



Maine Forest Products Council

The voice of Maine's forest economy

Companies represented on the MFPC Board

American Forest Mgmt.
Anderson Equipment
Baskahegan Co.
BBC Lands LLC
Cross Insurance
Family Forestry
Farm Credit East
Fontaine Inc.
Hancock Lumber
H.C. Haynes
Huber Resources
Innovative Natural
Resource Solutions
J.D. Irving
JM Cote Co.
Katahdin Forest Mgmt.
Key Bank
LandVest Inc.
Limington Lumber
Louisiana Pacific
Maibec Logging
Nicols Brothers
Pingree Associates
Prentiss & Carlisle
ReEnergy
Richard Wing & Son
Robbins Lumber
Sappi Fine Papers
Southern Maine Forestry
Stead Timberlands
Timber Resource Group
Timberstate G.
Verso Paper
W.T. Gardner & Sons
Wagner Forest Mgt.
Weyerhaeuser

Agenda, Monday, September 19, 2016, Wells Center, Orono

7:30 a.m. BREAKFAST – Wells Center

8 - 9:45 a.m. MFPC BUSINESS MEETING – Wells Center

10 a.m. – 12 p.m. – OPENING THE DOOR TO CROSS-LAMINATED TIMBER

10 – 10:10 a.m. – **Program Overview and Introductions**, *Stephen Shaler, Director, School of Forest Resources.*

10:10 – 10:30 a.m. – **Mass Timber: What, Where and How**, *Marc Rivard, New England Regional Director, Woodworks.*

10:30 – 10:45 a.m. – **CLT Production Facilities in Oregon and Montana**, *Russell Edgar, Wood Composites Manager, ASCC, University of Maine.*

10:45 – 11:00 a.m. – **CLT Opportunities for Building Projects in Maine and New England: A Construction Firm Perspective**, *Matt Tonelli, Project Manager, Consigli Construction Company.*

11:00 – 11:15 a.m. – **CLT opportunities for building projects in Maine and New England: An Architectural Firm Perspective**, *Scott Simons, Scott Simons Architects, Portland, Maine.*

11:15 – 11:30 a.m. – **Softwood lumber: Status and Opportunities**, *Jeff Easterling, president, Northeast Lumber Manufacturers Association.*

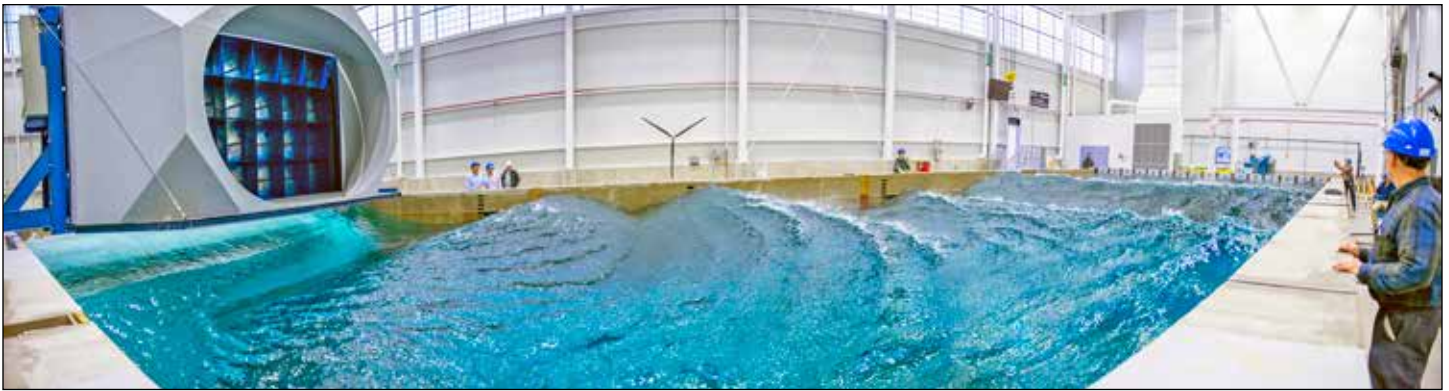
11:30 – 12:00 p.m. – **What Do We Need to Know and Do?** *Open discussion with membership.*

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(Download annual meeting registration form)

UMaine is manufacturing and testing cross-laminated timber (CLT) made with both solid sawn and composite lumber (and hybrids including both) from Maine and the Northeastern forests of the United States. CLT is a massive timber construction product; two-by-two solid-sawn, or composite lumber glued together and stacked in alternating directions. CLT offers rapid construction times and improved environmental profiles relative to concrete. UMaine is also investigating the technical and economic feasibility of the creation of a facility to manufacture and market CLT and/or hybrid CLT systems to the northeastern U.S.





The UMaine Composite Center's Alford W2 Ocean Engineering Laboratory tests coastal and offshore structures, including ships, aquaculture facilities, oil and gas structures, and ocean energy devices under extreme wave, wind and current environments. The facility is capable of simulating 1000+ year return period wind and wave conditions, representing some of the worst storms possible anywhere on earth at 1:50 scale.

A tour you don't want to miss

12:00 – 1:00 – LUNCH

12:10 – 12:40 p.m. – Luncheon speaker Mindy Crandall, assistant professor of Forest Management and Economics, School of Forest Resources, University of Maine, will take members through the new economic impact research.

1:15 – 2:45 p.m. – TOURS:

Process Development Center (*Nanocellulose Production*) and Advanced Structure and Composites Center (*Cross Laminated Timber, Offshore Wind, Wind/Wave Tank Facility, Nanocellulosic Composites*).

5 – 9 p.m. – EVENING RECEPTION – Happy Hour – Silent Auction/Live Auction with Jim Robbins, Auctioneer Extraordinaire! Banquet and Awards Ceremony.

[\(Download annual meeting registration form\)](#)



NASA's HIAD (Hypersonic Inflatable Aerodynamic Decelerator) is a nose-cone-mounted inflatable structure consisting of multiple, concentric, nitrogen-filled tori that is designed to decelerate and protect spacecraft during atmospheric re-entry. NASA successfully demonstrated HIAD on a small-scale, but their models were not aligning with expectations. The UMaine Composites Center was engaged by NASA to validate a model that will facilitate optimized HIAD designs to deploy on critical missions with confidence.



UMaine's Composites Center completed static strength testing of a 56-meter (184-foot) wind turbine blade for Gamesa, a global technological leader in the wind industry, based in Spain. The Gamesa blade was the largest tested to date at the center. The full-service facility offers testing and material characterization services for every stage of blade development.