

IBBC 2018

International Bioenergy & Bioproducts Conference

October 28-31, 2018 • Portland, OR

IBBC focuses on new technologies using renewable materials from biomass to produce chemicals, products 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. Please note: Since **IBBC will run concurrent with PEERS we will accept PowerPoint Presentations with or without papers.**

INNOVATIVE BIOPRODUCTS FROM WOOD	
<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 	<p>SUGARS – Extraction and Products</p> <ul style="list-style-type: none"> Cellulose-derived platform chemicals and products Hemicellulose –derived chemicals and products Large scale studies of bioproduct production <p>DENSIFIED SOLID FUELS – Production and Markets</p> <ul style="list-style-type: none"> Production – White pellets, black pellets, torrefaction technologies Future growth projections, impacts on wood fiber supply chains
BIOMASS CONVERSION PATHWAYS	
<p>Innovative Technologies to Transform Biomass</p> <ul style="list-style-type: none"> Thermochemical Conversion Technologies – gasification and hydrothermal liquefaction Biochemical Conversion Technologies – developments in enzyme science, innovative yeasts, fractionation strategies, microorganisms Hybrid Conversion Technologies – pyrolysis and catalytic conversion Pretreatments and Feedstock – Characterization, pretreatments, properties of biomass materials, developments in biomass recalcitrance interfacing with conversion technologies 	
SUPPORTING THE 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 Project Financing - Techno-economic analysis, risk assessments & life cycle analysis. 	<p>Biomass Utilization and Feedstock Assessments</p> <ul style="list-style-type: none"> Supply & Demand – Supply availability assessments/sustainability, energy crop development Developments in biomass crops, harvesting and storage Harvesting – Thinnings and forest residuals, development of specialized harvesting equipment Alternate feedstock options – forest residue, sludge, black liquor Bioproducts from renewable resources

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 23, 2018**.

Rapid Fire Poster 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 23, 2018**. Abstracts should be 1-2 paragraphs in length. Presenters will be notified of acceptance by April 20, 2018 and must provide a first draft of their presentation by September 8, 2018.

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 or call directly at 770-209-7313.

CO-LOCATED AND CONCURRENT WITH PEERS

Maximize Your Knowledge and Networking!

IBBC is once again co-located and now fully concurrent with TAPPI's **PEERS Conference**. 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
- Non-wood Fibers
- Recovery Boilers
- Steam and Power
- Environmental Regulation & Sustainability
- Brown Stock Washing
- Mill Reliability
- Lime Kiln/Caustic Plant
- Recycling



For more information, visit
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 or call directly at 770-209-7313.