



## PROGRAM TRACKS

IBBC Conference
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## PROGRAM

*AS OF 09/30/21 ( SUBJECT TO CHANGE)*

Sunday, November 7, 2021	
7:00AM – 6:30PM	Registration Open
7:30AM – 4:00PM	Bleach Plant Operations Workshop**
8:00AM – 4:00PM	Brown Stock Washing Workshop**
8:00AM – 4:00PM	Problem Solving in Pulp Mills – Lean Six Sigma Workshop**
8:00AM – 4:00PM	On-Line Digital Twin Technology for your Plant - Have your DCS communicate with a Live Simulation Model**
10:30AM – 11:30AM	Energy, Recovery, and Recast Steering Committee Meeting
11:00 AM - 1:30PM	Lunch for Workshop Attendees Only
12:00PM – 1:00PM	Joint Team Review of Conference Logistics*
1:00PM - 4:00PM	Engineering Division & Pulp Manufacture Division Council Meeting*
4:00PM - 5:00PM	Alkaline Pulping & Bleaching Committee Meeting
5:00PM – 7:00PM	Welcome Reception & Exhibit
7:00PM – 9:30PM	PEERS Awards Dinner*

\* Invitation Only

\*\* Additional registration fee required

\*\*\* Pre-registration required

<b>Monday, November 8, 2021</b>	
<b>6:30AM – 6:30PM</b>	<b>Registration Opens</b>
<b>7:00AM – 8:15AM</b>	<b>Speaker Breakfast (Monday Speakers Only)</b>
<b>7:30AM – 8:30AM</b>	<b>Women in Industry/Young Professionals Breakfast</b>
<b>8:30AM – 10:00AM</b>	<b>Session 1: Opening Session &amp; Keynote ✓</b> Session Chair: <i>Tom Mullen, Process Innovations</i> Keynote: <i>David Buchanan, President, Voith Paper North America</i>
<b>10:00AM – 10:30AM</b>	<b>Coffee Break &amp; Exhibit Open</b>
<b>10:30AM – 12:00PM</b>	<b>Session 2: State of the Industry ✓</b> Session Chair: <i>Dan Curry, Evergreen Packaging</i>
	<b>Panelists:</b>  <i>Heidi Brock, President &amp; CEO, AFPA</i> <i>Jonathon Rager, Sr. VP, Fast Markets, RISI</i> <i>Mike Doss, President &amp; CEO, Graphic Packaging</i>
<b>12:00PM – 1:30PM</b>	<b>Lunch &amp; Exhibit Open</b>
<b>12:00PM - 1:20PM</b>	<b>Engineering Division Committee of Chairs</b>
<b>12:00PM – 1:30PM</b>	<b>Young Professionals Lunch ✓</b>
<b>1:30PM – 3:00PM</b>	<b>Energy, Recovery and Recaust Main Committee Meeting</b>
<b>1:30PM – 3:00PM</b>	<b>Session 6: New Technology Showcase ✓</b> Session Chair: <i>Tom Mullen, Process Innovations</i>
	Fouling Cleaning and Prevention with Zero Process Downtime Through High-Power Ultrasound - <i>Esteban Soto, Beda Arponen, Altum Technologies</i>
<b>3:00PM – 3:30PM</b>	<b>Refreshment Break &amp; Exhibit Open</b>
<b>3:30PM – 5:00PM</b>	<b>Energy, Recovery and Recaust Sub-Committee Meetings</b> <b>Energy Subcommittee (ERR)</b> <b>Lime Kilns &amp; Recaust Subcommittee (ERR)</b> <b>Recovery &amp; Power Boilers Subcommittee (ERR)</b> <b>Water Treatment Subcommittee (ERR)</b>
<b>3:30PM – 5:00PM</b>	<b>Environmental &amp; Sustainability Working Group</b>
<b>5:00PM – 6:30PM</b>	<b>Reception &amp; Exhibit Open</b>

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7:00PM – 9:00PM	PEERS Conference Networking Dinner**
<b>Tuesday, November 9, 2021</b>	
6:30AM – 6:30PM	Registration Open
6:45AM – 8:30AM	Hot Topic Breakfast I***
6:45AM – 8:00AM	PaperChase Fun Run/Walk**
7:00AM – 8:15AM	Speaker Breakfast (Tuesday Speakers Only)
8:30AM – 10:00AM	<b>IBBC Session 1: IBBC Keynote</b> Session Chair: <i>Jean-Pierre Bousquet, Valmet USA, Inc.</i> <i>Thomas Meth, ENVIVA</i>
10:00AM – 10:30AM	Coffee Break & Exhibit Open
10:30AM – 12:00PM	<b>IBBC Session 2: Biofuel/Products Development at the Federal Agencies Level (Invited Speakers)</b> Session Chair: <i>Jayashankar Tumuluru, Idaho National Laboratory (INL)</i>
	Conversion of Organic Waste Streams Through Bioprocessing – <i>Ning Sun, Lawrence Berkeley National Laboratory</i>
	Performance of Candidate Containment Materials for Bio-Oil Production and Storage - <i>James R. Keiser, Oak Ridge National Laboratory</i>
	The Role of Long-Term Storage to Reduce Risk of Feedstock Loss and Facilitate Recalcitrance Reduction - <i>Lynn Wendt, Idaho National Laboratory</i>
12:00PM – 1:20PM	<b>2022 PEERS Technical Program Planning Meeting*</b>
12:00PM – 1:30PM	Lunch & Exhibit Open
12:30PM – 1:30PM	<b>Biorefinery Committee</b>
1:30PM – 2:30PM	<b>Fiber Recycling Committee</b>
1:30PM – 3:00PM	<b>IBBC Session 3: Innovative Bioproducts and Biopolymers from Biomass-Part I</b> Session Chair: <i>Sudhagar Mani, University of Georgia</i>
	Sorghum as a novel biomass for the sustainable production of cellulose nanofibers – <i>Jordan Pennells, Australian Institute for Bioengineering and Nanotechnology</i>
	The Effects of Hot Water Extraction and Recovered Lignin Addition on Fuel Pellet Properties - <i>Autumn Elniski, SUNY-ESF</i>
3:00PM – 3:30PM	Refreshment Break & Exhibit Open

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<b>3:30PM – 5:00PM</b>	<b>IBBC Session 4: Innovative Bioproducts and Biopolymers from Biomass -Part II</b> <b>Session Chair: <i>Sudhagar Mani, University of Georgia</i></b>
	Kraft Lignin Production at West Fraser's Hinton Mill Using the LignoForce™ System - <i>Michael Paleologou, FPInnovations</i>  Life Cycle Assessment of Construction-grade Thermoplastics from Organosolv Lignin - <i>Matthew Aro, Natural Resources Research Institute</i>  Swift Kraft Lignin Depolymerisation under Hydrothermal Conditions - <i>Ahlbom Anders, Chalmers</i>
<b>5:00PM – 6:30PM</b>	<b>Reception and Exhibit Open</b>
<b>6:30PM – 7:30PM</b>	<b>Young Professionals Mixer</b>
<b>7:00PM – 9:00PM</b>	<b>IBBC Conference Dinner**</b>
<b>Wednesday, November 10, 2021</b>	
<b>6:30AM – 12:00PM</b>	<b>Registration Open</b>
<b>6:45AM – 8:30AM</b>	<b>Hot Topic Breakfast II***</b>
<b>7:00AM – 8:15AM</b>	<b>Speaker Breakfast (Wednesday Speakers Only)</b>
<b>8:30AM – 10:00AM</b>	<b>Plant Engineering &amp; Project Management &amp; Corrosion &amp; Materials Engineering (Joint Meeting)</b>
<b>8:30AM – 10:00AM</b>	<b>IBBC Session 6: IBBC Biomass Conversion Pathways</b> <b>Session Chair: <i>Jean-Pierre Bousquet, Valmet USA, Inc.</i></b>
	Imperata cylindrica; A New Bioethanol Potential with Hydrolysis of $\beta$ -1,4 Glycosidic Binding and Fractional Distillation As A Futuristic Green Energy - <i>Hendy Taufik, Padjadjaran University, Ai Samrotul Hasanah, IPB University</i>  Green Milling of Biomass and its Effect on Conversion Process Green Milling of Biomass and its Effect on Conversion Process - <i>Atanu Kumar Das, Swedish University of Agricultural Sciences</i>  Understanding the Effect of Kraft Pulping Process upon Lignin Precipitation and Lignin Properties - <i>Jardim, Juliana Marangon, North Carolina State University</i>
<b>10:00AM – 10:30AM</b>	<b>Coffee Break</b>
<b>10:30AM – 12:00PM</b>	<b>IBBC Session 7: IBBC Supporting the Sustainable Bioeconomy</b> <b>Session Chair: <i>Jayashankar Tumuluru, Idaho National Laboratory (INL)</i></b>

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	<p>Sustainable, Renewable Biowax Alternatives for Paraffin - <i>David Grillo, Chemol</i></p> <p>Market Manager for Green Industries - <i>John Barber, Clestral</i></p> <p>TBA - <i>Sudhagar Mani, University of Georgia</i></p>
<b>12:00PM – 1:00PM</b>	<b>2021 PEERS Conference Wrap up Meeting*</b>
<b>12:00PM</b>	<b>PEERS &amp; IBBC Concludes</b>
<b>1:00PM – 4:00PM</b>	<b>Tour of Robert C. Williams Museum of Papermaking</b>

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