



ATS CONTINUING EDUCATION SEMINAR  
Cleveland, OH, - Wednesday, September 4th,  
2019  
Wednesday, September 04, 2019  
Hilton Garden Inn Cleveland Downtown and  
Gateway Conference Center  
1100 Carnegie Avenue , Cleveland, OH 44115



07:45 AM **Registration & Breakfast**

08:00 AM **Sound Control in Construction 18 old**

This course defines the importance of sound control in the building industry where proper design can help avoid Litigation & Remediation. We will discuss building code criteria including the International Building Code (IBC-1207) and the International Residential Code. We will Identify areas where sound control is necessary for wall & floor/ceiling assemblies. We will then offer an explanation of terminologies including: STC, IIC, NRC, Use Patterns and Flanking Sound. The mechanisms of sound transmission and its attenuation will be discussed including: Mass, Double Leaf Construction, Field Damped Mass, Decoupling, Unbalancing, Coincidence Effect and Sound Masking.

Rob Fohl

Homasote Provider #: J582

AIA #:Soundatten18 HSW | GBCI (USGBC/CAGBC) #:920007666

09:00 AM **Coating of Aluminum Extrusions 2018-2021**

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 #:AG101 HSW | GBCI (USGBC/CAGBC) #:920017985

10:00 AM **Break**

10:15 AM **Integrally Troweled Cure & Polished Concrete**

This program addresses the need to properly cure and finish concrete. Discusses the current ACI recommendations and the new technology that allows dramatic time savings while Increasing quality of the finished product. Education in advanced concrete technology with the use of the power trowel alone to create a unique architectural concrete floor. Education in advanced methods to expose aggregate and ultra high gloss are also shown. This unique system also eliminates moisture loss which reduces cracking and seals the surface so effectively there may be no additional need for moisture mitigation.

Jean-Christophe Gaudette

Green Umbrella Provider #: 40107769

AIA #:AIACESGU103-21 HSW | GBCI (USGBC/CAGBC) #:

11:15 AM **Wood Products on Exterior Envelope - Solutions to assure Stability, Durability & Sustainability.**

How do you increase the durability of your exterior envelope? What is considered today's best installation practices? What are the differences between popular wood treatment methods? Windsor Mill's AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Devin Darnell

WindsorONE Provider #: T109

AIA #:WindsorExt1 HSW | GBCI (USGBC/CAGBC) #:920012039

12:15 PM **Lunch**

01:15 PM

### **Moisture Management for Multi-Family, Mix-Use and Light Commercial**

Moisture damage contributes to 90% of all building and building material failures; making the management of moisture key to building longevity. The course will discuss the movement of moisture, cover some key design issues, a better and best solution for moisture control, and how to integrate moisture control with exterior continuous insulation. After the course participants will have more tools for wall detailing.

#### **Learning Objectives:**

- Describe how moisture impacts building durability and define the mechanics of moisture movement.
- Identify common design details that can cause issues for moisture management.
- Write better specifications for moisture control utilizing better and best methods and have ASTM standard to reference for flashing openings.
- Understand the integration of a moisture control layer with exterior continuous insulation.

Tom Feret

Tamlyn Provider #: 40117877

AIA #:TAM2015 HSW | GBCI (USGBC/CAGBC) #:920017351

02:15 PM

### **Vinyl & Aluminum Railing Systems**

The architect will learn what aluminum and structural vinyl railing systems are, how they are used in the building industry as well as the differences between ADA compliant, building code compliant and building code approved railing systems. Attendees will also be educated on the aesthetics, maintenance, safety, and security of aluminum and structural vinyl railing systems.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:ENDL8 HSW | GBCI (USGBC/CAGBC) #:

03:15 PM

Break

03:30 PM

### **Get Inspired! Design Smarter, Safer, and Greener with Innovation in Wood-Framed Construction**

Wood is a frequently overlooked building material for light-medium-commercial construction including mid-rise, multi-family, and mixed-use projects. This course features several North American examples that highlight the surprising capabilities of this natural resource. Many architects, engineers, and project owners often default to steel and concrete instead of wood for wall, floor, and roof assemblies. This course outlines: - common misconceptions and capabilities of code-approved wood applications. - the environmental and structural benefits of this sustainable natural resource. - the virtues of wood when engineered for pre-cut and pre-assembled components. - how wood applications integrate with building codes, construction techniques, and technical support. - how choosing wood first contributes to on-time and on-schedule projects with significant cost savings.

Jean-Christophe Gaudette

QWEB (Quebec Wood Export Bureau) Provider #: 502111360

AIA #:QWEB01 HSW | GBCI (USGBC/CAGBC) #:920014585

04:30 PM

### **Use of Snow Retention Devices: Science or Science Fiction ?**

Discover the art and science of snow control and its effects, such as snow migration on rooftops of structures. Learn about the common myths and misperceptions regarding snow retention, as well as the do's and don'ts of retention devices, product selection, and site specifics.

Shelly Higgins

S-5! Attachment Solutions Provider #: 40107851

AIA #:MRIL1410 HSW | GBCI (USGBC/CAGBC) #:920007661

05:30 PM

End of Program



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