

Ohio Valley Lumber Drying Association Spring Meeting



Registration Deadline: April 14, 2025 (late registration add \$40)

OVLDA Member Registration: \$180 per person
Non-Member Registration: \$240 per person

Please make checks payable to: Ohio Valley Lumber Drying Association

Send To: Chad Niman
University of Kentucky
Department of Forestry
130 Robinson Road
Jackson, KY 41339

Registration Form: Spring 2025 Meeting, April 30 & May 1, 2025
Grand Wayne Convention Center, Fort Wayne IN

Name: _____ Title: _____
Company: _____ Address: _____
City: _____ State: _____ Zip: _____
Daytime Phone: () _____ Email: _____

Please type or print clearly. If more than one person plans to attend, please copy this form and provide the above information for each person attending. Registration includes handouts, break refreshments, and dinner Wednesday.

Agenda **Eastern Time Zone**

Wednesday, April 30, 2025

12:00-12:20 PM - Welcome and Updates- Chad Niman, UK Forestry Extension

12:20– 1:00 PM - Thermally Modified Wood Overview", Dr. Adam Taylor, UT

1:00-1:50 PM- "Kiln Processes to Produce Thermal Modified Hardwood" Dan Mathews, SII Dry Kilns

1:50 - 2:00 - 10 Minute Break

2:00 PM - 2:50 PM - "Thermally Modified Hardwood Machining and Properties", Fred Fuller, Fuller Architectural Hardwoods

2:50 - 3:15 PM - Break with refreshments

3:15- 4:30 PM - "Advanced Drying Oak", Frederik Laleicke, NC State

4:45- 6:00 PM - Business Meeting of the OVLDA in the lobby.

6:00 PM - 8:00 PM Dinner
***Included with registration**

Thursday, May 1, 2025

7:00 - 8:15 AM - Hotel Breakfast (Hilton)

8:15 AM - Leave hotel for Arbor Wood Co.
6878 County Road 62, Saint Joe, IN 46785

9:00 AM - Tour Arbor Wood Co.

10:15 AM - Leave Arbor Wood Co. travel to Fuller
14113 W Main St, Daleville, IN 47334

12:00 PM - Tour Fuller Architectural Hardwoods

1:15- Depart Fuller- Meeting Concludes

About the Speakers

Adam Taylor

Adam Taylor is the Wood Products Extension Specialist at the University of Tennessee. His responsibility is to assist Extension agents, the wood industry, landowners and interested individuals to do more, better, with wood products. Dr. Taylor was raised in Canada, went to school in Oregon, and is now happy to live and work in east Tennessee.

Dan Mathews

Dan Mathews began working for his father's dry kiln company at the age of 15. In 1970, he started as a laborer, installing a prefab aluminum kiln in Laurinburg, NC. Throughout the mid-1970s, during his college breaks, he traveled across the southeastern United States, installing hardwood and softwood kilns, and learning valuable skills such as pipe fitting, welding, and operating cranes. With his construction background, Dan enrolled at UNC-Charlotte, where he earned both a Bachelor of Arts in Architecture and a Bachelor of Architecture degree. He practiced architecture for 10 years before joining the family business, SII Dry Kilns, in 1990. Dan became President in 1996, a position he held until 2022 when he transitioned to the role of Chairman. Dan's involvement with Thermally Modified Wood began in 2008 at the International Woodworking Fair (IWF) in Atlanta. In a struggling lumber market at the time, it was one of the few new technologies available. Over the years, Dan has taught numerous kiln-drying classes, including the NC State dry kiln workshop for over 25 years.

Fred Fuller

In 1968, Fred began working with his father at his sawmill and hardwood lumber company which supplied all necessary materials to industrial arts shops throughout Indiana. During this time, a good foundation for business ethics and attention to detail were developed. After graduating from Ball State University in 1975 with a Bachelor of Arts degrees in business administration and industrial arts, Fred began to grow the business toward design and manufacture of Interior Architectural Millwork products. Fred purchased the company from his father in 2000 and renamed it Fuller Architectural Hardwoods and was the sole proprietor until 2024 when he sold the business to his son, Adam. Today, Fred remains the president. FAH began its journey with thermally modified wood products in 2015 with a request to provide this material for a project. TMH's unique properties lends itself to a variety of quality woodworking design solutions. The application and problem solving of using TMH is and will continue to be an ongoing process. Authoritative testing of each application is essential to success. Fred is an AWI presenter for Thermally Modified Hardwoods.

Frederik Laleicke

Frederik Laleicke is a Wood Products Extension Specialist and Assistant Professor at NC State University. Originally from Germany, he came to the United States in 2012. Laleicke is passionate about wood products and urban wood utilization. He regularly teaches workshops related to drying and gives presentations to educate about the various facets of wood. Through some of his extension projects, Laleicke has explored the diversity of wood products in our daily lives. His overall goal is to improve the sustainable use of our wood resources and to increase the number of wood products in our built environment.

About the Tours:

Arbor Wood Co.

6878 County Road 62
Saint Joe, IN 46785

Arbor Wood Co. produces thermally modified wood for a variety of outdoor and indoor applications including siding, decking, and architectural millwork. Our process starts by using domestically-sourced and responsibly-harvested wood which is thermally modified using only heat and steam. The result is a high-quality, performance-driven material, which sustains the natural beauty and design element of wood all without the use of harsh chemicals.

Arbor Wood is thermally modified wood produced in a specialized, 3-phase kiln chemical free process using only heat and steam. An initial gradual increase in temperature reduces the equilibrium moisture content (EMC) of the wood. Phase 2 sees a rapid spike in temperature and is where the magic really happens. The cellular composition of the wood is altered in this high-heat, oxygen-deprived environment which converts the natural acids and sugars so as to no longer be a food source for mold, rot or fungal decay. This change also renders the wood 'hydrophobic', meaning it loses much of the natural tendency to absorb water going forward. As a natural byproduct of the process the wood takes on a richer, dark tone throughout giving it a look similar to that of exotic species. The third and final phase introduces steam to cool the wood down and bring the EMC back up to a suitable level. Thermal modification is one of the most natural, chemical-free ways to extend the life of wood products.



THERMALLY MODIFIED WOOD

Website: <https://arborwoodco.com/>

About the Tours:

Fuller Architectural Hardwoods

14113 W Main St,
Daleville, IN 47334

Fuller Architectural Hardwoods is touted as one of the best architectural millwork companies around today due to the exceptional quality of their products. They specialize in the design and manufacture of interior custom architectural millwork for both residential and commercial markets. At Fuller Architectural Hardwoods, they have thrived in the industry of architectural millwork by standing behind the quality of work and the integrity in service since 1945.

They are also a wholesale manufacturer of traditional hardwood solids and veneers, offering a large selection of kiln-dried lumber in both domestic and imported species—which have been carefully dried in our custom designed dry kiln to ensure a quality finished product.

They have their hands on every step of the process—from the tree in the ground, to the trim in your home. On top of design and installation, and are also a wholesale manufacturer of domestic hardwood lumber—growing their own hardwood and professionally drying it in their own kilns, right here in the USA.

Their staff is a team of technically qualified and goal oriented individuals focused on maintaining quality, price, and selection. Planning, organization, and attention to detail are the prevailing standards they place on each project.

At Fuller Architectural Hardwoods, their goal is to maintain the highest level of accuracy in the preservation of wood species, as well as the flatness and machinability of lumber and they do this by maintaining control of their materials.



website: fahwoods.com



OHIO VALLEY LUMBER DRYING ASSOCIATION

2025 Spring Meeting

April 30 - May 1, 2025



Meeting Location

Grand Wayne Convention Center
120 W Jefferson Blvd.
Fort Wayne, IN, 46802

Hotel Location and Reservations

Hilton Fort Wayne @ Grand Wayne Convention Ctr.
1020 South Calhoun Street
Fort Wayne, IN, 46802

A room block of 15 king and 5 queen rooms have been reserved on a first-come basis at the Hilton Fort Wayne. Room block releases April 8 so make your hotel reservation before then.

Reservations can be made by calling 260-420-1100.

Use group code OHI or this link
<https://tinyurl.com/OVLDAspring25>

Tours:

Arbor Wood Co.
Fred Fuller Architectural Millwork

Sponsors:

University of Kentucky Forestry and Natural
Resources Extension
Purdue University Forest and Natural Resources
University of Tennessee, Department of Forestry