

Thursday, February 7 SPECIALIZATION DAY

8:30-12 Abrasives and Sanding Technology/ Developments (Maple Room)

- Douglas Jensen, Senior Product Engineer, Saint-Gobain Abrasives (Sometimes an Audit (Sanding) Is a Good Thing)
- Peter Schneider, President, Steinemann Technology USA (Factors Which Influence Abrasive Belt Consumption in North America)
- Ric Nelson, Service & Training; Mike Simmons, Sander Sales Mgr., Kimwood, (Cross Belt Sanding)

1:30-4:30 Resins and Adhesive (Maple Room)

- Jim Huang, Faculty Research, Oregon State University (New Soy-Flour Based Adhesive)
- Dave Mullen, Business Dev. Mgr, Hercules (Formaldehyde-Free Wood Adhesive)
- Dave Harmon, North American Technical Manager, Hexion Specialty Chemicals (Advances in Ultra-Low Emitting UF Resin Solutions for Particleboard and MDF)
- Rob Schmidt, Senior VP, Arclin (High Efficiency Adhesive Systems for Reduced Cost and Improved Efficiency)

1:30-4:30 Human Resources (Spruce Room)

- The U.S. Retirement Tsunami Is Coming. Moderator/Speaker Carl Jansen, Principal, Search North America; Niall Mulkeen, VP Human Resources, JM Huber Corp.; Jon McAmis, Director of Human Resources and Training, Roseburg Forest Products; Eric Brinson, Human Resource Manager, U.S. Lumber Group; Rian Sigvaldsen, Professional Recruiter, Search North America

8:30-12:00 Computer Technology and Total Plant Process Control (Oak Room)

- Dave Kirkpatrick, Production Machines Marketing Manager, Siemens Energy & Automation (Improving Machine Efficiencies with Integrated Motion and Mechatronics)
- Luca Onesti, Automation Engineer, Frati Group/ProTronics
- Martin Murphy, VP Sales & Marketing, Raute NA (Mill-Level Data Collection and Production Control)
- Chunging Dai, Senior Scientist and Group Leader; Brad Wang, Scientist, FPInnovations-Forintek Div. (Science-Based Computer Simulation Software for Composite Process Optimization and Product Development)

CONFERENCE AGENDA

Thursday, February 7

PRE-CONFERENCE (Atrium)

- 5-5:25 Panel and Related Research Overview at the Forest Products Laboratory
- Chris Risbrudt, Director, Forest Products Lab
- 5:25-5:50 Transformation of the Forest Industry Through Research and Innovation
- Ian de la Roche, President & CEO, FPInnovations
- 6-7:30 Exhibitor Appetizer Meet & Greet

Friday, February 8

- 6:30-7:50 a.m. Breakfast in the Grand Ballroom

POST-BREAKFAST OPENING (Grand Ballroom E)

- 8-8:20 Caring for the Top Line, Employees
- Ron Perry, Chaplain Team Leader, Roy O. Martin

- 8:20-8:50 The ATC Panels Experience
- Fito Salman, CFO, ATC Panels

NON-STRUCTURAL (Grand Ballroom B)

- 9-9:50 Globalization Presents Challenges & Opportunities for Our Woodworking Industry
- Steve Lawser, Executive Director, Wood Component Manufacturers Assn.
- Matt Bumgardner, Forest Products Technologist, USDA Forest Service

- 9:55-10:20 Forest Fragmentation Drivers and Timber Supply, Bob Izlar, Director of the Center for Forest Business, University of Georgia Warnell School of Forest Resources

- 10:25-10:50 Impacts from Changing Forest Resource Condition and Demand on Panel and EWP Facilities
- Mac Lupold, Lupold Consulting, Inc.

10:50-11 Break

- 11:05-11:30 How the Green Movement Is Impacting Your Business (from Forestland Certification to Finished Products)
- Roger Rutan, Vice President, Marketing and Business Development, Timber Products Co.

- 11:35-12 The Challenges and Opportunity of Regulation
- Jody Bevilacqua, Executive Vice President, Hexion Specialty Chemicals

- 12:10-2:30 Lunch (ATRIUM), Speaker and Exhibits
- Facelift of the North American Panel Industry
- Mike Rehwinkel, President, Woods Products, G-P

- 2:35-4:10 Profitable Furniture Industry in NA
- Steve Lawser, WCMA, moderator
- Matt Bumgardner, USDA FS
- Jimmy Hunt, Managing Partner, Industrial Timber
- Dr. Urs. Buehlmann, Associate Professor, Virginia Tech Dept. of Wood Science and Forest Products

- 4:15-5:30 Preemptive, Pro-Active Quality Control
- Steven Mays, moderator, President, Electronic Wood Systems
- Keith Mays, VP, EWS (How Technical Solutions for Online Measurement Meet the Increased Speed of Panel Board Production Lines)
- Allen Wagoner, Vice President, Flamex, Inc. (Obtaining the Maximum Benefit from Fire Protection Systems Through Pro-Active Involvement)
- Clyde Steffens, Principal, Automation Industries (The Search for Preemptive Process Control)
- Staffan Karlsson, Global Product Manager, Sandvik Process Systems (More Value, More Savings, Service Alternatives)

- 6-8 Reception (Atrium)

STRUCTURAL I (Grand Ballroom A)

- 9-9:25 The Family of Engineered Lumber Products
- Mark Churchland, Director, Process R&D, iLevel Vancouver Tech Center

- 9:30-10:15, 10:30-11 LVL Production: Lower Costs, Greater Throughput
- John Holbert, Principal, Corvallis Tool Co.
- LVL Production on a Continuous Press and Microwave Heating
- Michael Stroh, Cole Martin, Dieffenbacher

10:15-10:30 Break

- 11:05-11:50 The Future of ELPs and Requirements for Success
- David Parker, President & CEO, StrongWood Technologies, Inc.

- 12:10-2:30 Lunch (Atrium), Speaker and Exhibits
- Facelift of the North American Panel Industry
- Mike Rehwinkel, President, Woods Products, G-P

- 2:35-3:35 Scrimtec

- Anderson Thomas, President, Loblolly Industries, LLC (How a Traditional Family Sawmill Business Found Its Way into the Strand Engineered Lumber Business)
- Dan Seale, Professor, Mississippi State University

- 3:40-5:30 Strand Products and Technologies
- Tony Pugel, Senior Research Scientist-EWP, Louisiana-Pacific (Strand Lumber Process and Product)
- Andrew Johnson, VP, TSI (Long Strand Drying)
- Stefan Wissing, President, Siempelkamp NA (Right Equipment and Teamwork-The Key for a Great OSB Line Project)
- John Robinson, Drying Technology (Delta T Moisture Control)
- Desmond Smith, Vice President and General Manager, Acrowood (New Technology in Green Strand Screening)

STRUCTURAL II (Grand Ballroom C)

- 9-10:10, 10:30-Noon Structural Panels—Global Products for a Global Market
- Steve Winistorfer, moderator/speaker, Chairman and CEO, TECO
- Lynn Michaelis, VP of Markets & Economic Research and Chief Economist, Weyerhaeuser Co. (Currency 101: How Will Exchange Rates Affect International Trade and Mill Profitability)
- Lou Hess, Industry Consultant and former Managing Director of Smartply OSB (The Paradigm Shift of OSB in the European Market)

10:10-10:30 Break

- Bartolomeu da Silva Neto, Technical Manager, Guararapes and Sudati (The Impact of Manufacturing Improvements on Brazilian Plywood Exports)
- Jeff Cao, Ph.D. candidate, CINTRAFOR (China's Structural Panel Industry and Its Impact on Global Production and Markets)
- Andre Klemarewski, LVL Technology Mgr., Raute NA (The Veneer-Based Plant of the Future)

- 12:10-2:30 Lunch, Speaker and Exhibits
- Facelift of the North American Panel Industry
- Mike Rehwinkel, President, Woods Products, G-P

- 2:30-4:30 Robotics, Materials Handling
- Shawn Macgowan, Technology Manager, Raute (Robotics: The Future is Now)
- Kelly Robinson, Plywood Product Line Manager, Plum Creek Timber Co.; Robert Pitts, Willamette Valley Co. (Robotics and Computer Aided Vision Technology)
- Lorenzo Galletti, Projects Director, Giben International (Cutting Down Running Costs with Automation)

- 4:35-5 Light Transmission Method of Green Veneer Moisture sorting
- Brian Martin, Westmill Industries

- 5:05-5:30 The Impact of Technical Standards on Global Marketing of Glued Engineered Wood Composites
- Tom Williamson, VP of Quality Assurance and Technical Services, APA—The Engineered Wood Assn.

SALES & MARKETNG (Maple Room)

- 9-12, 2:35-5 What You Always Wanted to Know About Forest Products Sales and Marketing, But Were Afraid to Ask
- Jim Davis, President, Davis & Associates
- First Break All the Rules. What They Don't Teach You in B School
- Jim Davis, President, Davis and Associates

- 12:10-2:30 Lunch, Speaker and Exhibits
- 2:35-5 The 10 Greatest Commodity Sales and Marketing Myths
- Jim Davis, President, Davis and Associates

Saturday, February 9

6:15-7:45 Breakfast in Exhibit Hall

POST-BREAKFAST OPENING (Grand Ballroom E)

8-8:25 Bridging the Trough

Darrell Keeling, Vice-President-Composite Manufacturing, Roseburg Forest Products

NON-STRUCTURAL (Grand Ballroom B)

8:35-10:20 Laminate & Engineered Wood Flooring

- Jean Briere, moderator, Technical Director Laminate Flooring Manufacturing, Shaw Industries Group
- Stan McMackins, Faus Industries (NALFA Product Standard LF-01: The North American Reference in Laminate Flooring)
- Sven Kramer, Burkle North America (Analyzing Various Approved Surface Technologies for the Production of Laminate Flooring)
- Luca Onesti, Automation Engineer, Protronics; Fred Kurpiel, Georgia Research Institute (Direct Print Flooring for 21st Century)

10:20-10:30 Break

10:35-12 Value-Added Laminate Panels

- Vickie Newsum, moderator, Melamine Technical Manager, Roseburg Forest Products
- Dr. Sascha Bernhardt, VP, Hymmen North America (Leading Edge Technologies for the North American Coating Markets)
- Bob Knothe, TFM Manager, Toppan Interamerica; Frank Densmore, Design Support Manager, Toppan (Design, Engraving and Printing from a Global Perspective)
- Jim Buffington, Eastern Sales Manager, Roseburg Forest Products (The Power of Value-Added)

12-1:30 Lunch with Exhibitors

1:35-2 Texture in Wood Plastic Composites

- F. Bradley Foster, Vice President of Business Development, Standex Engraving

2:05-2:30 Injection Molding Using Wood-Thermoplastic Biocomposites

- Edward Trueman, President and CEO, JER Envirotech

2:35-3 Lightweight Wood-Fiber Insulation Board

- Dr. Karsten Lempfer, Scientist, Siempelkamp

STRUCTURAL (Grand Ballroom A)

8:35-9:15 Leveraging Your Assets in the Veneer-Based Industry

- Dick Baldwin, Managing Partner, Oak Creek Investments

9:20-10 Energizing a Tired Business

- Fran Eck, President, Wood Resources Specialty Panels

10:05-10:45 Significantly Increase Your Profits By Closing the Execution Gap

- David Jesseau, Director, Sales & Marketing, Perforex
- Michael Steele, Partner, Perforex

10:50-11:30 Electrical Power Systems

- Steve Blackwelder, Business Development Manager, Hunt Guillot & Associates

12-1:30 Lunch with Exhibitors

1:30-3:30 International Markets

- Dr. Chris Gaston, National Director, Markets and Economics, FPInnovations (Wood Market Trends in Asia)
- Bob Nurre, Marketing and Sales, Midway United Ltd.; Nolan Roy, VP, Plywood and Veneer Operations, Midway United Ltd. (Russian Wood Products Industry)
- Ampai Peamaroon, Kasetsart University (Asean Countries Represent Fastest Growing Region in the World)

ENERGY TO EMISSIONS (Grand Ballroom C)

8:35-9 The State of MACT Compliance

- John Bradfield, Director of Environmental Affairs, Composite Panel Assn.

9:05-9:30 Timber Supply and Energy

GEORGIA TECH TOUR/MEETING SCHEDULE

WEDNESDAY, FEBRUARY 6

Georgia Tech College of Architecture Advanced Wood Products Laboratory and Wood Component Manufacturers Assn. Tour of Mills.

- 7 a.m. Tour Bus Departs Omni Hotel
- 7:30-9:15 Mortensen Woodwork, Inc., Union City
- 9:45-11:00 Geiger International, Atlanta
- 11:30-12:45 p.m. Lunch
- 12:45-1:45 Atlanta Hardwoods, Inc./Hardwoods Inc., Mableton
- 2:15-3:15 Leeman Architectural Woodwork, Powder Springs
- 3:30-4:45 Dallas Millwork, Hiram
- 5 p.m. Travel back to Omni Hotel

THURSDAY, FEBRUARY 7 (OMNI HOTEL, SPRUCE ROOM)

Globalization/ Marketing Impacting Design & Manufacturing Competitiveness with CNC Technology

- 8:45 a.m. Welcome: Karl N. Brohammer, Director, Georgia Tech Advanced Wood Products Laboratory (AWPL), College of Architecture, Atlanta
- 8:55 a.m. Keynote: Panel Processing-Not Afraid to Reach for the Limits: Competitiveness in the Global Markets Using CNC Technology-Trends and Reality. Andrew Jowett, SCM Group Engineering Manager
- 9:15 a.m. Globalization Presents Challenges and Opportunities for Our Woodworking Industry, Matt Bumgardner, Forest Products Technologist, USDA Forest Service; Steve Lawser, Wood Components Manufacturers Assn., Marietta, Ga.

10:15-10:30 a.m. Break

- 10:30 a.m. CNC Software Design Applications Applicable to Panel Processing. Moderator: Dr. Russell Gentry, AWPL Associate Director of Research
- CNC Design Applications & Finding via COA Coursework at AWPL. Alan J. Harp, Industrial Designer
- 2 D and 3 D Software Applications in Industry. Robert A. Szurgot, Research Scientist CNC Instructor
- Use of Parametric Solid Modeling applicable to Panel Products. Kevin Shankwiler, AWPL Visiting Assistant Professor Industrial Design, COA Georgia Tech
- Complex Shapes with Panel Products-Projects & Techniques. Tristan Al Haddad, Visiting Assistant Professor Architecture Program, Georgia Tech COA
- 12:00 Adjourn to Georgia Tech Advanced Wood Products Laboratory (AWPL), 676 Marietta St NW (transportation available)
- 12:30 p.m. Luncheon at AWPL (included in registration)
- 1:30 p.m. Mission and Tour of AWPL Facilities- Karl Brohammer, Director / AWPL staff / SCM Group USA, Inc. Duluth, GA.
- CNC Configurations- CNC machine centers set at Georgia Tech AWPL for panel processing, machining, edgebanding, sanding and specialized machine centers in static display. Machine arrangement to complement Nested Based Manufacturing and Cell Based manufacturing. SCM Group representatives on hand.
- 3:15 p.m. Return to Omni Hotel

* (Georgia Tech/WCMA events February 6-7 are under a different fee structure than the Panel World conference/expo.)

—Michael Clutter, Dean, University of Georgia, Warnell School of Forestry and Natural Resources

9:35-10:00 Pellet Mill Wood Drying Systems

- James Teaford, President, The Teaford Co. Inc.

10-10:15 Break

10:15-10:40 Case Study: OSB Mill Saves on Gas Costs

- Rodney Schwartz, Business Director for Oxidizer Products, MEGTEC Systems Inc.; Jack Wallingford, General Manager, Norbord Minnesota

10:45-11:10 New Biofiltration Technology for MACT Compliance

- Dr. Rakesh Govind, President, PRD Tech (Tri-Mer Corp.)

11:15-11:40 Advanced Gasification of Bark—A New Approach to Reducing Fossil Fuel in Veneer Dryers and Sawmills

- Phil Beatty, Vice President, Sales, Nexterra Energy Corp.

12-1:30 Lunch with Exhibitors

1:35-2 MACT Compliance for Less

- Rodney Pennington, Engineer, Durr Systems

2:05-2:30 The Media Matters

—Paul Sims, Southeast Sales Manager, Koch Knight LLC

2:35-3 Application of VOC Oxidation Catalysts in the Forest Products Industry: Review and Recommendations

- Dr. Yurii Sh. Matros, President, Matros Technologies; Dr. Grigori A. Bunimovich, Applications Director, Matros Technologies

SALES & MARKETING (Maple Room)

8:35-10 Marketing Strategy for All Seasons

- Leonard Guss, President, Leonard Guss Associates

10-12 Marketing Forest Products: How To Do It

- Jim Davis, President, Davis and Associates

12-1:30 Lunch with Exhibitors



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