Texas Wood Solutions Fair Schedule

7:00 am
Registration Check-In – Exhibit Expo Opens

8:00 am – 9:10 am
ROOM 1
From Isolated Pavilions to Boutique Hotels: The Power of Wood Solutions
Vreni Florian & Michael Britt
Adventancements in Force Transfer around Openings for Wood-Framed Shear Walls
Kayrin Beville
Exposed Wood in Fire-Resistant Applications
David Biever

Break – Exhibit Expo

9:10 am – 9:45 am
ROOM 2
Building the Hines T3 Office: Seven Stories of Success
Lucas Zio
The Role of Control Layers for Building Enclosure Design
Cecil Shane
Lateral Design of Mid-Rise Wood Structures for Wind Loads
Ricky McLain

Break – Exhibit Expo

9:45 am – 10:45 am
ROOM 3
More with Less: An Overview of the First CLT Hotel in the US
Jeff Morrow
International Building Code Essentials for Wood Construction
Michelle Kam-Biron
Construction of Large Low-slope Roofs: Faster, SAFER, Lower Cost
Peter "Hoppy" Post

Break – Exhibit Expo

10:45 am – 11:00 am
Lunch • Wood Design Awards • Keynote Talk: Sustainable Forestry in Texas: Generating Revenue, Creating Jobs
Hughes Simpson, Texas A&M Forest Service

11:00 am – Noon
ROOM 1
Introduction to the American Wood Council’s 2012 NDS® and 2008 SDPWS
Michelle Kam-Biron
Construction of Large Low-slope Roofs: Faster, SAFER, Lower Cost
Peter "Hoppy" Post

ROOM 2
Building the Hines T3 Office: Seven Stories of Success
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Break

2:20 pm – 2:50 pm
ROOM 2
Introduction to the American Wood Council’s 2012 NDS® and 2008 SDPWS
Michelle Kam-Biron
Construction of Large Low-slope Roofs: Faster, SAFER, Lower Cost
Peter "Hoppy" Post

Break – Exhibit Expo

2:50 pm – 3:50 pm
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Break

4:00 pm – 5:00 pm
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Break

FREE DESIGN AND ENGINEERING SUPPORT FOR NON-ResIDENTIAL AND MULTI-FAMILY WOOD BUILDINGS
For project assistance, email help@woodworks.org. For resources such as CAD/REVIT details, span tables, design examples and more, visit woodworks.org.

Who Should Attend? With a full day of seminars and a trade exposition, the Texas Wood Solutions Fair will pack an informational punch for architects, engineers, developers, code officials and anyone else interested in wood’s exciting design possibilities. Register today if you’d like access to wood design experts for one-on-one support, informative seminars, technical information from manufacturers, engineering consultants and industry associations, and exhibits featuring a wide range of structural and finishing products.

How to Register To register, visit woodworks.org and look under “Education” on the home page. As part of the registration process, you will be asked to choose which seminar you plan to attend in each time slot. Once your request has been processed, you will receive an email confirmation that your registration is complete. To help make your choices, speaker bios are available on the website.

Cost There is no cost to attend and complimentary lunch will be provided.

Education Credits Attendees can earn 6 AIA/CES LUs (HSW) or PDH credits (one per attended seminar). Visit woodworks.org for details and learning objectives. AIA/CES forms and professional development certificates will be available on site.

More Information Visit woodworks.org

Texas Wood Solutions Fair
SEPTEMBER 14, 2016
GEORGE R. BROWN CONVENTION CENTER
1001 AVENIDA DE LAS AMERICAS
HOUSTON, TX 77010

Earn 6 AIA/CES LUs (HSW) or PDH credits free
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Texas

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8:00 am – 9:30 am

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Revina Florian & Michael Britt

Advancements in Force Transfer around Openings for Wood-Framed Shear Walls

Kevin Beebe

Exposure Wood in Fire-Resistant Applications

David Bebeer

Break • Exhibit Expo

Building the Hines T3 Office: Seven Stories of Success

Lucas Zippo

The Role of Contort Layers in Building Enclosure Design

Colin Shane

Lateral Design of Mid-Rise Wood Structures for Wind Loads

Ricky McLain

Break • Exhibit Expo

More with Less: An Overview of the First CLT Hotel in the US

Jeff Morrow

International Building Code Essentials for Wood Construction

Michelle Kam-Biron

Construction of Large Low-slope Roofs: Faster, Safer, Lower Cost

Peter “Happy” Post

Lunch • Wood Design Awards

KEYNOTE TALK: Sustainable Forestry in Texas: Generating Revenue, Creating Jobs

Hughes Simpson, Texas A&M Forest Service

10:45 am – 12:00 pm

10:45 am – 11:00 am

Building the Hines T3 Office: Seven Stories of Success

Lucas Zippo

Advanced Detailing Techniques for Building Enclosures

Colin Shane

Lateral Design of Mid-Rise Wood Structures for Wind Loads

Ricky McLain

12:00 pm – 1:20 pm

Lunch • Wood Design Awards

KEYNOTE TALK: Sustainable Forestry in Texas: Generating Revenue, Creating Jobs

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1:20 pm – 2:20 pm

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Michelle Kam-Biron

Construction of Large Low-slope Roofs: Faster, Safer, Lower Cost

Peter “Happy” Post

2:20 pm – 2:50 pm

Break – Exhibit Expo

2:50 pm – 3:50 pm

Building the Hines T3 Office: Seven Stories of Success

Lucas Zippo

Advanced Detailing Techniques for Building Enclosures

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Lateral Design of Mid-Rise Wood Structures for Wind Loads

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3:50 pm – 4:00 pm

Break

4:00 pm – 5:00 pm

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Indicates the session is presented only one time at the fair. All other presentations are offered both morning and afternoon.

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Register free for the Texas Wood Solutions Fair

SEPTEMBER 14, 2016

PO Box 517  •  Streamwood, IL 60107

Space is limited. Register today!

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is the Hines T3 (Timber, Transit and Technology) project—a seven-story condominium complex in Austin, which includes three Type V mass timber buildings. Designed and built by Lend Lease, this project incorporates four mass timber buildings, one of which includes three Type V mass timber buildings of two, three and four stories. This presentation will focus on the design and details of these unique structures, as well as the cost-effective approval process.

ROOM 1
MORNING SESSION 9:45 AM • AFTERNOON SESSION 2:50 PM
Building the Hines T3 Office: Seven Stories of Success
Ken Jurisich, PE, Lend Lease

This presentation provides an update of that research with a focus on anarchic patterns and multiple open-source design methodologies in accordance with the IRC. The presentation will explore the design, development, and implementation of code-compliant mid-rise wood structures.

ROOM 2
MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
Advancements in Force Transfer around Openings for Wood-Framed Shear Walls
Kory Bevin, PE, LEED AP

This presentation will provide an overview of design and construction considerations associated with using CLT as a whole building system.

MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
The Role of Control Layers in Building Enclosure Design
Colin Shane MEng, PEng, RDH Building Science Inc.

Discussion will focus on best practices for designing durable, energy-efficient enclosures using traditional light-wood-frame construction.

MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
Openings for Wood-Framed Shear Walls
S. Kari Beebe, PE, LEED AP, APA

This presentation will cover the use of CLT for improved construction efficiency and performance. The four-story, 62,688-sf Arsenal, Alabama, Lend Lease explored the use of CLT on this project, and address CLT's viability as a market changing technology. Lessons learned during the design and construction processes will be discussed, as well as the potential for using CLT in other high-rise buildings.

MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
International Building Code Essentials for Wood Construction
Michael Kamm-Blass, PE, SE, DECR, ASCE, American Wood Council

This presentation will include maximum building sizes (participants will receive pre-calculated tables for eight occupancies, with and without frontage and sprinkler increases); alternatives for establishing required fire resistance; special provisions for pedestal buildings, precut wood, and precast concrete; and pre-calculated tables for eight occupancies, with and without frontage and sprinkler increases).

MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
More with Less: An Overview of the First CLT Hotel in the US
Jeff Martin

A key component of the High-tech system is the computer-aided design (CAD) software, which integrates the various design elements and allows for a seamless transition from concept to construction. This presentation will explore the structural efficiency and performance of the CLT panels, as well as the benefits and challenges associated with their use.

MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
Faster, Safer, Lower Cost
Ricky McLain, PE, SE, WoodWorks

As increases in urban density become necessary to address growing populations, many building designers and developers are leveraging wood’s ability to achieve reach for the Sky. This presentation will cover the economic, environmental and social benefits realized through the use of CLT on this project, and address CLT’s viability as a market changing technology.

MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
Lateral Design of Mid-Rise Wood Structures for Wind Loads
Ross McNally, PE, SE, WoodWorks

This presentation provides insight into the IBC parameters for wood construction, with a review of building enclosure design fundamentals and considerations. Discussion will focus on best practices for designing durable, energy-efficient enclosures using traditional light-wood-frame construction.

MORNING SESSION 9:00 AM • AFTERNOON SESSION 12:00 PM
Construction of Large Low-slope Roofs:
Faster, Safer, Lower Cost
Peter "Happy" Post, Penninkid Structures Inc.

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2:50 pm – 3:20 pm

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