



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
2023 Mixed-Topics - Live In-Person - Chicago
/Oakbrook, IL
Tuesday, March 07, 2023
Maggiano's Little Italy - Chicago Oak Brook
Terrace
240 Oakbrook Center , Oak Brook, IL 60523



07:45 AM [Registration & Continental Breakfast](#)

08:00 AM **Western Red Cedar, Distinctive Sustainable Design**

The Western Red Cedar Lumber Association (WRCLA) is a Non-Profit trade association that was established in 1954. We offer training to discerning users of WRC including the architect community. Western Red Cedar Distinctive Sustainable Designs is a one-hour, face-to-face training session developed for the architect community and provided by WRCLA qualified trainers. Through this one hour session, architects will increase their knowledge of WRC; its' properties and performance characteristics.

Paul Mackie
Western Red Cedar Lumber Assn (WRCLA) Provider #: G422
AIA #:WRCLA5 HSW | GBCI (USGBC/CAGBC) #:920027450

09:00 AM **Compatibility and Adhesion Problems Between Sealants and Substrates**

Sealants are key in the occupant comfort and health by preventing air, mold, and moisture to penetrate the building. In this course, participants will learn what can result from incompatibility and adhesion problems between various sealants in contact with different substrates.

Matt Klinge
Adfast Provider #: 404109250
AIA #:AdfSubstrate21 HSW | GBCI (USGBC/CAGBC) #:

10:00 AM [Break](#)

10:10 AM [Sponsor: QWEB \(Quebec Wood Export Bureau\) - Eli Gould](#)

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB. When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

10:20 AM **Coating of Aluminum Extrusions**

Provides an overview of aluminum extrusion coatings and includes discussions on the aluminum extrusion process; a comparison of powder and liquid coatings; an overview of the chrome and the chrome-free pretreatment processes; and, the performance objectives of AAMA testing standards.

Taylor Coley
Barrette Outdoor Living Inc. Provider #: J696
AIA #:AG1012020 HSW | GBCI (USGBC/CAGBC) #:

11:20 AM

Understanding Stone Wool Insulation for Interior and Exterior Commercial Building Applications

The course identifies what stone wool insulation is and how it is produced. It will discuss commercial applications of stone wool insulation as well as the key benefits of this insulating material when used in the field versus some of the other insulating materials traditionally used in the North American market today.

Denise Alvera
Rockwool Provider #: K269
AIA #:RWNA221001 HSW | GBCI (USGBC/CAGBC) #:

12:20 PM

Lunch

01:10 PM

Sponsor: [Barrette Outdoor Living Inc. - Taylor Coley](#)

01:20 PM

Durable Timber: Designing for the Life Cycle of Embodied Carbon

Architects have always had to adapt to a variety of performance indicators like energy use for their buildings. Recent years have seen a complex shift towards embodied carbon as an indicator. This shift has occurred without a full understanding of the principles of life cycle analysis (LCA), that go into the data sets for carbon. The rise of mass timber has fueled a broad interest in wood and bio-sourced building materials as a potential carbon storage solution. However, there is a real difficulty of capturing complex and regional variations in the simple frameworks of most carbon comparisons. There are competing agendas, methodology, and data presented to specifiers from all sides. Even the best advocates for timber must be humble about the range of variables while defending their choices of regenerative natural building materials. This course starts by helping the modern architectural practice to understand key definitions and principles of carbon calculation metrics and life cycle analysis. It then moves into specific comparisons that highlight the unique attributes of wood, with learning objectives demonstrating the effect of design for durability and biogenic carbon.

Eli Gould

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QWEB (Quebec Wood Export Bureau) Provider #: 502111360
AIA #:DurableTimber HSW | GBCI (USGBC/CAGBC) #:920027550

02:20 PM

Revolution in Solutions for Concrete Cure, Finish, Flatness and Moisture Control

This program explores the many uses of integrally troweled cure products to solve practical and common problems frequently occurring in buildings, roads and specialized industrial and municipal complexes. Such as moisture damage to floor coverings, control joint curling, delamination and abrasion resistance.

Tom Hollis
Green Umbrella Provider #: 40107769
AIA #:GURevCon HSW | GBCI (USGBC/CAGBC) #:

03:20 PM

Elevating Design

Design professionals, general contractors, owners or facility manager will gain a thorough understanding of the top five challenges inherent to flexible spaces (using operable walls). They will also be shown examples of how to address them.

Ryan Watson

Skyfold Provider #: J756

AIA #:SKY 0007 HSW | GBCI (USGBC/CAGBC) #:

04:20 PM

End



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