



SEAOAL 6th Annual State Conference & Expo

It's all about WOOD

THURSDAY, AUGUST 18, 2016
TOTAL OF 6.5 PDHS (APPROVED IN AL & FL)

8:00 a.m. — 8:15 a.m.	Registration & Morning Expo
8:15 a.m. — 9:45 a.m.	Fire Protection with Examples
9:45 a.m. — 10:15 a.m.	Break & Technology Expo
10:15 a.m. — 11:45 p.m.	AWC Standards Update (2015- NDS,SDPWS,WFCM)
11:45 a.m. — 12:45 p.m.	Business Meeting, Buffet Lunch & Technology Expo
12:45 p.m. — 1:45 p.m.	Engineered Wood Products
1:45 p.m. — 2:00 p.m.	Break & Technology Expo
2:00 p.m. — 3:00 p.m.	Cross Laminated Timber
3:00 p.m. — 3:15 p.m.	Break & Technology Expo
3:15 p.m. — 4:15 p.m.	Shear Wall Design Example using 2015 SDWPS & 2015 WFCM
4:15p.m. — 4:45 p.m.	Special Inspections

Fire Protection Design with Examples

Determining proper code applications for designing for fire-resistance in wood-frame construction can be challenging. This presentation will include code requirements, compliance options, and nuances related to fire-resistance rated assemblies, fire design of exposed wood members, and flame-spread performance of wood products.

AWC Standards update (2015 NDS, 2015 SDPWS, 2015 WFCM)

AWC's 2015 *National Design Specification® (NDS®) for Wood Construction*, 2015 *Special Design Provisions for Wind and Seismic (SDPWS)*, and 2015 *Wood Frame Construction Manual (WFCM)* standards are referenced in US model building codes and used to design wood structures worldwide. This presentation will provide an overview of changes in the 2015 NDS, SDPWS, and WFCM relative to previous editions.

Engineered Wood Products

This course is an introduction to the ever-growing family of traditional and engineered wood products (EWP). Products covered are lumber, glued-laminated timber (glulam), structural composite lumber, wood I-joists, and wood structural panels.

Cross Laminated Timber

Cross laminated timber (CLT) is an engineered wood building system designed to complement light- and heavy-timber framing options. This presentation will introduce CLT with a series of project examples that demonstrate its use and associated benefits in a range of applications.

Shear Wall Design Example using 2015 SDWPS and 2015 WFCM

This course will outline several resources available for shear wall design and compare design results. Prescriptive approaches such as those outlined in AWC's 2015 *Wood Frame Construction Manual (WFCM)* for One- and Two-Family Dwellings and 2015 *WFCM High Wind Guides* tend to provide conservative results. Engineered approaches such as those outlined in AWC's 2015 *Special Design Provisions for Wind and Seismic (SDPWS)* typically result in more efficient designs.

Special Inspection

This presentation provides background on special inspections for wood construction in addition to discussion on related topics such as fabricated wood components, special inspections for lateral resistance and structural observation as it pertains to the 2012 IBC and the 2015 IBC.

Seminar Instructors

John "Buddy" Showalter, P.E. — Vice President, Technology Transfer

Buddy Showalter joined the American Wood Council (AWC) staff in 1992 and currently serves as Vice President of Technology Transfer. His responsibilities at AWC include oversight of publications, website, helpdesk, education, and other technical media. He is also a member of the Editorial Boards for *Wood Design Focus*, published by the Forest Products Society, and *STRUCTURE* magazine, published jointly by NCSEA, ASCE/SEI, and CASE. Prior to joining AWC, Showalter was Technical Director of the Truss Plate Institute. He is a graduate of Virginia Tech.

Jeff Peters, P.E. — Technical Advisor in Design & Construction Services for Woodworks

Jeff received his Bachelor's Degree in Civil Engineering with a structural emphasis from the University of Florida in 2007; he also holds a Certified General Contractor's license and was previously the owner of a small business. Jeff has a diverse background that includes structural design, inspection and quality control of structures ranging from mid-rise buildings to sporting venues.

REGISTRATION FORM

Please print legibly. Companies with multiple attendees, please fill out a form for each person.
No refunds will be given after August 11th

Name	Company	
Address	City	Zip
Email	Phone	Cell

Registration received by Thursday, August 10, 2016

- SEA Member \$ 195 X _____ = \$ _____
- Non Member \$ 235 X _____ = \$ _____
- Exhibitor \$ 130 X _____ = \$ _____



Late Registration: August 11 - August 18, 2016

- SEA Member \$ 205 X _____ = \$ _____
- Non Member \$ 250 X _____ = \$ _____
- Exhibitor \$ 155 X _____ = \$ _____

Registration includes breakfast, lunch, snacks, coffee bar and expo hall.

To join SEAoAL

SEAoAL Membership Registration

- Professional \$ 85 X _____ = \$ _____
- Associate \$ 40 X _____ = \$ _____
- Student \$ 15 X _____ = \$ _____
- Affiliate \$150 X _____ = \$ _____
- TOTAL: \$ _____

If paying by check, make checks payable to:

SEAoAL

Mail check and registration form to:

**Structural Engineers Association of Alabama
P.O. Box 660584
Birmingham, AL 35266-0584**

Email registrations to:
rhea@karmamanagementinc.com

Rhea Williams
Executive Director, SEAoAL

SEMINAR LOCATION

Southern Museum of Flight
4343 73rd St. North
Birmingham, AL 35206
205-833-8226
www.southernmuseumofflight.org

SEAoAL membership is open to all structural engineers and companies affiliated with the structural engineering profession. For more information about SEAoAL membership (professional, associate, student, retired or affiliate), please contact Rhea Williams, Executive Director, at 205-601-2345 or by email at rhea@karmamanagementinc.com