



ATS CONTINUING EDUCATION SEMINAR  
Mixed-Topics - Miami, FL  
Tuesday, April 09, 2024  
Hampton Inn by Hilton Miami-Coconut  
Grove/Coral Gables  
2800 SW 28th Terrace , Miami, FL 33133



07:45 AM Registration & Continental Breakfast

08:00 AM Welcome, Credits, and Certificates

08:05 AM **The Benefits of 100% Offsite Fabricated Stainless Steel Railing Systems**

Explore the advantages of integrating 100% offsite fabrication into the design of the ornamental railing you specify in your architectural projects.

When compared to local fabrication, Offsite fabrication of custom-designed railing systems not only dramatically improves product quality, it also minimizes project waste, reduces product costs, and streamlines construction processes. *Offsite Fabrication = Value Engineering!*

In this presentation you will learn how architects, designers, and engineers can reduce overall project costs and improve project outcomes by specifying architectural products which have been custom-designed to precisely fit each project, and then prefabricated to completion offsite, while helping builders and contractors achieve greater efficiency.

Milena Martinez Vega

Marketing Lead | Brand Strategist Milena Martinez Vega is a passionate professional with a deep understanding of prefabricated railing systems and the advantages offsite fabricated stainless steel railing systems bring to architectural projects. As former "amazonian", she served at Amazon Web Services (AWS) as a Project Manager in the Public Sector for Latin America, Caribbean and Canada Regions. Originally from Barcelona, Spain, Milena moved to the United States in 2009 in pursuit of her career aspirations. With a Keen eye for aesthetics and a passion for design, she joined AGS Stainless, a renowned manufacturer of custom-designed stainless steel railing systems, in 2014. Over the years, Milena's curiosity and enthusiasm have driven her to explore various roles within AGS Stainless, and currently serving as a Brand Strategist and Marketing Lead. Her attention to detail and commitment to excellence have earned her recognition within the organization.

AGS Stainless Inc. Provider #: 404108593

AIA #: PRSv2 HSW

09:05 AM Review of Session Code Process

09:10 AM **How It's Made: Today's PVC**

PVC products have been around for 100 years. They're common in the construction industry because of their durability and long life. But old PVC manufacturing practices still cause concern for some of today's specifiers. This course will address those concerns head-on. We'll talk about today's manufacturing processes and how recycling is transforming the industry. You'll see how PVC resin becomes a strong and beautiful product using the example of vinyl fencing. With the understanding of today's regulations, collaboration, and green-building practices, you'll have the confidence to specify today's PVC products.

Taylor Coley

Oldcastle APG Provider #: J545

AIA #: TodaysVinyl27 HSW | GBCI (USGBC/CAGBC) #: 920029469

10:10 AM Break

10:20 AM

### **Reviving The Lost Art of Moldings**

Why does a room feel right when you walk into it? What's the significance of scale and proportion? Have we lost our "design" roots? This AIA continuing education program touches on these issues and more, looking back to the Greek's, the evolution of moldings, and why they make such an impact on any building project. Understand why moldings play such an important role in the design of structures, making them ascetically pleasing while creating an emotional response.

Bull Van Sickle  
WindsorONE Provider #: T109  
AIA #:001 HSW

11:20 AM

### **Managing Condensation, Water Intrusion and Energy in the Real World-1**

Window opening air and water leakage has been a difficult problem for the construction industry. This course evaluates building failures, conventional construction approaches, and new developments in waterproofing techniques to show a path forward for designers seeking higher-performing wall assemblies.

Guy Long  
Prosoco Provider #: J388  
AIA #:PRO014-1-22 HSW

12:20 PM

Lunch

01:00 PM

### **How the Building Code and ASTM Standards Make Exterior Portland Cement-Based Plaster (Stucco) Work in Florida**

This course is designed as a 2 hour Florida Code Compliance course. It 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 E330 water resistance test listed in the building code. Then using a specific example city, the course reviews and explains the methodology of calculating and designing the assembly for the proper wind resistance necessary for the Florida hurricane prone climate using ASCE 07 and the ASTM E331 structural wind resistance test in the building code. Finally, 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.

Harry Lubitz  
ISE Logik Industries Provider #: 404108239  
AIA #:AFBCStucco2hrs HSW

03:00 PM

Break

03:10 PM

### **Thermally Modified Wood as a Sustainable, Biophilic Product Choice for Architects and Designers**

This course examines the use of thermally modified woods in sustainable building practices. Through this course, participants will gain a comprehensive understanding of the thermally modified wood process, its environmental benefits, and its applications in architectural design. We will explore the science behind thermal modification, its impact on wood properties, and its advantages over traditional wood treatments. Additionally, the course will address key considerations for specifying, installing, and maintaining thermally modified wood products, equipping attendees with the knowledge needed to incorporate this innovative material into their projects. Discover how thermally modified woods are reshaping the landscape of sustainable construction and contributing to a greener future.

Lisa Ayala

GMX Group Provider #: 10093159

AIA #:GMXThermWood27 HSW | GBCI (USGBC/CAGBC) #:0920029828

04:10 PM

### **Introduction to Winding Drum Panoramic Home Elevators**

This course is an introduction to winding drum drive panoramic residential elevators and provides an overview of the features and design applications. This session will cover technical aspects and benefits of this type of elevator as well as applicable code and regulation requirements.

Kyle Filer

Savaria Concord Lifts Provider #: 40107405

AIA #:AIASAV30X HSW

05:10 PM

End



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PARTNER**

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Education  
Provider**