



AIA CONTINUING EDUCATION SEMINAR
Atlanta, GA - Thursday, November 14th, 2019
Maggianno's Little Italy Buckhead/Atlanta
3368 Peachtree Rd NE, , Atlanta/Buckhead, GA, 30326
Building Envelope

07:45 AM - 08:00 AM **Registration & Breakfast**

08:00 AM - 09:00 AM **AIA#:SPF201, USGBC#:0920010268 - Spray Foam in Commercial Design**
Provider:Demilec **Presenter:** Grant Ostvig
CREDIT TYPE: HSW -- 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.

09:00 AM - 10:00 AM **AIA#:MAP 059, USGBC#:0920015394 - Intro to Moisture Mitigation**
Provider:MAPEI Corporation **Presenter:** John Lukas
CREDIT TYPE: HSW -- An in-depth understanding of moisture issues in concrete slabs and the deleterious effect of a high moisture vapor emission rate (MVER) on flooring finishes. The presentation will address "sick building syndrome" caused by excessive concrete moisture vapor emissions; the various industry-approved methods for testing of MVER and for generating accurate data; conditions that generate excessive moisture in slabs and how to resolve them; how MVER barrier technology works, and how and when to specify it; and ICRI's certification program for moisture-testing technicians – the only certification program in the industry.

10:00 AM - 10:15 AM **Break**

10:15 AM - 11:15 AM **AIA#:MRIL1611, USGBC#:0920011504 - Improving Wind Uplift on Metal Roofs**
Provider:S-5! Metal Roof Innovations, Ltd. **Presenter:** Shelly Higgins
CREDIT TYPE: HSW -- Discover the art and science of wind control and wind uplift on metal roofs and metal structures. Learn about wind uplift requirements, testing and proper wind mitigation specification techniques, as well as metal roof options and accessories to improve wind uplift characteristics.

11:15 AM - 12:15 PM **AIA#:NeolithFacades, USGBC#:920015352 - Sintered Compact Surfaces for Building Facades**
Provider:The Size Surfaces USA **Presenter:** Travis Conrad
CREDIT TYPE: HSW -- 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.

12:15 PM - 01:15 PM **Lunch**

01:15 PM - 02:15 PM **AIA#:GLWPC001, USGBC#:0920005727 - Composite Wood Products in Cladding and Architectural Trim**
Provider:Hughes & Associates - Geolam **Presenter:** Yancey Hughes
CREDIT TYPE: HSW -- Wood-plastic composite products offer a compelling alternative to traditional wood cladding and architectural trim. These products replicate the look of natural wood but offer superior color retention and life-cycle performance while requiring little to no maintenance. This learning unit will provide an overview of wood-plastic composite cladding and trim, with an emphasis on the sustainability benefits.

02:15 PM - 02:30 PM **Break**

02:30 PM - 03:30 PM **AIA#:AIACESGU103, USGBC#:0920008002 - Integrally Troweled Cure & Polished Concrete Floors: A Green & Sustainable Method**
Provider:New Green Umbrella **Presenter:** Fred Stiles
CREDIT TYPE: HSW -- 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.

03:30 PM - 04:30 PM **AIA#:MIRL1805, USGBC#: - Selecting and Designing Rooftop Accessories**
Provider:S-5! Metal Roof Innovations, Ltd. **Presenter:** Chris Lafferty
CREDIT TYPE: HSW -- Discover the correct selection, specification, engineering, and design process to create safe and permanent roof attachments for various needs. Learn how to properly identify rooftop thermal cycling for differing roof covering materials and manage the correct installation process. Identify correct installation practices of any rooftop penetration to maintain weathertightness warranties and develop remedies for incorrect installation. And, learn how to meet local and national building code requirements and other safety specifications for various rooftop accessories.

04:30 PM - 04:30 PM **End of Program**

CERTIFICATE DOWNLOAD PROCEDURE

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