

Pulping  
Engineering  
Environmental  
Recycling  
Sustainability



Share Your Industry  
Knowledge and  
Expertise

## INVITATION TO PRESENT

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

Manuscripts for **PEERS 2019** 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!

<b>Pulping</b>	<b>Mill Reliability</b>
<ul style="list-style-type: none"> <li>Fundamentals/best practices of pulping technology</li> <li>Kraft pulping alternatives: additives, polysulfide, etc.</li> <li>Pulp yields: improvements, measurements &amp; audits</li> <li>Wood chip quality issues/best practices</li> <li>Fluff &amp; dissolving pulps: properties &amp; improving fiberization</li> </ul>	<ul style="list-style-type: none"> <li>Best outage execution templates</li> <li>Best practice in operator equipment care routes and documentation systems</li> <li>Materials selection for corrosion resistance</li> <li>Engineering project management/Capital planning</li> </ul>
<b>Brown Stock Washing</b>	<b>Recovery Boilers</b>
<ul style="list-style-type: none"> <li>Fundamentals/best practices of pulp washing</li> <li>On-line performance measurements</li> <li>New washing technologies</li> </ul>	<ul style="list-style-type: none"> <li>Boiler tube and smelt spout integrity</li> <li>Fouling basics and sootblowing best practice</li> <li>Combustion of concentrated non-condensable gases</li> <li>Recovery boiler pressure part integrity</li> </ul>
<b>Bleaching</b>	<b>Lime Kiln/Caustic Plant</b>
<ul style="list-style-type: none"> <li>Fundamentals/best practices of bleaching</li> <li>Bleach cost optimizations &amp; audits</li> <li>On-line instrumentations &amp; process control</li> <li>Deposit issues &amp; control</li> </ul>	<ul style="list-style-type: none"> <li>Maximize kiln production (burners, chains, external dryers, etc.)</li> <li>Managing kiln ring formation (SOP's, ring removal, etc.)</li> <li>Selection and design of burners</li> <li>Maximize causticizing efficiency</li> </ul>
<b><u>12<sup>th</sup> Research Forum on Recycling</u></b> <i>A special Forum held at PEERS every 3 years</i>	<b>Energy and Power Boiler</b>
<ul style="list-style-type: none"> <li>Deinking digital ink</li> <li>Recycling fiber for tissue production</li> <li>Challenges of recycling OCC and brown paper</li> </ul>	<ul style="list-style-type: none"> <li>Power plant upgrades &amp; energy conservation &amp; cost reduction</li> <li>Power boiler tuning for boiler MACT implementation</li> <li>Biomass energy &amp; alternative wood-based fuels</li> </ul>
<b>Nonwood Fibers</b>	<b>Environment /Regulation /Sustainability</b>
<ul style="list-style-type: none"> <li>Harvesting and storage</li> <li>Chemical &amp; physical properties</li> <li>Advances in nonwood pulping &amp; bleaching technology</li> </ul>	<ul style="list-style-type: none"> <li>Innovations in air, water, solid waste, &amp; chemical management and treatment</li> <li>Regulatory updates and management approaches</li> <li>Integration of environmental issues into the business</li> <li>Carbon footprinting &amp; life cycle analysis</li> </ul>
<b>Biorefinery Track part of IBBC</b> For more details, visit <a href="http://www.tappi-ibbc.org">www.tappi-ibbc.org</a>	<b>SUBMITAL INFORMATION</b>
<ul style="list-style-type: none"> <li>Developments in biomass crops, harvesting and storage</li> <li>Market usage for lignin-based products</li> <li>Thermochemical and biochemical conversion technologies</li> <li>Bioproducts from renewable resources</li> <li>Alternate feedstock options – forest residue, sludge, black liquor</li> <li>Use of pretreatments for biorefinery pulping</li> <li>Large scale studies of biofuel production</li> </ul>	<p>Abstracts Due: <b>March 15, 2019</b></p> <p>Link to Upload: <a href="#">Speaker Management System</a></p> <p>Event Website: <a href="http://www.tappipeers.org">www.tappipeers.org</a></p>

## STUDENT POSTER SESSION AND COMPETITION

*A Competition for Students and Young Professionals*

Are you a student, graduate student or young professional who's 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're 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, 2019**.

### ABSTRACT SUBMITTALS

Submissions are due by **March 15, 2019**. 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, 2019**
- **Notification of Acceptance – April 19, 2019**
- **Papers Due to Session Chairs – July 12, 2019**
- **Final Papers Due to TAPPI – September 6, 2019**
- **Presentations Due to Session Chairs – September 6, 2019**
- **Final Presentations Due to TAPPI – October 1, 2019**

CO-LOCATED and CONCURRENT with

**IBBC** International  
**2019** Bioenergy &  
Bioproducts  
Conference  
October 27-30, 2019 • St. Louis, MO

**IBBC accepts PowerPoint Presentations with or without papers.**

- Developments in biomass crops, harvesting and storage
- Thermochemical and biochemical conversion technologies
- Large scale studies of biofuel production

[www.tappi-ibbc.org](http://www.tappi-ibbc.org)

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

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