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Midwest Wood Solutions Fair Schedule

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<td>Break – Exhibit Expo (closes at 3:00 pm)</td>
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Photos: (cover) Vox on Two, CUBE 3 Studio LLC, Roof Photography; (address panel) New Genesis, Killefer Flammang Architects, photo KC Kim, GB Construction

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1301 Second Avenue South
Minneapolis, MN 55403

Register free for the Midwest Wood Solutions Fair March 23, 2016

Reduced $250 for society members when registering before March 23rd

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Building the Hines T3: MORNING SESSION 8:00 AM  AFTERNOON SESSION 1:20 PM

Seven Stories of Success: Gerald A. Epp, MEng, PEng, StructEng, PE, M.IABSE, FIStructE, Building StructureCraft Builders Inc.

One response to the growing cultural demand for local authenticity, in the US: A Builder’s Perspective

Building Enclosure Fundamentals and Best Practices for Wood-Framed Buildings

Combining a building science curriculum and concrete knowledge, this presentation will provide an in-depth look at a variety of wood-frame building assemblies and details. Building enclosure design considerations and case studies, followed by best practices, with references from technical guidelines and case studies, will be discussed with attention on continuity of critical barriers. A series of detail and case studies will be presented for each.

Wood Roof Structure Case Study: Building From the Ground Up

Wood Roof Structure Case Study: Building From the Ground Up

Wood Frame Construction: Prescriptive vs. Performance: Beyond 25 minutes by a crew of five carpenters and a crane

One of the challenges, in designing these taller buildings, is how to make the wood structure viable and fire-resistant elements for separation vs. class of construction.

Building the Hines T3: MORNING SESSION 9:45 AM  AFTERNOON SESSION 2:50 PM

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Registration Check-In – Exhibit Expo Opens

ROOM 1
- Aspen Art Museum: Wood Rod Structure Case Study
- Building Enclosure Fundamentals and Best Practices for Wood-Frame Buildings

ROOM 2
- Break – Exhibit Expo
- Code Compliance for Fire Resistance-Rated Assemblies in Light-Frame Buildings
- Urban Acoustics
- Preservative-Treated Wood Use and Specification

ROOM 3
- Building the Hines T3 Office: Seven Stories of Success
- Lateral Design of Mid-Rise Wood Structures for Wind Loads
- Timber Framing Applications in Commercial Construction

ROOM 4
- The First Cross Laminated Timber School in the US: A Builder’s Perspective
- Energy Efficient Wood-Frame Assemblies: Options for Compliance with the IECC

Break – Exhibit Expo

Lunch - Wood Design Awards

12:00 pm – 1:00 pm
- Aspen Art Museum: Wood Rod Structure Case Study
- Assembly and Detailing Considerations for Wood-Frame Building Enclosures
- Detailing for Wood Shrinkage
- Carbon Implications of Construction Material Selection

1:00 pm – 2:00 pm
- Building the Hines T3 Office: Seven Stories of Success
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- Urban Acoustics
- Fire Retardant-Treated Wood: The Basics

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