Space is limited. Register today!

Central Florida Wood Solutions Fair Schedule

7:00 am

Registration Check-In • Exhibit Expo Opens

ROOM 1

8:00 am – 9:00 am

Mass Timber Building Systems: Understanding the Options
Tanya Luthi

Foresters and Forest Products
Kathryn Fernholz

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

ROOM 2

9:10 am – 9:45 am

Break – Exhibit Expo

ROOM 3

9:45 am – 10:45 am

Off-Site Wood Construction: Where, Why, How and the Future
Randall Walter

The Role of Control Layers in Building Enclosure Design
Colin Shane

Multi-Family Design and Detailing: An Orlando Perspective on Mid-Rise Construction
Russo Golubi

10:45 am – 11:00 am

Break – Exhibit Expo

11:00 am – Noon

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

Urban Acoustics
Steve Thorburn

International Building Code Essentials for Wood Construction
Paul Coats

Noon – 1:20 pm

Lunch • Wood Design Awards

1:20 pm – 2:20 pm

Innovative Solutions for Mass Timber Projects: Structural Concepts and Case Study Examples
Tanya Luthi

Foresters and Forest Products
Kathryn Fernholz

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

2:20 pm – 2:50 pm

Break – Exhibit Expo (closes at 3:00 pm)

2:50 pm – 3:50 pm

Off-Site Wood Construction: Where, Why, How and the Future
Randall Walter

Advanced Detailing Techniques for Building Enclosures
Colin Shane

Multi-Family Design and Detailing: An Orlando Perspective on Mid-Rise Construction
Russo Golubi

3:50 pm – 4:00 pm

Break

4:00 pm – 5:00 pm

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

Urban Acoustics
Steve Thorburn

Designing for Permanence: Protecting Wood Frame Structures from Insects and Decay
Paul Coats

Central Florida Wood Solutions Fair

Who Should Attend?

With a full day of seminars and a trade exposition, the Central Florida 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 consultancies 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

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Education Credits

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More Information

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Central Florida Wood Solutions Fair

NOVEMBER 2, 2016

ROSEN CENTRE HOTEL

9840 INTERNATIONAL DRIVE

ORLANDO, FL 32819

Register for the Central Florida Wood Solutions Fair

Free design and engineering support for non-residential and multi-family wood buildings

For project assistance, email help@woodworks.org. For resources such as CADREVIT details, open tables, design examples and more, visit woodworks.org.
Central Florida Wood Solutions Fair Schedule

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Central Florida Wood Solutions Fair

Room 1 Room 2 Room 3

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

8:00 am Mass Timber Building Systems: Understanding the Options
Tanya Luthi
Porello and Forest Products
Kathryn Fernholz
Advancements in Force Transfer around Openings for Wood-Framed Shear Walls
Karyn Beebe

Randal Walter
The Role of Control Layers in Building Enclosure Design
Colin Shane
Multi-Family Design and Detailing for Orlando Perspectives on Mid- and Low-Rise Construction
Russo Gallo

11:00 am Lunch

12:00 pm Innovative Solutions for Mass Timber
Project: Structural Concepts and Case Study Examples
Tanya Luthi
Porello and Forest Products
Kathryn Fernholz
Advancements in Force Transfer around Openings for Wood-Framed Shear Walls
Karyn Beebe

1:20 pm Lunch • Wood Design Awards

2:30 pm Free design and engineering support for non-residential and multi-family wood buildings
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construction, as well as its advantages, will also be reviewed. on how to find and utilize partners and resources, the integrated presented for designers new to off-site construction, with information benefits based on real-world projects. A step-by-step process will be services will be followed by a demonstration of cost and schedule Due to skilled labor shortages, compressed schedules, and the Randall Walter, AIA, LEED AP, Bensonwood Off-Site Wood Construction: MORNING SESSION 9:45 AM • AFTERNOON SESSION 2:50 PM Mass Timber Building Systems: Understanding the Options Tanya Luthi, PE, Fast + Epp Mass timber represents a rapidly advancing technology that can be utilized as an alternative to steel and concrete to create a variety of floor and roof systems, as well as walls and interior partitions. The presentation will cover the basics of mass timber construction and some of the advantages it offers over traditional materials and methods. The discussion will include a review of case studies from around the world, with a focus on the latest developments in the field. This session will be particularly valuable for designers and builders who are new to mass timber construction or are looking to incorporate it into their projects.

ROOM 3 MORNING SESSION 09:45 AM • AFTERNOON SESSION 1:30 PM Off-Site Wood Construction: What, Why, and How the Future Randall Walker, AIA, LEED AP, Bensonwood Due to labor shortages, changing demographics, and the potential for greater quality control, off-site wood construction has become an increasingly popular option. This presentation will cover the unique design and construction techniques associated with pre-fabricated and off-site panelized systems. An introduction to the different levels of off-site construction and review of associated products will be followed by a demonstration of cost and schedule benefits based on real-world projects. A step-by-step process will be provided for designers new to off-site construction, with information on how to find and utilize partners and resources, the integrated design process, and differences compared to traditional on-site construction. Trends and emerging opportunities for the use of off-site construction, as well as its advantages, will also be reviewed.

MORNING SESSION 09:45 AM • AFTERNOON SESSION 2:50 PM Multi-Family Design and Detailing: An Orlando Perspective on Mid-Rise Construction Russell Goall, Biiome satin Architecture Developed in response to the recent adoption of NADAguidelines for mid-rise wood buildings, this course will provide an in-depth look at design and detailing considerations for multi-family wood buildings. This course will include an introduction to the design and construction process, as well as a review of the latest codes and standards. The course will focus on the practical aspects of designing and constructing multi-family wood buildings, with a particular emphasis on the Orlando market and the unique design challenges associated with this region. This course will be particularly valuable for architects, engineers, and builders who are new to the mid-rise wood building market or are looking to expand their knowledge of this growing segment of the market.

MORNING SESSION 11:00 AM • AFTERNOON SESSION 4:00 PM Designing for Permanence: Protecting Wood Frames from Moisture and Decay Paul Cole, PE, CBO, American Wood Council When properly designed and constructed, wood frame structures are able to resist damage by moisture and living organisms. This presentation focuses on four steps to achieving long-term performance: 1) selecting the right wood species; 2) applying appropriate finishes; 3) using effective termite controls; and 4) maintaining moisture content of wood. The presentation will cover best practices for moisture control, including the use of appropriate treatments, and will provide guidance on how to achieve long-term performance in wood frame structures.

MORNING SESSION 10:00 AM • AFTERNOON SESSION 2:50 PM Innovations for Mass Timber Projects: Structural Concepts and Case Study Experiences Tanya Luthi, PE, Fast + Epp Mass timber construction uses large pre-fabricated members which are typically engineered and manufactured in a controlled environment. The presentation will focus on the latest innovations in mass timber design and construction, including case studies from around the world. The discussion will include a review of the latest codes and standards, as well as a discussion of the potential for mass timber to meet the demands of the market for sustainable and high-performance buildings.

MORNING SESSION 10:45 AM • AFTERNOON SESSION 5:15 PM Urban Acoustics Steve Thorburn, PE, LEED AP, CTI, CTI-CTG, Thoburn Associates As with any issue of building performance, the acoustics of a mixed-use wood-frame structure can be designed to meet or exceed minimal requirements. It is the responsibility of the design team to determine acoustical expectations for the project and meet them within the available budget. Through the use of case studies, this fascinating and interactive seminar will illustrate how multiple wood systems can be used to meet acoustical privacy goals. Discussion will focus on the detailing and construction of units, and how the acoustics of a building can be affected by the location and arrangement of the inhabitants. The presentation will provide guidance on how to achieve optimal acoustic performance in wood frame buildings, with a particular emphasis on the latest codes and standards.

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Randall Walter
The Role of Control Layers in Building Enclosure Design
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Russee Golich

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More with Less: An Overview of the First CLT Hotel in the US
Jeff Morrow
Urban Acoustics
Steve Thorburn
International/Building Code Essentials for Wood Construction
Paul Coates

Lunch • Wood Design Awards

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12:00 pm - 1:20 pm
Innovative Solutions for Mass Timber Projects: Structural Concepts and Case Study Examples
Tanya Luthi
Powers and Forest Products
Kathy Fanthorpe
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Karyn Beebe

ROOM 2
1:20 pm - 2:20 pm
Innovative Solutions for Mass Timber Projects: Structural Concepts and Case Study Examples
Tanya Luthi
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Break - Exhibit Expo (closes at 3:00 pm)

ROOM 3
2:50 pm - 3:50 pm
Randall Walter
Advanced Detailing Techniques for Building Enclosures
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WoodWorks is an approved AIA provider.

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

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