

Registration: \$445 for 1-3 registrants from one company, \$395 for 4-8 registrants, \$345 for 9 or more registrants. Early registration ends on July 22nd, 2018. After then, add \$50.00 to each rate. The registration fee includes all course materials, CEU certificate, daily continental breakfast, lunch and refreshment breaks.

You can register for this short course by:

- Calling: Teresa McCoy at 540-231-8220
- Visiting: unitload.vt.edu/education/continuing-education and clicking the registration link

Lodging: A block of rooms has been reserved for short course attendees at the Hyatt Place in Blacksburg, VA. It is located only a few miles from where the short course will be held. More information can be obtained by calling the Hyatt Place at 540-552-7500 and asking about the rooms reserved for the Department of Sustainable Biomaterials. These rooms will be held until July 20th, 2018.

Location: Brooks Forest Product Center, Virginia Tech, 1650 Research Center Dr. Blacksburg, VA 24061

Brooks Forest Products Center
1650 Research Center Dr.
Blacksburg, VA 24061
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Wood Pallet Design and Performance Short Course

August 21st-23rd, 2018



**THE CENTER FOR PACKAGING
AND UNIT LOAD DESIGN**

Virginia Tech

"Pallet Design for the 21st Century"

Who should attend?

Pallet design is an integral part of the material handling system. Wood pallet suppliers, sales professionals, professionals responsible for pallet purchases, packaging engineers and pallet specifiers will all benefit from an understanding of how to design pallets that will last longer and perform better.

Short Course Agenda

Day 1: 2:00 p.m. - 5:00 p.m.

- Effects of pallet design and selection on materials handling costs.
- Tour the laboratories of the Center for Packaging and Unit Load Design.

Day 2: 8:00am - 5:00pm

- Effects of wood materials on pallet performance.
- Fundamentals of new and remanufactured stringer class pallet design: including pallet part grades and fastener specifications.
- Practice designing stringer class pallets using PDS.
- Fundamentals of block class pallet design.

Day 3: 8:00am - 12:00pm

- Practice designing block class pallets using PDS.
- Case Studies

What is the short course about?

This intensive three-day short course will teach techniques that pallet designers can use to save money when designing pallets by considering the interactions between all of the components of the material handling system. The course will use a state-of-the-art pallet design software called "Pallet Design System" (PDS) to better demonstrate the steps that go into the pallet design process. You will also be taken on a tour of a working, state of the art, pallet testing laboratory!

Dr. Laszlo Horvath is the Director of the Center for Packaging and Unit Load Design at Virginia Tech. He also teaches package engineering and pallet design to both undergraduate and graduate students. His research areas include the analysis of interactions between the components of unit loads and the development of bio-based and sustainable packaging materials. Dr. Horvath is one of the 50 ISTA Certified CPLP professionals, a member of various ASTM, ANSI, and ISTA committees.

Dr. Brad A. Gething is the Director of Science and Technology for the National Wood Pallet and Container Association (NWPCA). Dr. Gething's role includes participation in various standards bodies, promotion of research and development, and support on other technical issues related to the wood packaging industry. He also serves as a point of contact for "Pallet Design System" (PDS) software support.