS COME TOGETHER IN 2021 FOR ONE AMAZING, INTERACTIVE EXPERIENCE



Invitation to Present

Don't miss your opportunity to be part of this prestigious event. Share your latest advancement, technical success or case study with the industry. Abstracts are due by October 12, 2020.

SUGGESTED TOPICS BY TRACK

Coating & Graphic Arts

- Packaging, Label, and Digital Coating Applications
- Advances in Printing and Graphic Arts
- Water-Based Barrier Coatings
- Novel Coating and Process Technologies
- Sustainable Alternatives to Single-Use Plastics
- Other Coating and Finishing Topics

Paper & Board

- Managing papermaking processes
- Old-school systems we shouldn't forget with new-school processes
- Using Big Data and Advanced Process Control to improve machine performance
- Keeping our systems operating efficiently
- Success stories and shared experiences

Papermaking Additives

- Process and Functional Additives
- Novel Additives
- Methods and Applications
- Green Chemistry

Papermaking Fundamentals

- Fiber–water interaction mechanisms at low or high solids content
- Fiber bonding mechanisms in wet and dry state including the link between pulp fiber properties and paper properties
- Cellulose-polyelectrolyte interactions in flowing fiber suspensions
- Fiber suspension dynamics in the approach flow, headbox and forming sections
- Product performance and the relation to physical properties of paper and board
- Novel characterization methods for papermaking and packaging performance
- Water removal/rewetting during forming, pressing and drying

Process Control

- Analytics and Monitoring
- Measurement Technologies
- Measurement and Control for Tissue
- Machine Vision
(including WIS, WMS, and other camera-based technologies)
- MD and CD Control
- QCS and DCS
- Scanner Measurement Processing
- Field Devices

SUGGESTED TOPICS BY TRACK cont.

Tissue

- Industry 4.0
- New Technology and Applications
- Tissue Production and Converting Operation
- Operating Efficiency/Energy Savings
- Safety and Fire Management
- Fiber and Furnish Strategies and Alternatives
- Tissue Production and Converting Innovations
- Internet of Things in Manufacturing
- Sustainability and the Circular Economy
- Yankee Dryer Operation
- Nanocellulose Applications for Tissue
- Water Management
- Chemistry and Additives
- Process Controls

Nonwovens

- Medical Innovations Including PPE (*e.g. Gowns, Face Mask and Respirators*)
- Sustainability and Circular Economy
- Wipes and Hygiene
- Technical Textiles
- Fibers, Binders, Additives and Minerals
- Converting Technologies
- Microplastics
- Regulatory Issues
- Filtration
- Building Applications
- Equipment and Processing Technologies
- Application of Nonwovens in Education

PIMA

- Management
- Women in Industry
- Young Professionals
- Workforce Development
- Information Technology (IT)

Recycled Paperboard

- Recycled Fiber of the Future
- Stock Prep Strategies to Optimize Strength for Recycled Paper Board Grades
- Water Reuse in Recycled Boxboard and Containerboard Mills – Challenges and Solutions
- Building the Future Papermaker – with a Special Interest in Generational Differences

SUBMITTAL INFORMATION

Abstracts Due: **October 12th, 2020**

Link to Upload: <https://TAPPIconference.smapply.io/prog/TAPPICon>

Event Website: <http://tappicon.org/>

Event Dates: April 25 – 28, 2021

Event Location: Atlanta, GA, USA

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