



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Building Green: Products That Support  
Sustainable Design - Eastern Time Zone  
Tuesday, March 28, 2023



08:00 AM [Welcome, Credits, and Certificates](#)

08:05 AM **Low Voltage Design Strategies for Collaboration Spaces**

In today's building spaces, the need for meeting with unique teams in various types of collaborative environments is critical for the best user experiences. This course will share challenges associated with the designs of these rooms focusing on stakeholder input, design, layout and implementation. Topics include furniture choice and placement, technology integration (including web cameras, room acoustics & modern video displays with wired & wireless configurations), connectivity. Examples of spaces and solutions to these challenges will be offered throughout the presentation.

Glenn Collinge  
FSR Inc Provider #: J721  
AIA #:FSR726 HSW

09:05 AM [Review of Session Code Process](#)

09:10 AM **Understanding Wood Aesthetic Cladding and Soffit Technologies**

This learning unit will provide an in-depth overview of current "wood" design technologies natural and synthetic. - Identify current market "wood aesthetic" technologies - Understand the core materials of each technology - Understand the sustainable features and Life Cycle benefits for each technology based on the following criteria: Color Retention, Maintenance & Warranty - Describe the surface burning characteristics and explain how they can be specified to achieve code compliance - Installation Details - Budgetary Information

Yancey Hughes  
Hughes & Associates Provider #: L161  
AIA #:GL2020CS HSW

10:10 AM [Break](#)

10:20 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.

10:30 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

11:30 AM

## High-Performance Glass and Aluminum Building Envelopes

This course provides a comprehensive understanding of the glass-aluminum building envelope featured in high-rise construction. We'll review the three main- types of curtain walls and the installation process for each. Design and functionality will be addressed specific to project objectives along with the environment-conscious benefits of using glass and aluminum. Lastly, the course will review how to avoid moisture, temperature, and other pitfalls and failures in curtain-wall installation.

Dmitry Avramenko

Alumin Techno (Alutech) Provider #: 404109291

AIA #:AluTech23 HSW | GBCI (USGBC/CAGBC) #:920027583

12:30 PM

Lunch

01:10 PM

Sponsor: [LAMCO Forest Products - Dominic Cholette](#)

01:20 PM

## Acetylated Wood: Discover the Difference for Siding, Decking, and More

This course discusses the process of wood acetylation, the resulting changes to wood, applications for acetylated wood, its green credentials and a number of case studies involving acetylated wood.

Mike Lee

Head of Sales of Accsys North America.

Accsys Technologies - Titan Wood Inc. Provider #: K382

AIA #:Accoya2020 HSW | GBCI (USGBC/CAGBC) #:920022858

02:20 PM

## Wood Glazed Facades in Net-Zero and Passive Buildings

Architects and LEED professionals understand the numerous benefits of building with wood. But, many are unaware of its application in a timber curtain wall (TCW). Today's technology provides opportunities to incorporate the beauty and energy-efficiency of wood into glazed facades that not only bring the outdoors in but also serve as the building's heavy lifter. This course will present the differences between a conventional curtain wall and a timber curtain wall (TCW) including load-bearing and non-load-bearing capabilities as well as net-zero and passive building. We will also show example of projects using TWC.

Luc Paquet

Unicel Architectural Corp Provider #: 404109249

AIA #:IC2tech2020 HSW | GBCI (USGBC/CAGBC) #:920019926

03:20 PM

End



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