



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 to learn more about the conference and attendees.

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

IBBC CONFERENCE HIGHLIGHTS

STUDENT POSTER SESSION AND COMPETITION (Co-Sponsored with PEERS)

Opportunities for All Students!

Are you a student or graduate student 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? 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 fields related to pulp & paper, bioenergy, and bioproducts. See the separate [Call for Student Posters](#). Abstracts are due **August 21, 2023** and should be submitted directly to pstiede@tappi.org

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 17, 2023**. Abstracts should be 1-2 paragraphs in length. Presenters will be notified of acceptance by **April 21, 2023** and must provide a first draft of their presentation by **September 13, 2023**. Final Presentations are due **September 30, 2023**.

Interested in chairing a session? This is a great opportunity to network and get involved! Contact TAPPI Account Manager Emma Ragauskas if you are interested in chairing a session at eragauskas@tappi.org or call directly at 770-209-7228.

Co-located and Concurrent with PEERS



IBBC is co-located and now fully concurrent with TAPPI's PEERS Conference offering an additional opportunity for knowledge sharing. PEERS addresses topics in pulping, engineering, energy, recycling and sustainability. Technical sessions, tutorials, round tables, new technology sessions and workshops address all 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 on the event, submitting an abstract, or chairing a session, please contact: Emma Ragauskas @ eragauskas@tappi.org, call directly at 770-209-7228, or visit www.tappipeers.org for more information.