

### INVITATION TO PRESENT

Share your industry knowledge and expertise to support the competitiveness of the Pulp and Paper Industry. Manuscripts for **PEERS 2018** are sought that provide reports or case studies on the **latest advances in technology** as well as **fundamental process knowledge and control** to educate those new to the industry.

### 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, e.g., burners, chains, external dryers, etc.</li> <li>Managing kiln ring formation, e.g., SOP's, ring removal, etc.</li> <li>Selection and design of burners</li> </ul>
<b>Recycling</b>	<b>Energy and Power Boiler</b>
<ul style="list-style-type: none"> <li>Stickies removal and control</li> <li>Challenges of recycling OCC and brown paper</li> <li>Recycling fiber for tissue production</li> <li>Recovery paper quality issues</li> <li>Yield improvements</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>Non-wood 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 non-wood 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>	<b>SUBMITAL INFORMATION</b>
<p>For more details see: (<a href="http://www.tappi-ibbc.org">www.tappi-ibbc.org</a>)</p> <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:</p> <p><b>March 23, 2018</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

### DRIVING INDUSTRY INNOVATION – A COMPETITION FOR YOUNG PROFESSIONALS AND STUDENTS

Are you a student, graduate student or young professional who's recently joined the pulp and paper or allied industry? Have you successfully implemented a project or do you have a project idea 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 23, 2018.

#### ABSTRACT SUBMITTALS

Submissions are due by **March 23, 2018**. 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 23, 2018**

**Notification of Acceptance – April 20, 2018**

**Papers Due to Session Chairs – July 20, 2018**

**Final Papers Due to TAPPI – September 7, 2018**

**Presentations Due to Session Chairs – September 7, 2018**

**Final Presentations Due to TAPPI – September 28, 2018**

#### CO-LOCATED and CONCURRENT WITH

**IBBC** International  
**2018** Bioenergy &  
Bioproducts  
Conference

October 28-31, 2018 • Portland, OR

Option of Paper and Power Point Presentation Or  
Power Point Presentation Only

- 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); +1 770 209-7214.

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