



# PANEL & ENGINEERED LUMBER INTERNATIONAL CONFERENCE & EXPO

## APRIL 7-8, 2016

Omni Hotel at CNN Center  
Atlanta, GA, USA

### THURSDAY APRIL 7

#### EXHIBITORS/ATTENDEES

##### BREAKFAST

7:15-8:15 a.m.

#### MORNING KEYNOTERS SESSION (ROOMS B-C)

8:30-8:35 a.m.

*Welcoming Remarks and Keynoters Introduction*

—Rich Donnell, Conference Co-Chairman; Editor-in-Chief, *Panel World* magazine

8:40-9:00 a.m.

*In Pursuit of Perfection: Building a New OSB Plant*

—Jonathan Martin, Chairman and CEO, Martin Companies, LLC

9:05-9:25 a.m.

*Why Build a Plywood Mill in 2016?*

—Steve Swanson, President and CEO, Swanson Group

9:30-9:50 a.m.

*Building From Disaster: Winston Veneer & Plywood*

—Kurt Liebich, CEO, RedBuilt and New Wood Resources

#### TIME OUT WITH EXHIBITORS

10:00-10:30 a.m.

#### CONCURRENT SESSIONS

(Rooms A-B-C)

#### PRODUCTION TECHNOLOGIES

(Room A)

10:35-10:55 a.m.

*Capitalizing on New Veneer Lathe and Dryer Technologies*

—Alan Knokey, Vice President, USNR

11:00-11:20 a.m.

*Log Lathe Systems: New Developments in Automatic Veneer Peeling Lines*

—Anna McCann, President, Merritt Machinery, LLC, Meinan Representative

11:25-11:45 a.m.

*Advances in Veneer Dryer Control*

—John Robinson, Principal; Roger Douglas, Director of Engineering, Drying Technology, Inc.

#### ADHESIVES ISSUES & PERFORMANCE

PART I

(Room B)

10:35-10:55 a.m.

*Traversing the Maze of Adhesive Standards and Regulations*

—Jim Griswold, New Business Development Manager, Hexion

11:00-11:20 a.m.

*Optimizing Resin, Wax and Release Agent Effectiveness with PanelSpray Technology*

—Brian Valley, Director of Industrial Solutions, Spraying Systems Co.

#### OPERATIONS PLANNING

(Room B)

11:30-11:50 p.m.

*Value Creation Through Engineering*

—Scott Stamey, Senior Project Manager, Mid-South Engineering

11:55-12:15 p.m.

*Emerging Trends in Technology Solutions for Improving Operational Performance*

—Bijan Shams, President, Co-gent Industrial Technologies

#### HEAT ENERGY & EMISSIONS ISSUES & TECHNOLOGIES

(Room C)

10:35-10:55 a.m.

*Air Quality Hot Topics Affecting Panel & Engineered Lumber Facilities*

—Wes Younger, Managing Consultant, Trinity Consultants

11:00-11:20 a.m.

*Impact of Wood Species, Moisture Variation and Drying Technology on Volatile Organic Compound Emissions from Rotary Dryers.*

—Tyler Player, Principal, Player Design, Inc.

11:25-11:45 a.m.

*Latest Energy Systems and Dryer Systems Concepts*

—Dirk Koltze, Executive Vice President, Büttner/Siempelkamp

#### INTERNATIONAL DEVELOPMENTS

(Birch Room—Atrium Terrace)

—Moderated by Dr. Fred Kurpiel, Principal, Georgia Research Institute

10:35-10:55 a.m.

*Engineered Wood Trends in Europe*

—Heikki Vidgren, Principal, Pöyry Management Consulting

10:55-11:15 a.m.

*Reinvention of the North American Plywood and Veneer-Based Industry*

—Dr. Richard Baldwin, Managing Partner, Oak Creek Investments

11:15-11:35 a.m.

*Engineered Strand Lumber—Challenges and Opportunities*

—Dr. W. Ernest Hsu, Principal, Hsu Consulting

11:35-11:55 a.m.

*New Trends in the Development of Wood and Natural Fiber Based Products*

—Dr.-Ing. Bohumil Kasal, Director, Fraunhofer Wilhelm-Klauditz-Institut, WKI

11:55-12:15 p.m.

*Status and Problems of the Lumber and Panel Products Industries of the Philippines*

—Romulo Aggangan, Director Forest Products Research and Development Institute (FPRDI), Department of Science and Technology, Philippines

#### EXHIBITORS/ATTENDEES

##### LUNCH

12:10-1:30 p.m.

#### AFTERNOON KEYNOTERS SESSION

(ROOMS B-C)

1:35-1:40 p.m.

*Remarks and Introductions*

—Dan Shell, Managing Editor, *Panel World*

1:45-2:05 p.m.

*Innovation as a Winning Strategy*

—Brian Carlson, President, Huber Engineered Woods LLC

2:10-2:30 p.m.

*Air Emission Control Technology Trends In the Wood Panelboard and Engineered Lumber Industry: A Supplier's Perspective*

—Rodney Schwartz, Vice President of Sales—Americas, B&W MEGTEC

#### TIME OUT WITH EXHIBITORS

2:40-3:00 p.m.

#### CONCURRENT SESSIONS

(Rooms A-B-C)

## CHINA TRANSITIONS TO A NEW PARADIGM (Room A)

—Moderated by Dr. Fred Kurpiel

### 3:05-3:25 p.m.

*China Is a Global Opportunity*  
—Dr. Fred Kurpiel, President,  
Georgia Research Institute

### 3:30-3:50 p.m.

*An Overview of the Engineered  
Wood Panel Industry of China*  
—Dr. Hui Wan, Associate Profes-  
sor, Forest Composite Products,  
Mississippi State University

### 3:55-4:15 p.m.

*Market Demands—Engineered  
Strand Products and Applications*  
—Dr. W. Ernest Hsu,  
Hsu Consulting

### 4:20-4:40 p.m.

*China—Product Developments  
and Innovations*  
—Colin Folco, Modernization  
Manager, Dieffenbacher, USA

## ADHESIVES ISSUES & PERFORMANCE PART II (Room B)

*Keeping It Together: Technological  
Advances in Wood Adhesives*  
—Moderator Linda Caudill,  
Managing Director, Wood-  
Based Composites Center

### 3:05-3:25 p.m.

*Engineered Fillers/Extenders for  
Wood Composites: Technologies  
to Extend and Enhance Phenolic  
and pMDI Adhesives*  
—Dr. Sudip Chowdhury, Group  
Leader, Fillers & Extenders; Matt  
Peterson, Coatings Chemist,  
Willamette Valley Company

### 3:25-3:45 p.m.

*Engineered Wood Adhesives Im-  
prove Production Efficiency*  
—Yaqiu Zhao, Adhesive Prod-  
uct Development Leader,  
Ashland Specialty Ingredients

### 3:45-4:05 p.m.

*Adhesive Technology Drives Mass  
Wood Innovation*  
—Chris Whelan, Senior Busi-  
ness Development Manager,  
Henkel Corporation

### 4:05-4:25 p.m.

*Lignin: Moving Toward Renewable  
Bio-Based Adhesives*  
—Mojgan Nejad, Assistant  
Professor, Mississippi State  
University

### 4:25-4:45 p.m.

*Wood-Generated Formaldehyde*  
—Charles Frazier, Professor and  
Director, Wood-Based Compos-  
ites I/UCRC, Virginia Tech

## ENVIRONMENTAL ISSUES & TECHNOLOGIES PART I (Room C)

### 3:05-3:25 p.m.

*Dual-Biophase Bio-Oxidation—A  
Green, Energy-Efficient Approach  
to VOC and HAP Emission De-  
struction*  
—Nathan Hess, Applications  
Engineer, Process Combustion  
Corp.

### 3:30-3:50 p.m.

*Meeting EPA Emission Standards  
with Cyclones*  
—Mike Clark, PE, Regional  
Sales Manager, Fisher-Kloster-  
man Entrol

### 3:55-4:15 p.m.

*Wet Scrubbers: Upgrading and  
Results*  
—Magnus Rundqwist, V.P. Busi-  
ness Development, Wechsler En-  
gineering & Consulting, Inc.

### 4:20-4:40 p.m.

*Water Recycle and Reuse in the  
Wood Products Industries*  
—Dr. Rakesh Govind, Presi-  
dent, PRD Tech, Inc.

## EXHIBITORS/ATTENDEES SOCIAL 5-7 p.m.

## FRIDAY APRIL 8

## EXHIBITORS/ATTENDEES BREAKFAST 7:15-8:15 A.M.

## MORNING KEYNOTERS SESSION (ROOMS B-C)

### 8:30-8:35 a.m.

*Welcoming Remarks and Keynot-  
ers Introduction*  
—Fred Kurpiel, Conference Co-  
Chairman

### 8:40-9:00 a.m.

*Reason for Optimism in North  
American Composite Wood Industry*  
—Jackson Morrill, President,  
Composite Panel Association

### 9:05-9:25 a.m.

*Global Wood-Based Panels Mar-  
kets—Trends and Outlook*  
—Dr. George Goroyias, Senior  
Principal, Pöyry Management  
Consulting

### 9:30-9:50 a.m.

*Why Proteak? How an En-  
trepreneur Became Involved in  
Mexico's Newest MDF Operation*  
—Luis Tejado, President,  
Blue Drop

## TIME OUT WITH EXHIBITORS 10:00-10:30 a.m.

## CONCURRENT SESSIONS (Rooms A-B-C)

## SAFETY ISSUES & TECHNOLOGIES (Room A)

### 10:35-10:55 a.m.

*Thermal Oil Hazards: Risk Identifi-  
cation and Prevention*  
—Tom Wechsler, President,  
Wechsler Engineering and  
Consulting

### 11:00-11:20 a.m.

*Proven Fire Protection Systems for  
the Engineered Panel and Lumber  
Industries*  
—Jeff Nichols, Managing Part-  
ner, Industrial Fire Prevention,  
LLC

### 11:25-11:45 a.m.

*Prevention of Fires and Dust Explo-  
sions within the Panel Industry*  
—Mikael Jidenius, Area Sales  
Manager, North America,  
Firefly AB

### 11:50-12:10 p.m.

*How to Reduce Risks of Com-  
bustible Dust: New Standards,  
New Technologies*  
—Jordan Newton, Vice Presi-  
dent of Engineering,  
SonicAire/IES

## QC & OPTIMIZATION (Room B)

### 10:35-10:55 a.m.

*Optimization of Production in  
Short Cycle Press Lines: First  
Startup in North America*  
—Thomas Franz, Managing  
Director, Baumer Inspection  
GmbH

### 11:00-11:20 a.m.

*Moving Towards Smart Factory  
Using Automatic Scanner and  
Panel Repair Technology*  
—Tor Gustavsen, Managing Di-  
rector, Argos Solutions

### 11:25-11:45 a.m.

*Developments in Online Quality  
Control for the Manufacture of  
Composite and Engineered Wood  
Panels*  
—Andrew Jowett, President,  
IMAL

## ENVIRONMENTAL ISSUES & TECHNOLOGIES PART II (Room C)

### 10:35-10:55 a.m.

*Air Compliance Auditing Tips for  
Panel & Engineered Lumber Fa-  
cilities*  
—Brad James, Manager of  
Consulting Services, Trinity  
Consultants

### 11:00-11:20 a.m.

*Reducing RTO Annual Fuel Costs  
with Fine-Tuning Features*  
—Rodney Pennington, VP of  
Key Accounts, NESTEC, Inc.

### 11:25-11:45 a.m.

*The Key to Good WESP Operation  
Is in the Water Treatment System*  
—Jim Cash, Senior Product  
Engineer, B&W MEGTEC

## EXHIBITORS/ATTENDEES LUNCH 12:10-1:30 p.m.

## CASH PRIZE DRAWINGS 1:15 p.m.

## EXHIBITOR BREAKDOWN 1:30 p.m.