ATS CONTINUING EDUCATION SEMINAR
Mixed-Topics Hybrid - Chicago, IL - Live-In-Person + Online
Tuesday, May 12, 2026
Maggiano's Little Italy - Downtown Chicago
111 West Grand Ave , Chicago, IL 60647

07:45 AM Registration & Continental Breakfast

08:00 AM Welcome, Credits, and Certificates

08:05 AM **Bio-Solar Roofs - Combining Green Roofs + Photovoltaic Energy Generation**

Bio-Solar Roofs Combining Green Roofs + Photovoltaic Energy Generation After 4 years of R & D, testing, study and analysis of university research, this presentation will focus on the merits, feasibility and logistics associated with the emerging technology Bio-Solar Roofs, whereby green roofs and PV arrays are combined in synergistic fashion. Presented by affiliates of LiveRoof Global, LLC, a North American leader in green roof technology, with thousands of installations across North America, it is our expectation that designers will gain an understanding of the breadth of merits of green roofs for communities, individuals and the environment. Likewise for on-site solar power generation. And, more importantly designers will understand how the combination of these two technologies is synergistic with energy output increasing because of the combination of the two technologies. Additionally, designers will acquire a greater awareness of the 'ugliness'; visually, environmentally and socially of traditional commercial rooftops and learn how these here-to-for unattractive, hot, impervious surfaces can be transformed into beautiful ecosystems that mitigate storm water runoff and urban heat accumulation, compensate for habitat loss, absorb storm water, provide a positive biophilic response, generate electricity, enhance power resiliency and create jobs. With urban environments getting hotter, energy becoming more costly and health care costs soaring, the concept of a Bio-Solar roof is more relevant than ever.

Richard Dix
LiveRoof Global, LLC Provider #: 10009298
AIA #:5 HSW

09:05 AM *Review of Session Code Process*

09:10 AM **Solving the Concrete Moisture Issue: Commercial, Environmental, and Health Benefits of Impermeable Concrete**

This Program addresses the impact of traditional & impermeable concrete inside & outside the building envelope. It discusses methods to improve durability and consequent sustainability of all concrete applications. It discusses the concrete industries' efforts to lower the carbon footprint. It provides a solution to moisture & flooring problems as well as water and damp-proof concrete. Techniques and materials used to permanently repair concrete are discussed.

Scott Bergsbaken
SPG (Specialty Products Group) Provider #: K540
AIA #:SPGCEH28 HSW | GBCI (USGBC/CAGBC) #:0920033210

10:10 AM Break

10:25 AM **Polyethylene: Sustainable Plastic for Exterior Acoustics**

This course includes a discussion of the strengths and weaknesses of polyethylene, the manufacturing process, sound attenuation properties and its environmental impact.

Spencer Kelly
Oldcastle APG Provider #: J545
AIA #:AcousticFence HSW

11:25 AM **Designing Durable Wood Exteriors: Sustainable Practices for the Building Envelope**

At the end of this course, participants will know how to increase the durability of wood products used on building exterior envelope, understand best installation practices and differences between popular wood treatment methods.

Corbin Rinehart
WindsorONE Provider #: T109
AIA #:DDWoodExt28 HSW | GBCI (USGBC/CAGBC) #:0920033200

12:25 PM Lunch

01:10 PM **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 specifiying 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

02:10 PM Break

02:25 PM **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.

Alley Mathson
Prosoco Provider #: J388
AIA #:PRO014-1-25 HSW

03:25 PM **Designing Water Resilient Buildings**

As water scarcity, infrastructure strain, and conservation mandates intensify, architects and design teams are being asked to rethink how buildings source, use, and reuse water. This continuing-education course explores onsite water-recycling strategies that reuse water for non-potable use and greatly reduce potable-water demand.

Participants will gain a practical understanding of onsite wastewater reuse systems (OWRS), including graywater and blackwater treatment approaches. The course examines system components, treatment processes, and spatial planning considerations, with a focus on early design coordination and real-world constructability.

Through case studies and code-informed design guidance, attendees will learn how onsite water-recycling systems can support LEED v5 goals, reduce operational costs, and contribute to water-positive buildings. The course also addresses regulatory considerations, incentives, permitting, and public-health safeguards.

By the end of the program, participants will be equipped to evaluate when onsite water-recycling solutions are appropriate, how they impact building design, and how to specify systems that maximize wastewater reuse while minimizing reliance on fresh water supplies.

Jonathan Farr
Epic Cleantec Provider #: 10144900
AIA #:WaterReuse29 HSW

04:25 PM End