ATS CONTINUING EDUCATION SEMINAR
Mixed Topics - Live In-Person - Orlando, FL
Thursday, December 08, 2022
Maggiano's Little Italy Point Orlando
Pointe Orlando, 9101 International Dr #2400 ,
Orlando, FL 32819

08:00 AM Welcome, Credits, and Certificates

08:10 AM **Exterior Tile installations "Tiling the Great Outdoors"**
This session will discuss industry standards and guidelines regarding exterior tile installations. Participants will be shown how to plan for a successful installation. They will learn how to specify industry standards that are relevant to exterior installations. Participants will also have a good understanding on how to select proper materials for the job while taking environmental conditions into consideration.
Luis Roman
MAPEI Corporation Provider #: J163
AIA #:MAP054 HSW | GBCI (USGBC/CAGBC) #:

09:10 AM **Codes & Standards Related to Hollow Metal Doors & Frames**

In our industry, we are challenged every day to deliver quality products and services in a timely manner. Details are quite often making the difference between a successful project and costly mistakes. This presentation will give you an added confidence when selecting, specifying and approving hollow metal doors and frames in regards to the above codes and standards.

René Bouchard
De La Fontaine Provider #: T288
AIA #:3CodesHMDF22 HSW | GBCI (USGBC/CAGBC) #:

10:10 AM Break

10:20 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 | GBCI (USGBC/CAGBC) #:

11:20 AM **Rigid Insulation Product Knowledge & Uses**

This course will review an in-depth breakdown of the current uses of rigid insulation in the construction industry. The attendees will learn more about the differences of rigid insulation products and the recommended uses of each product type. Discussion points to include the changes of the current energy codes and the requirements for the use of continuous insulation in the majority of future projects. The participant will be able to better evaluate their current building assemblies and understand the requirements that are dictated by current codes.

Lee Bybee
Ox Engineered Products Provider #: 40107972
AIA #:OXAIA401 HSW | GBCI (USGBC/CAGBC) #:920011917

12:20 PM Lunch

01:10 PM **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 | GBCI (USGBC/CAGBC) #:

02:10 PM **Understanding Advanced Wall Systems with Continuous Insulation**

This session explores evolving trends in building enclosure technology, and subsequent changes in energy efficient building design; with especial focus on the role of continuous exterior insulation (CI). The net energy savings realized in a properly insulated building are by now well understood, and these savings are increasingly being required by stringent local building and energy codes. Current building science research and field monitoring data will be presented, to demonstrate how the effective R value of various insulating materials perform and change in differing regional climates, temperature ranges, and seasonal conditions. Strategies for designing and constructing highly insulated and cost effective wall assemblies while still minimizing thermal bridging are also discussed.

Jon Ram
Rockwool Provider #: K269
AIA #:RWNA202 HSW | GBCI (USGBC/CAGBC) #:920023529

03:10 PM Break

03:20 PM **2 Hours FLORIDA ADVANCED CODE COURSE: “How the 2020 (7th Ed) FL Building Code and ASTM Standards Make Stucco Work in Florida”**

This course takes a deep dive into the specific IBC/IRC and Florida Building Code regarding proper design and application of Exterior Stucco. It first reviews and explains the ASTM C926 and C1063 standards that are the basis of the stucco and lath application standards in the code. It highlights the specific climatic concerns of the warm/humid Florida environment and teaches the proper design for building envelope water management using the ASTM E331 water resistance test listed in the building code. Then using a specific example, the course details and explains the methodology of calculating and designing a wood framed exterior stucco assembly for the proper wind resistance necessary for the Florida hurricane prone climate using ASCE 07 and the ASTM E330 structural wind resistance test in the building code. The course lays out the proper fastening needs for the wind loads and the proper use of sealed face barrier systems to mitigate the water intrusion. Finally, the course suggests options for warranting the envelope and providing a long-term maintenance schedule.

Harry J. Lubitz
UGL – United Gilsonite Laboratories, Inc Provider #: 404108947
AIA #:UGL 0821 HSW | GBCI (USGBC/CAGBC) #:

05:20 PM End

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