

IBBC 2013

International
Bioenergy &
Bioproducts
Conference

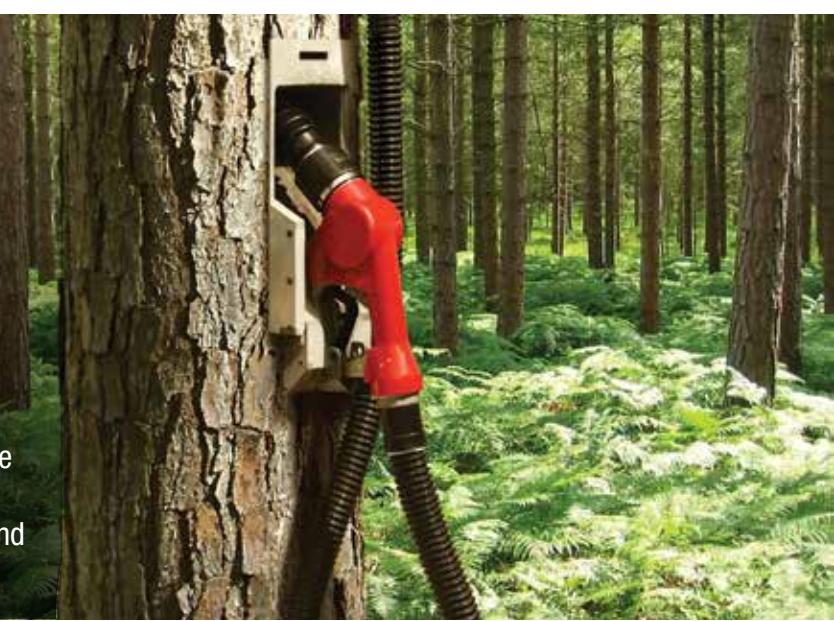
September 18-20 • Green Bay, Wisconsin

A Fresh Look at Biomass Utilization



The only event dedicated to advancing biorefineries in the forest products industry

International Bioenergy and Bioproducts Conference is the only event dedicated to advancing biorefineries in the forest products industry, this three-day, highly focused conference offers you a deeper analysis of technology and economics in commercializing biofineries.



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Why Attend IBBC?

Benefit and learn through technical presentations, case studies, networking and reports from projects that address:

- Feedstock and harvesting improvements to increase yield and quality of biomass
- Bioconversion technologies for wood and biomass
- Production of chemicals and transportation fuels from wood and biomass
- Commercial bioenergy projects utilizing woody biomass
- Tools for evaluating bioenergy projects

Who Should Attend?

IBBC is designed for technology developers, industry experts, government representatives and other stakeholders that will benefit from hearing success stories, experiences and new advances in biomass utilization for energy production and products.

IBBC will be attended by:

- Pulp Mill / Pulping Personnel
- Woodyard Managers / Fiber and Fiber Supply Sourcing Managers
- Technical Directors
- Power Plant/ Power Engineers
- Mill Managers
- Environmental Engineers
- Process Engineers
- R&D Engineers and Directors
- Sustainability Officer

IBBC's Technical Sessions are organized into a series of sessions focusing on:

- Biomass Supply & Demand
- Biochemical Conversion
- Thermochemical Conversion
- Conversion Pathways
- Modeling

Co-Location with



This year IBBC will be co-located with both the TAPPI PEERS Conference and the 10th Research Forum on Recycling, creating a full week of valuable education and learning on topics that apply directly to your job. Make the most of your experience by attending both conferences to enhance your knowledge, gain valuable insights for your company, and network with individuals who share your same day-to-day issues. Visit tappipeers.org for more information

Keynote Presentation 8:00am, Friday, September 20

NARA: Public Private Partnerships to Advance the Forest Products Industry



Linda A. Beltz, Ph.D., NPD
Director, Technology Partnerships,
Weyerhaeuser

The Northwest Advanced Renewables Alliance (NARA) consortium was launched to develop a new, viable, aviation fuel industry based on using harvest residuals. In 2011, Weyerhaeuser announced their engagement with NARA as a subcontractor to support investigations into feedstock development, including sustainable production, cost-effective use of under-utilized harvest material, and conversion of lignin into value-added products. Weyerhaeuser also contributes to NARA in team leadership and development of Phase and Gate processes. NARA is an example of a strong collaboration between public and private institutions driving toward an aggressive goal to provide renewable jet fuel and co-products from forest-based feedstocks.





Program Highlights:

Conference Schedule

(Subject To Change)

Pulp and Paper and Biorefineries – Opportunity or Threat?

9:00am, Friday, September 20

Theodora Retsina, President, American Process

The origins of the biorefinery industry can be easily traced back to the pulp and paper industry. For more than a century, it has been splitting biomass into its different components, producing value-added materials and chemicals at large scale. The industry has used various biomasses from woody species to agricultural residues such as straw and hemp. It follows that all currently existing and proposed biorefineries, derive in some manner from the configuration and unit operations of the pulp and paper industry. It would be logical, therefore, that the Pulp and Paper industry should have been the natural host and champion of the second generation of biorefineries. Why has this not happened? Is this an opportunity or a threat for the existing pulp mills? What might tip the balance in favor of more tangible and substantial links between these two essential industries?

Trade Fair

This large exhibit area is a great place to network and learn more about the latest in products and services available to the marketplace. Since IBBC is being co-located with the TAPPI PEERS Conference, you'll benefit by seeing more companies and expanding your knowledge base of solutions.

IBBC Gala Dinner

6:30pm, Thursday, September 19

Join your fellow IBBC participants for great conversation, food and networking at this special event conveniently located at the hotel. This is a great opportunity to mix and mingle in a more relaxed setting, focusing on good conversation, and meet industry professionals from a wide range of backgrounds. Dinner is \$48, must register to attend; cash bar will be available.

2013 TAPPI Biorefinery Course

Friday through Sunday, September 20-22

**Course Chair: Paul Stuart, Consultant and Professor,
Ecole Polytechnique**

The TAPPI Biorefinery Course, offered following IBBC, will provide the knowledge and tools for forest will provide the knowledge and tools for forest industry leaders, technology providers and consultants to develop biorefinery strategies and better understand emerging biorefinery technologies and their design/implementation in a business strategy. Separate fee and registration required.

Wednesday, September 18

| | |
|-------------------|---|
| 8:30am – 10:00am | PEERS Bridge Sessions: Managing Lignin in the Biorefinery |
| 10:30am – 12:00pm | PEERS Bridge Session: Nonwood Processing |
| 1:30pm – 3:00pm | International Bioenergy and Bioproducts Conference Opening Session |
| 3:00pm – 3:30pm | Break in TAPPI Central/Exhibit Area |
| 3:30pm – 5:00pm | IBBC Sessions |
| 5:00pm - 5:30pm | Biorefinery Committee Meeting |
| 5:00pm – 6:30pm | Reception in TAPPI Central/Exhibit Area |

Thursday, September 19

| | |
|-------------------|--|
| 7:00am – 7:00pm | Registration Open |
| 8:00am – 10:00am | IBBC Sessions |
| 10:00am – 10:30am | Coffee Break in TAPPI Central/Exhibit Area |
| 10:30am – 12:30pm | IBBC Sessions |
| 12:00pm – 1:30pm | Hosted Lunch in TAPPI Central/Exhibit Area |
| 1:30pm – 3:00pm | IBBC Sessions |
| 3:00pm – 3:30pm | Break in TAPPI Central/Exhibit Area |
| 3:30pm – 5:00pm | IBBC Sessions |
| 5:00pm – 5:30pm | Biorefinery Subcommittees Meetings: Biomass Supply, Demand & Handling Subcommittee |
| | Thermochemical/Chemical Catalytic Conversion Subcommittee |
| | Biochemical/Yeast & Microorganisms Subcommittee |
| | Bioenergy Policy & Incentives Subcommittee |
| 5:00pm – 6:30pm | Reception in TAPPI Central/Exhibit Area |
| 6:30pm – 9:00pm | IBBC Gala Dinner* |

Friday, September 20

| | |
|-------------------|--|
| 7:00am – 11:00am | Registration Open |
| 8:00am – 9:30am | IBBC Sessions |
| 9:30am – 10:00am | Coffee Break in TAPPI Central/Exhibit Area |
| 10:00am – 11:30am | IBBC Sessions |
| 12:00pm – 6:00pm | 2013 TAPPI Biorefinery Course (through Sept. 22nd)* |

***Separate Registration Required**

Learn more at www.etouches.com/ehome/54602/114578/

PEERS Biorefinery Bridge Sessions

Wednesday, September 18

Please note that as a IBBC Attendee, you may attend the Biorefinery Track "Bridge" Sessions that are part of the PEERS Conference on the morning of Wednesday, September 18.

8:30am – 10:00am

Nonwood Processing

Session Chair: Bob Hurter, HurterConsult Inc.

"Co-cooking MOSO Bamboo with Hardwoods"

Troy Runge, University of Wisconsin Madison

Jackie Heinrichter, Dan Meier Booshoot

"Corn Residues Products"

Sylvain Duquette, Innofibre

"Co-cooking Non-Woods with Hardwoods"

Troy Runge, University of Wisconsin Madison

Chunhui Zhang, South China University of Technology

10:30am – 12:00pm

Managing Lignin in the Biorefinery

Session Chair: Proserfina D. Bennett, University of Maine

"Pre-hydrolysis Kraft for Dissolving pulp and hemicellulose sugars Production without formation of "sticky lignin: precipitates during prehydrolysis"

Adriaam Van Heiningen, University of Maine

"Production of a pure lignin product part 1: Distribution and removal of inorganics in Eucalyptus Globulus Kraft Lignin"

Rufus Ziesig, Innventia

IBBC Technical Program

1:30pm – 3:00pm

Welcome, Opening Remarks

John Cowie, Cowie & Company, Biorefinery Committee Chairman

Session 1: Biomass Supply & Demand

Session Chair: Bob Hurter, HurterConsult

"Biomass Supply Assessment"

Troy Runge, University of Wisconsin Madison

This paper will be of interest to individuals looking to start bioenergy projects with methodologies to assess supply quantities and qualities. Additionally, this paper will be of interest to wood buyers and pulp producers that face increased competition of wood supplies from bioenergy projects. Finally, the methodology used can help policy makers make informed decisions on the impacts of bioenergy projects.

"Upgrading Forest Residues of Douglas-fir through Physical Fractionation for Fermentable Sugar Production"

Junyong Zhu, US Forest Products Laboratory

Upgrading residue has significant importance to improve biomass quality and reduce transportation and processing dead load.

"Poplar Biomass Supply"

Ronald Zalesny, US Forest Service

Our presentation is important because we will be providing valuable information regarding the productivity of poplar at a greater precision than what has been reported previously - which is important for industry, academic, and research professionals interested in growing these crops for multiple societal benefits. In addition, we think our biomass supply potential (based off of the productivity estimates) is a useful benchmark for how wood supply from these crops compare to that of "natural" forests in the region. Specifically for the TAPPI group, we also feel it is important to address key traits affecting the productivity and supply. Lastly, ecosystem services are vital for all of us, and the carbon component of the presentation is an interesting snapshot of the ecological benefit of these trees.

3:30pm – 5:00pm

Session 2: Biochemical Conversion I

Session Chair: Junyong Zhu, US Forest Products Laboratory

"Two-Stage Fractionation"

Adriaan Van Heiningen, University of Maine

This is the first time that it is reported that a simple water pre-extraction does not result in the formation of "sticky" lignin precipitates. These troublesome deposits have so far prevented commercial use of hydrolysates for fuels and chemical production.

"Fractionation and Recovery"

David Hodge, Michigan State University

Understanding the behavior of plant cell wall biopolymers during alkaline biorefining processes and how their properties are affected by the biorefining processing conditions is important in order to maximize value from a process.

"Sludge to Bio-Sugars"

R. Daniel Haynes, AkzoNobel

The pulp and paper industry works with a great raw material source for bioproducts, but there are issues with pretreatment cost and the impact on production. Why not take the waste fiber stream in sludge and convert it into bio-sugars/products? This paper looks at some ways that this could be done.

Thursday, September 19

8:00am – 10:00am

Session 3: Biochemical Conversion II

Session Chair John Cowie, Cowie & Company

"Furfural from DDG"

Troy Runge, University of Wisconsin Madison

Attendees will learn about a new value added green chemical that can be produced from a low value residual material. Furfural and furfuryl alcohol both have a sizeable market and can be considered platform chemicals that can be used to create a multitude of products including fuels.



“Converting forest residue to biofuel by the SPORL process”

Junyong Zhu, US Forest Products Laboratory

The SPORL process is developed from sulfite pulping, commercially scalable and compatible with pulping technologies. Forest residues are the most viable feedstock for biofuel production, but very difficult to be biochemically converted to biofuel through the sugar platform.

“Study of the Suitability of Yeast (*Saccharomyces cerevisiae*) for sweet sorghum juice fermentation to ethanol”

Ratnavathi Venkata Chamarthy, Sorghum Research

The presentation is on the selection of suitable yeast strain for the optimal production of ethanol production. Along with the sugar concentration in the juice of sweet sorghum stem for ethanol production, yeast also plays a vital role in fermenting the sugars for ethanol production. The sugar tolerance and alcohol tolerance for the microbe selected also is important. Out of the ten strains isolated five strains were found suitable. These five strains were tested in various sweet sorghum genotypes and two strains were found suitable for optimal ethanol production, sugar and alcohol tolerance.

“Manure Fiber to Ethanol”

Sasikumar Elumalai, University of Wisconsin

This project represents a farm scale demonstration project that is able to process manure into several feedstocks including fertilizer, bedding, a protein-rich fraction, and an cellulose-rich fraction that can be converted into ethanol. This technology represents both a means to improve the economics of the farm and ecological services through both the creation of a biofuel and improved nutrient management and reduced eutrophification.

10:30am – 12:30pm

Session 4: Thermochemical Conversion

Session Chair: Chris Dietel, DTE Energy Services

“Lessons Learned from the Operation of a Torrefaction

Technology Demonstration Plant”

Brian F. Greenwood, Andritz Inc.

“Torrefied Wood in Kilns”

Peter Gorog, Houghton Cascade

This paper describes a range of computational modeling tools that can be used to estimate the impacts of fuel type on lime production. Data taken from operating kilns is presented which validates the use of these models. The results from a simple financial analysis are presented showing the economics around using a small-scale torrefaction plant to produce fuel for kilns used to regenerate lime in the Kraft pulping process.

“Microwave Assisted Fast Catalytic Pyrolysis and Gasification of Solid Wastes”

Roger Ruan, University of Minnesota

There will be a general overview of various thermochemical conversion technologies, and a comparison to show why the fast microwave assisted catalytic pyrolysis and gasification is probably the most cost effective and efficient technology for various solid wastes.

“Advances in IH2 Process”

Mike Demaline, CRI Catalyst Company

Persons and companies interested in producing liquid hydrocarbon transportation fuel from biomass should attend this presentation. Attendees will learn the latest information about a novel, cost effective process to convert a wide range of biomass, including woody biomass, into high quality gasoline, jet and diesel fuels.

1:30pm – 3:00pm

Session 5: Conversion Pathways I

Session Chair: Steve Betzler, Minnesota Power Company

“The Investments in Forest Industry Transformation Program-The Canadian Forests Sector’s Bioeconomy Advantage”

Amanda Dacyk, Canadian Forest Service, National Resources Canada

Throughout this event, you’ll hear examples of promising technological breakthroughs with the potential to advance the bioeconomy and open up valuable new markets. Technology however, is only part of the story. Curious to learn how these technologies are being commercialized? Want to see examples of real-world companies turning bioenergy and bioproduct ideas into new revenue streams? Unsure about how governments can effectively support the growth of the bioeconomy? Attend the Investments in Forest Industry Transformation presentation to hear how the Canadian government is helping forest companies become bioeconomy leaders through a targeted innovation-focused initiative.

“An Overview of the Biorefinery Program at FPInnovations”

Douglas Slingbell, FPInnovations

“Aromatic Bioproducts”

Andrew Held, Virent

Our technology and approach are very attractive to the world’s leading brands as they develop and achieve their market growth goals for renewable bioproducts. The listener will understand our commercial vision and technical progress that combine to attract and secure the needed key strategic supply-chain partners to commercialize this disruptive technology.

3:30pm – 5:00pm

Session 6: Conversion Pathways II

Session Chair: Matt Worley, Harris Group Inc.

“BALIT™ Commercialization”

Jerry Gargulak, Borregaard LignoTech

Individuals with a practical interest in cellulosic sugar production for biofuels or biochemicals would be interested in this talk. The take-away will be an understanding of the process and economics from a biomass fractionation process when the lignin fraction is used as a commercial product rather than a low-value fuel. The attendee will also have a much better understanding of Borregaard’s specialization strategy that leads to value-added products from wood.

“Waste to Advanced Biofuel”

Mark Dietzen, INEOS Bio

Few advanced biofuel producers have succeeded in demonstrating their new biomass conversion technologies at commercial scale. Attendees will benefit from learning about this first of a kind commercial bioenergy plant, the steps in the development of the project, and how to build value adding facilities or stand alone bioenergy plants under license from INEOS Bio.

"Bioslurry Combustion"

Rufus Ziesig, Innventia

This presentation will review laboratory and pilot scale experiences from preparation and combustion of lignin-biooil slurries. As lignin this year is made available via the LignoBoost process this presentation will attract persons interested in using lignin as a replacer for liquid fossil fuels. The methods and techniques used in this study will interest those who are willing to reduced fuel costs and increase the share of biofuel in their facility.

Friday, September 20

8:00am – 9:30am

Session 7: Keynote Speaker & Conversion Technologies

Session Chair: John Cowie, Cowie & Company

Keynote Speaker

Linda Beltz, Director, Technology Partnerships, Weyerhaeuser

"Pulp and Paper and Biorefineries – Opportunity or Threat?"

Theodora Retsina, President, American Process

10:00am – 11:30am

Session 8: Modeling

Session Chair: Bob Hurter, Hurter Consult

"Business Modeling for the Forest Biorefinery"

Virginie Chambost, EnVertis Consulting

Based on case studies, this presentation offers a new perspective on how to design the biorefinery from a product portfolio and business/market perspective. The presentation gives an overview of key elements/tools to consider/use when identifying, assessing and implementing biorefinery strategy. The audience will be able to take away key messages to be incorporated into their existing strategic planning, reinforcing their approach to the biorefinery. Concrete examples will help demonstrate the necessity of considering product portfolio and value chain assessment as driver for identifying and assessing biorefinery opportunities.

"Biorefinery Strategy Decision-Making Under Uncertainty"

Shabnam Sanaei, Ecole Polytechnique de Montreal

Biorefinery strategies imply different levels of risk which should be addressed in any strategic decision making. This presentation illustrates a method to evaluate sustainability criteria under uncertainty and then aggregating these conflicting criteria into a unique score by which promising biorefinery strategies, even under uncertain conditions, can be identified. In this method, not only sources of uncertainty but also risk attitude of decision makers have been quantified and taken into account in decision making.

"A Priceless Discussion – Pulp Waste to Value"

Anthony Schamel, Resource Harvesters

This technical presentation will inform the attendee of regulatory categories related to sustainability and biomass production. Included in this 20 minute presentation will be the meaning of carbon credits, related to carbon footprints, plus innovations that eliminate disposal costs by a method that creates biomass. Federal and state incentives that encourage biomass utilization and promote reduction of GHG's, are explained and specific forms and methods and addresses are provided. The attendee who pays attention at this lecture will have gathered significant help in setting his company on the path to improvement in sustainability and energy profits.

Come a few days early and enjoy all that the PEERS Conference and the 10th Research Forum on Recycling have to offer!

The TAPPI PEERS Conference will feature three days of peer-reviewed technical presentations focusing on a range of topics. The program is organized into eight technical tracks comprising more than 35 technical sessions: Pulping and Bleaching; Biorefinery; Nonwoods; Energy, Power and Recovery; Environment; Recycling; Sustainability and Business; and OpEx Maintenance and Reliability. In addition, the 10th Research Forum on Recycling, open to all IBBC and PEERS Attendees interested in recycling technology, offers sessions on applying new research within the mill and covers a range of topics including deinking, process improvement, tack control, microstickies measurement and control, water loop management, test methods, and containment removal.

SPOUSE/GUEST PROGRAM

Sunday, September 15 through Wednesday, September 18, PEERS Conference and RFR spouses and guests can enjoy special programs, see sights in Green Bay, participate in a tour of scenic Door County, renew acquaintances and make new friends. See the TAPPI PEERS Website for details. Additional fees required based on level of participation.

30TH ANNUAL PAPERCHASE FUN RUN/WALK

Attention all runners and walkers! Once again this year the PaperChase Prediction Run will take place at the TAPPI PEERS conference on Tuesday, September 17, at 7:00 a.m. along the Fox River waterfront in beautiful Ashwaubomay Park. Transportation will be provided to and from the event. We will have great awards to those runners who most accurately predict their finishing times for the 1.5 mile walk or the 5K run (no watches or other time keeping devices allowed!). Proceeds from the 30th Annual PaperChase 5K Fun Run/Walk will be donated to the TAPPI Engineering Division Scholarship Funds. The fund awards scholarships to deserving college students in pulp and paper science and technology programs. The entry fee is a minimum tax deductible donation of \$30.00; Full-time students may register for \$15.00.

LAMBEAU FIELD RECEPTION

7:00pm – 9:00pm, Tuesday, September 17

During the PEERS Conference, enjoy an evening out with both new and old friends at the legendary home of the Green Bay Packers, Lambeau Field. One of the National Football League's most revered stadiums, Lambeau is hosting its 57th season of football. This year-round venue is enjoyed by football fans from around the world. In 2001, it underwent a dramatic facelift that added a host of new amenities and attractions. The conclusion of the redevelopment project was marked by a rededication game, Sept. 7, 2003, against longtime divisional rivals the Minnesota Vikings. Featuring the only true "retro" look in the entire league, the glorious tradition and history of the Packers is carried forward in the "like-new" Lambeau Field with its heart – the original seating bowl – saved. The same hallowed ground where Vince Lombardi coached and many of the NFL's greatest moments have transpired continues to exist, a canvas where current players paint their own memories. The reception will take place on the center balcony and will include the opportunity for a stadium tour. The reception fee is \$10. Stadium tours are available, first-come first-serve, for an additional fee.



Courses and Workshops

Make the most out of your time in Green Bay by attending one of these courses and workshops.
More details and registration fees for each can be found at tappipeers.org.

Process Control of Stickies Workshop

7:30am - 4:30pm, Sunday, September 15

Instructor: Dr. Mahendra Doshi, current TAPPI JOURNAL Editorial Board Member and Founding Editor of Progress in Paper Recycling

The international workshop is designed for engineers, scientists and technicians who want to get a handle on one of the difficult contaminants in paper recycling – stickies. The workshop will benefit anyone using recycled pulps, working in recycling mills, or affiliated with companies supplying equipment, chemicals and recovered papers to the recycling industry.

Fixed Equipment Maintenance

Optimization Systems Course (FEMOS)

8:00am-5:00pm, Sunday, September 15

Instructor: David C. Bennett, Senior Consultant, Corrosion Probe Inc.

Learn how to methodically manage maintenance of fixed equipment (pressure vessels, tanks, boilers, stacks, sewers and other critical piping, etc.) with a plant-wide engineering-based program similar to reliability-centered maintenance programs used to maintain rotating equipment produces substantial economic returns.

Bleach Plant Workshop

8:00am - 4:00pm, Sunday, September 15

Lead Instructor: Tom McDonough,
IPST Professor Emeritus and TAPPI Fellow

This one day pre-conference workshop will provide participants with a comprehensive understanding of modern pulp bleaching technology and is designed for bleach plant operators or engineers; paper company environmental engineers; and research, technical sales, and service personnel from paper companies, chemical suppliers or equipment suppliers. Participants this year will come away with a broad understanding of pulp bleaching technology and its implications for pulp properties and environmental management.

Kraft Pulp Mill Lime Recovery

Kiln Maintenance Workshop

9:00am - 3:30pm, Thursday, September 19

Instructors: Glenn Hanson and
John Ross, Industrial Kiln & Dryer Group

The Lime Recovery Kiln is an integral piece of equipment within the chemical recovery system. Proper maintenance and operation prevents the need for the costly and inefficient purchase of significant quantities of fresh lime and disposal of lime mud. Additionally, as the largest consumer of outside fossil fuels within the mill, kiln operational optimization, including maintenance tasks, is key to controlling fuel purchase expenses. This workshop will focus on ongoing and preventative maintenance techniques to allow for the continuous, reliable operation of a mill's lime kiln(s).

2013 TAPPI Biorefinery Course

**12:00pm - 6:00pm, Friday, September 20, 8:00am - 6:00pm,
Saturday, September 21 and Sunday, September 22**

Course Chair: Paul Stuart, Consultant and Professor,
Ecole Polytechnique

The TAPPI Biorefinery Course, offered following IBBC, will provide the knowledge and tools for forest will provide the knowledge and tools for forest industry leaders, technology providers and consultants to develop biorefinery strategies and better understand emerging biorefinery technologies and their design/implementation in a business strategy.

Registration

Two Ways to Register:

1. Online at <https://www.etouches.com/ehome/54602/114578/>
2. By phone: call 1.800.332.8686 (US), 1.800.446.9431 (Canada), or +1.770.446.1400 (Worldwide)

Registration Fees and Meals

Full IBBC Conference registration includes access to all IBBC functions and PEERS Bridge Sessions on Wednesday. Some meals are included in the cost of your registration, in addition the hotel and surrounding areas provide additional dining choices and great networking opportunities.

Hotel Information

IBBC, along with the 2013 TAPPI PEERS Conference and the 10th Research Forum on Recycling will take place at:

Hyatt on Main, Green Bay
333 Main Street
Green Bay, WI 54301

Reserve your discounted room through the IBBC Conference webpage, or by calling 888-421-1442

Discounted rooms are available at this special rate through Friday, August 23, 2013

- Double Queen Suites: \$130 for single or double occupancy
- King Suites: \$140 for single or double occupancy
- Executive Suites \$180 for single or double occupancy

TAPPI has negotiated these special hotel rates along with the perks listed below. You don't want to miss out on these; rooms outside our block may be much more expensive and will not include special offers. If you utilize a travel agent or company travel department, please let them know about the procedures.

Reserve your room through TAPPI and also receive:

- Complimentary breakfast to Hyatt hotel guests only; Attendees not staying at the Hyatt can purchase breakfast tickets for \$10/person.
- Complimentary high-speed wired and wireless internet access.
- Complimentary parking for Hyatt overnight guests.
- Complimentary airport transportation when arranged in advance with the Hyatt to and from Austin Straubel International Airport.

Car Rental

Avis offers special rates to IBBC participants. Call 1.800.831.8000 and refer to code AWD: #U226600.

Air Travelers, please note:

Due to the Green Bay Packers game on Sunday, September 15, securing a seat on a flight into Austin Straubel International Airport (GBR) located in Green Bay might be difficult. Consider flying into the nearby Outagamie County Regional Airport (ATW), in Appleton, WI, as an alternative. This airport is larger, offering more flights, and only about 35 miles from the Hyatt Hotel.

IBBC Bookstore

A special list of industry-related publications is available to IBBC 2013 attendees at a "conference only" discount. You can purchase these books when registering and pick them up at IBBC.

The Bleaching of Pulp, 5th Edition

Order Code: 0101R331

Special Conference Price: \$145

Fundamentals of the Kraft Recovery Process

Order Code: 0101R327

Special Conference Price: \$150

2012 PEERS Conference Proceedings

Order Code: PEERS-13

Special Conference Price: \$55

Integrated Biorefineries - Design, Analysis and Optimization

Order Code: 12INTBIO

Special Conference Price: \$115

Biomass Gasification and Pyrolysis

Order Code: 11PYROL

Special Conference Price: \$110

Int'l Bioenergy and Bioproducts Conference

Proceedings CD, 2012

Order Code: BIOCD12

Special Conference Price: \$55

Recycling Anthology CD

Order Code: PPRANTH-CD

Special Conference Price: \$90

An Anthology of Fiber Recycling From TAPPI Conferences (1997-2010) and the TAPPI Recycling Symposium (1993-2000)

Order Code: RECSYM-CD

Special Conference Price: \$110

Research Forum on Recycling Anthology CD

Order Code: RECFOR-CD

Special Conference Price: \$90