



ATS CONTINUING EDUCATION SEMINAR  
Baltimore, MD - Wednesday, June 14th, 2017  
Wednesday, June 14, 2017  
Grand Historic Venue - 4th Floor - Doric room  
225 n charles st , Baltimore, MD 21201



07:45 AM **Registration & Breakfast**

08:00 AM **Moisture in Concrete**

This program addresses the many sources of moisture in concrete, reviews the available methods for evaluating moisture emissions, how moisture affects concrete and flooring, how to prevent costly moisture-related floor covering failures and remediation options. It also includes correct placement of vapor barriers, curing times for concrete, modes of water movement through concrete, and flooring manufacturer recommended moisture levels for floor covering.

Kate Wall

Ardex Americas Provider #: J511

AIA #:AEC003 HSW | GBCI (USGBC/CAGBC) #:920008854

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 **Managing Condensation and Thermal Performance with Continuous Insulation**

Building codes and green building standards are continuing to raise the bar on energy efficiency and high performance in buildings. In wood-framed buildings designing for thermal and moisture management in wall cavities, as well as the air tightness of the building enclosure, are all core components to creating advanced building enclosures. This presentation will discuss the need for exterior insulation to manage heat transfer and reduce condensation in exterior walls by providing step-by-step examples of how to determine the amount of continuous insulation required to meet prescriptive code requirements depending on climate zone.

Ryan Stephenson

Huber Engineered Woods Provider #: K094

AIA #:HEW 503 HSW | GBCI (USGBC/CAGBC) #:920012802

11:15 AM **Elevator Technology**

With urbanization on the rise, the vertical transportation industry is challenged more than ever to provide eco-efficient, cost-saving, and space-saving solutions. This session will cover the history of elevator technology and compare conventional applications with today's technological advancements, enabling attendees to critique the risks and disadvantages of dated technology and identify the advantages of newer technology. In particular, attendees will learn about both recent developments and future trends concerning machine-room-less (MRL) elevators. The presentation will address design benefits, installation and ownership costs, and LEED contributions.

Ty Jewell

Kone Inc. Provider #: J575

AIA #:Kone0001\_A2 HSW | GBCI (USGBC/CAGBC) #:920007673

12:15 PM **Lunch**

01:15 PM

### **Integrally Troweled & Cured Concrete - OLD**

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.

Fred Stiles

Green Umbrella Provider #: 40107769

AIA #:AIACESGU103 HSW | GBCI (USGBC/CAGBC) #:920008002

02:15 PM

### **Spray Foam in Commercial Design**

Participants of this course will learn about the types of polyurethane spray foams in the market and how they can be incorporated into commercial construction projects to create high performance building. · Participants can describe the effect of the building code on spray foam insulation. · Participants can describe the effect of spray foam on the indoor environment. · Participants can explain the impact of spray foam on a building's energy performance. · Participants can explain the life cycle analysis of spray foam and payback periods.

Robert Naini

Huntsman Building Solutions Provider #: J593

AIA #:SPF201 HSW | GBCI (USGBC/CAGBC) #:920010268

03:15 PM

[Break](#)

03:30 PM

### **Fire Rated Hollow Metal Frames**

Participant will develop a better understanding of fire rated hollow metal frames. Seminar includes discussions about solutions and applications.

Learning objectives:

Describe the characteristics of the product.

Determine the different options available.

Expose the benefits and the limitations of each option.

Select the right product for the right application.

Guillaume Gauthier

De La Fontaine Provider #: T288

AIA #:HMF001 HSW | GBCI (USGBC/CAGBC) #:920013016

04:30 PM

### **American Hardwoods and their Role in Carbon Neutral Design**

This is an hour long course that begins with a look at Hardwoods' basics. It then presents the science surrounding hardwoods; the significant role they play in the environment and finally, as a material choice, discusses their importance in sustainable building. At the conclusion of the session attendees can be confident knowing that when they choose North American hardwoods, they are selecting a quintessentially green material that is ever-renewing, abundant and sustainable.

Jean-Christophe Gaudette

HMA - Hardwood Manufacturers Association Provider #: G502

AIA #:082013 HSW | GBCI (USGBC/CAGBC) #:920017986

05:30 PM

[End of Program](#)



**EDUCATION  
PARTNER**

**AIA**  
Continuing  
Education  
**Provider**