

# IBBC 2018


International  
Bioenergy &  
Bioproducts  
Conference

**October 28-31, 2018 • Portland, OR**

## CONFERENCE PROGRAM

(Subject to Change)

As of 07-11-18

<b>Monday, October 29, 2018</b>	
<b>8:30AM – 10:00AM</b>	<b>Session 1: Opening Session &amp; Keynote ✓</b> Session Chair: <b>John Carpenter, President, Nippon Dynawave Packaging</b>
<b>10:00AM – 10:30AM</b>	<b>Break</b>
	<b>Session 10: Nonwood</b> Session Chair:
	Pulping and Bleaching of Wheat Straw and Oat Straw - <i>Robert (Bob) Hurter, HurterConsult, Inc.</i>
	TBA, <i>Sabrina Burkhardt, Sustainable Fiber Technologies</i>
	TBA, <i>Mark Lewis, Sustainable Fiber Technologies</i>
	Pulping or NonWood Panel Discussion
<b>5:00PM-6:30PM</b>	<b>Reception</b>
<b>7:00PM-9:00PM</b>	<b>PEERS Conference Networking Dinner**</b> Sponsored by: 
<b>Tuesday, October 30, 2018</b>	
<b>6:45AM - 8:30AM</b>	<b>Hot Topic Breakfast</b>
<b>7:00AM – 8:00AM</b>	<b>Paper Chase</b>
<b>7:00AM – 8:15AM</b>	<b>Speaker Breakfast</b>
<b>8:30AM – 10:00AM</b>	<b>Session 1: IBBC Keynote</b> Session Chair: <b>R. Daniel Haynes, AkzoNobel Specialty Chemicals</b>

\*Members Only

\*\* Additional registration fee required

<b>10:00AM – 10:30AM</b>	Break
<b>10:30AM – 12:30PM</b>	<b>Session 2: Thermoconversion</b> <b>Session Chair: Sudhagar Mani, University of Georgia</b>
	Torrefied Biomass-Technology Status, Supply chain Evaluation and Comparison - <i>Michael Wild, International Biomass Torrefaction Council</i>  Licensing Torrefaction and Densification Technologies - <i>Hiroshi Morihara, HM3 Energy</i>
<b>12:00PM – 1:00PM</b>	<b>Biorefinery Committee</b>
<b>12:00PM – 1:30PM</b>	Lunch
<b>1:30PM - 3:00PM</b>	<b>IBBC Session 3: Biorefinery Infrastructure</b> <b>Session Chair: Scott Curry, CQ Strategy Ltd.</b>
	Failure Analysis of Wood Gasifier Vessels - <i>James Keiser, Oak Ridge National Laboratory</i>  TBA – <i>Jean-Pierre Bousquet, Valmet</i>  Techno-Economic Assessment of Pulp Mill Infrastructure Integration with the Alcohol-to-Jet Pathway for Aviation Fuel Production - <i>Scott Geleynse, Washington State University</i>
<b>3:00PM – 3:30PM</b>	Break
<b>3:30PM – 5:00PM</b>	<b>IBBC Session 4: Rapid Fire Showcase</b> <b>Session Chair: J. P. Bousquet, Valmet</b>
<b>5:00PM - 6:30PM</b>	Reception & IBBC Poster Session
<b>6:30PM -7:30PM</b>	Young Professionals Mixer
<b>7:00PM – 9:00PM</b>	IBBC Conference Dinner
<b>Wednesday, October 31, 2018</b>	
<b>6:45AM - 8:30AM</b>	<b>Hot Topic Breakfast</b>
<b>7:00AM – 8:15AM</b>	<b>Speaker Breakfast</b>
<b>8:30AM – 10:00AM</b>	<b>IBBC Session 5: Lignin to Whatever</b> <b>Session Chair: Peter Axegård, C-Green Technology AB</b>
	Unlocking the Potential of Industrial Grade Lignin for Enhancing Sustainability and Performance of the Polyurethane Insulation Foam – <i>Pratheep Kumar Annamalai, The University of Queensland</i>  Fractionation of Lignin Recovered from Hot-Water Extracts of Angiosperms and its Applications in Synthesis of Lignin-Based Products – <i>Aditi Nagardeolekar, SUNY-ESF</i>  Selecting Solvents for Lignin Value Prior to Pulping - <i>Thomas T. Kwok, Georgia Institute of Technology</i>

\*Members Only

\*\* Additional registration fee required

<b>10:00AM – 10:30AM</b>	<b>Break</b>
<b>10:30AM – 12:00PM</b>	<b>IBBC Session 6: Value Added Products Part I</b> <b>Session Chair: Adriaan van Heiningen, University of Maine</b>
	Turning Bio-Sludge into Bio-Carbon Through Zero-Energy Hydrothermal Carbonization - <i>Peter Axegård, C-Green Technology AB</i>  Alternative Pulping Process for Paper and High Value-Added Biochemical Production - <i>Ali Manesh, American Science &amp; Technology Co.</i>  Mechanical Pulp with Added Value Products and Lower COD - <i>Oleg Shagaev, Andritz AG</i>
<b>12:00PM – 1:30PM</b>	<b>Lunch</b>
<b>1:30PM – 3:00PM</b>	<b>IBBC Session 7: Value Added Products Part 2</b> <b>Session Chair: J. P. Bousquet, Valmet</b>
	Electrochemical Salt Split for Mill Sodium Sulfur Balance Control – <i>Kalle Pelin, AkzoNobel Pulp and Performance Chemicals</i>  Imagine Chemistry-An Open Innovation Approach to Sustainability Across the Manufacturing Process - <i>Danny Haynes, AkzoNobel Specialty Chemicals</i>  Production of Sulfuric Acid from the Incineration of Pulp Mill Non-Condensable Gases-A biorefinery Concept - <i>Naveen Chenna, Valmet Technologies, OY</i>
<b>3:00PM – 3:30PM</b>	<b>Break</b>
<b>3:30PM – 5:00PM</b>	<b>IBBC Session 8: NanoTechnology</b> <b>Session Chair: R. Daniel Haynes, AkzoNobel Specialty Chemicals</b>
	Transparent and Homogenous Cellulose Nanocrystal-Lignin UV Protection Films - <i>Mahesh Parit, Auburn University</i>  Effects of Fiber Morphological Characteristics on Selected Properties of Fiberboard - <i>Babak Mirzaei, Collins Company</i>  Towards Standardization of Laboratory Preparation Procedure for Uniform Cellulose Nanopapers - <i>Mahesh Parit, Auburn University</i>
<b>5:00</b>	<b>IBBC Concludes</b>

\*Members Only

\*\* Additional registration fee required