



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

08:00 AM **Eliminating Concrete Moisture through Sustainable Design**

Few aspects of the design process are conducted in “silos” as disassociated from one another as how many projects approach interior concrete slab specifications and subsequent flooring specification sections. This is not done intentionally, rather it is by-product of lack of coordination, and fundamental misunderstanding, between those involved with the structural elements and those involved with the aesthetic and finishing elements. During this presentation, we will discuss sustainability and what it means; drawing the attendee into a clear discussion of how sustainability relates to LEED, Lean Construction, Green Building, and process improvement. Inconsistencies with current specification processes related to concrete moisture as compared to the tenets of sustainability will be exposed, with clear recommendations given as to how the specifying professional can resolve those disconnects.

Dean Craft
ISE Logik Industries Provider #: 404108239
AIA #:ISL03K HSW

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 **Roofing System Selection and Design (Low-Slope)**

This course will provide a comprehensive review of available roofing systems including the criteria for roof selection. Participants will review code requirements, designing for weather, and optimal system performance. Roof materials will be explained including the energy and environmental benefits of a cool-roof design and vegetative systems.

Carly Rocco
Johns Manville Provider #: K022
AIA #:005 HSW | GBCI (USGBC/CAGBC) #:920006159

11:15 AM **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

12:15 PM [Lunch](#)

01:15 PM

Sintered Compact Surfaces for Building Facades - NeolithFacades

Materials used on building facades need to withstand many things, including water, wind, sunlight, and sometimes severe weather conditions. They also need to hold up to the effects of people who may inadvertently or even intentionally cause damage. Choosing a material to use for a facade is certainly influenced by the ability to hold up over time but also by the available size and weight, not to mention the appearance, of the material. Being able to install it in a manner that is efficient and cost-effective usually rounds out the criteria for selecting a building material for building facades. There is one new product category that will be the focus of this course, namely sintered compact surfaces that can be used for curtain walls, rain screens, siding applications, and other common wall systems for both residential and commercial buildings.

Travis Conrad

TheSize Surfaces USA LLC Provider #: 40108005

AIA #:Facade2020 HSW | GBCI (USGBC/CAGBC) #:920015352

02:15 PM

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.

Jean-Christophe Gaudette

WindsorONE Provider #: T109

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

03:15 PM

Break

03:30 PM

Working through the details:Storefront Vs. Curtain Wall

This course will explain the differences between storefront and curtain wall designs and functions while exploring the areas of performance, cost, and applications. This session will allow the participant to discover new materials and methods, reinforcing the design intent while enhancing the architectural viewpoint.

Jean-Christophe Gaudette

ATS Seminar - America Training Solutions Provider #: 406119285

AIA #:KRH-1 HSW | GBCI (USGBC/CAGBC) #:920010541

04:30 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.

Chris Bring

Huntsman Building Solutions Provider #: J593

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

05:30 PM

End of Program



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