



# CALL FOR PRESENTATIONS

IBBC focuses on new technologies using renewable materials from biomass to produce chemicals, polymers and fuels to support the growing bioeconomy through sustainable biorefinery.

The conference organizers invite you to [submit your abstract](#) on one of the topics below, but other topics will also be considered. Visit [www.tappi-ibbc.org](http://www.tappi-ibbc.org) to learn more about the conference and attendees.

Please note: *Since IBBC will run concurrent with PEERS we will accept PowerPoint Presentations with or without papers*

INNOVATIVE BIOPRODUCTS AND BIOPOLYMERS FROM BIOMASS	
<p><b>Lignin Recovery and New Products</b></p> <ul style="list-style-type: none"> <li>Recovering lignin at the mill</li> <li>Characterization and properties of lignin and its derivatives</li> <li>Lignin in new platform and replacement chemicals - adhesives, foams, coatings, fillers, etc.</li> <li>Market usage, assessment and competitive positioning of bioproducts</li> </ul>	<p><b>Bio-based Polymers, Chemicals and Products</b></p> <ul style="list-style-type: none"> <li>Biodegradable polymers synthesis and production</li> <li>Material properties and characterization of bio-based polymers for packaging applications</li> <li>Cellulose derived polymers, chemicals and bioproducts</li> <li>Hemicellulose –derived hydrogels, chemicals and products</li> <li>Nanocellulose based hydrogels, polymer composites and derivatives</li> <li>Large scale studies of bioproduct production</li> </ul>
BIOMASS CONVERSION PATHWAYS	
<p><b>Innovative Technologies to Transform Biomass</b></p> <ul style="list-style-type: none"> <li>Feedstock Preprocessing and Pretreatments – Characterization, preprocessing, fractionation, pretreatments, developments in biomass recalcitrance interfacing with conversion technologies.</li> <li>Thermochemical Conversion Technologies – gasification, pyrolysis, and hydrothermal liquefaction</li> <li>Biochemical Conversion Technologies – developments in enzyme science, innovative yeasts, fractionation strategies, microorganisms</li> <li>Hybrid Conversion Technologies – chemical and catalytic conversion</li> </ul>	
SUPPORTING THE SUSTAINABLE BIOECONOMY	
<p><b>Leveraging Pulp Mill Assets</b></p> <ul style="list-style-type: none"> <li>Technical and economic issues integrating technology into pulp mills</li> <li>Process integration and economics of various forest biorefinery pathways</li> <li>Biorefinery Projects - Status updates, project deployment issues, project case studies</li> <li>Project Financing - Techno-economic analysis, &amp; risk assessments</li> </ul>	<p><b>Biomass Utilization and Sustainability Assessments</b></p> <ul style="list-style-type: none"> <li>Supply &amp; Demand - Supply availability assessments/ sustainability, energy crop development</li> <li>Biomass carbon storage and sequestration assessments</li> <li>Harvesting – Thinning and forest residuals, development of specialized harvesting equipment</li> <li>Alternate feedstock options – forest residue, sludge, black liquor</li> <li>Economic and environmental life cycle analysis of biomass and its derived products, chemicals and fuels</li> </ul>

# IBBC CONFERENCE HIGHLIGHTS

## STUDENT POSTER SESSION AND COMPETITION

### Opportunities for All Students!

Gain valuable industry input on your work, plus a chance to win some cash. This is a great opportunity to get industry input on student projects, as well as to gain exposure for students and programs conducting research in bioenergy and bioproducts. See the separate [Call for Student Posters](#). Abstracts are due **March 27, 2020**.

## RAPID FIRE SHOWCASE

### Rapid Fire Showcase

This year during the IBBC Conference there will be a Rapid Fire Showcase where presenters get 5 minutes to present 5 slides summarizing the research that they are working on. Conference attendees interested in subjects presented during the rapid-fire oral session can then visit the accompanying poster and have a more in-depth discussion during the student poster session and competition. This format offers greater exposure to presenters, as well as gives attendees a snapshot into the wide variety of research being conducted in the biorefinery arena.

**IBBC accepts PowerPoint Presentations with or without papers.** Authors interested in presenting should upload their abstract to TAPPI's [Speaker Management System](#), by **March 27, 2020**. Abstracts should be 1-2 paragraphs in length. Presenters will be notified of acceptance by April 29, 2020 and must provide a first draft of their presentation by September 7, 2020.

**Interested in chairing a session?** This is a great opportunity to network and get involved! Contact Lisa Stephens if you are interested in chairing a session at [lstephens@tappi.org](mailto:lstephens@tappi.org) or call directly at 770-209-7313.

## Co-located and Concurrent with PEERS



IBBC is once again co-located and now fully concurrent with TAPPI's PEERS Conference as well as the 12<sup>th</sup> Research Forum on Recycling. The PEERS conference offers an opportunity to provide a more in-depth knowledge by inclusion of a paper along with a presentation on your technology. PEERS addresses topics in pulping, engineering, energy, recycling and sustainability. Technical sessions, tutorials, round tables, new technology sessions and workshops address all the major process areas in pulp mills:

- Pulping & Bleaching
- Corrosion & Materials
- Nonwood Fibers
- Career Development
- Environmental & Sustainability
- Engineering, Power & Recovery, Recast & Lime Kiln
- Recycling

For more information, visit [www.tappipeers.org](http://www.tappipeers.org)

For more information on the event, submitting an abstract, or chairing a session, please contact: Lisa Stephens, TAPPI Account Manager, at [lstephens@tappi.org](mailto:lstephens@tappi.org) or call directly at 770-209-7313.