

INVITATION TO PRESENT

Share your knowledge around the latest advancements in technology, fibers, process and equipment.

Manuscripts for **PEERS 2021** are sought which provide reports or case studies on industry advancements and process improvements designed to inform, enlighten and engage both industry newcomers and long-term professionals.

TOPICS OF INTEREST

Suggested topics are listed below, but other topics are welcome!

Pulping	Mill Reliability
<ul style="list-style-type: none"> • Pulping technology – process audits & best practices • Kraft pulp yield improvement – additives or alternatives • Fiber improvements – strength, bonding, or economics • Advanced process measurements and control - chips and pulp • Managing pulp wood - climate change and green fuel competition • Fluff and dissolving pulps- improving fiberization & properties 	<ul style="list-style-type: none"> • Best outage execution templates • Best practice in operator equipment care routes and documentation systems • Materials selection for corrosion resistance • Engineering project management/Capital planning • Fitness for service • Risk base inspection • Reliability Centered Maintenance
Brown Stock Washing	Recovery Boilers & Evaporators
<ul style="list-style-type: none"> • Fundamentals/best practices of pulp washing • On-line performance measurements • New washing technologies 	<ul style="list-style-type: none"> • Boiler tube and smelt spout integrity • Boiler fouling basics and sootblowing best practices • Recovery cycle process simulation and optimization • Monitor and control of black liquor variability • New technologies in black liquor evaporation
Bleaching	Lime Kiln & Reausticizing
<ul style="list-style-type: none"> • Fundamentals/best practices of bleaching • Bleach cost optimizations & audits • On-line instrumentations & process control • Deposit issues & control 	<ul style="list-style-type: none"> • Maximize kiln production (burners, chains, external dryers, etc.) • Managing kiln ring formation (SOP's, ring removal, etc.) • Selection and design of kiln burners • Maximize efficiency of reconstituting plant operation • Detection and impacts of non-process elements • Kiln maintenance best practices
Recycling	Energy and Power Boiler
<ul style="list-style-type: none"> • Advances in deinking • Recycling fiber for tissue production • Challenges of recycling OCC and brown paper • Stickers removal • Plant optimizations 	<ul style="list-style-type: none"> • Biomass energy & alternative wood-based fuels • Power boiler tuning for boiler MACT implementation • Power plant upgrades & energy conservation & cost reduction • Smart sensors and controls
Nonwood Fibers	Environment /Regulation /Sustainability
<ul style="list-style-type: none"> • Harvesting and storage • Chemical & physical properties • Advances in nonwood pulping & bleaching technology • Applications and handling of nonwood fibers and co-product streams 	<ul style="list-style-type: none"> • Innovations in air, water, solid waste, & chemical management and treatment • Regulatory updates and management approaches • Integration of environmental issues into the business • Carbon footprinting & life cycle analysis

Biorefinery Track part of IBBC

For more details, visit www.tappi-ibbc.org

- Developments in biomass crops, harvesting and storage
- Bio-based polymers and bioproducts technologies
- Market usage for lignin-based and cellulose-based products
- Thermochemical and biochemical conversion technologies
- Alternate feedstock options – forest residue, sludge, black liquor
- Use of pretreatments for biorefinery pulping

SUBMITAL INFORMATION

Abstracts Due: **March 15, 2021**

Link to Upload: [Speaker Management System](#)

Event Website: www.tappipeers.org

STUDENT POSTER SESSION AND COMPETITION

A Competition for Students and Young Professionals

Are you a student, graduate student or young professional who has recently joined the pulp and paper or allied industry? Have you successfully conducted research, implemented a project or have an idea for a project that sustainably drives our industry forward? We are soliciting abstracts on topics for innovative solutions to compete in a poster session refereed by industry experts. Examples include but are not limited to process improvements in consumption of energy, water and raw materials or the creation new sustainable products. Student research, senior design or internship projects are also welcome. Abstracts are due **March 15, 2021**.

ABSTRACT SUBMITTALS

Submissions are due by **March 15, 2021**. Submissions must be received by the stated deadline to be considered for acceptance. Due to the large number of submissions received, the organizers cannot guarantee that the submission will be accepted.

All submissions will be peer reviewed for acceptance. Submit title and 300-word or shorter abstracts via TAPPI's [Speaker Management System](#).

IMPORTANT DATES

- **Abstract Due – March 15, 2021**
- **Notification of Acceptance – April 22, 2021**
- **Papers Due to Session Chairs – August 31, 2021**
- **Final Papers Due to TAPPI – September 15, 2021**
- **Presentations Due to Session Chairs – September 15, 2021**
- **Final Presentations Due to TAPPI – October 2, 2021**

CO-LOCATED and CONCURRENT with



IBBC accepts PowerPoint Presentations with or without papers.

- Innovative Bioproducts and Biopolymers from Biomass
- Biomass Conversion Pathways
- Supporting the sustainable bioeconomy

www.tappi-ibbc.org

For questions on the speaker management system, please contact Pat Stiede, Content Management Specialist, at pstiede@tappi.org or +1 770 209-7214.

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