

NOTE:

ALL SEMINAR ATTENDEES ARE ENCOURAGED TO RSVP TO THE SPECIFIC SEMINAR SPONSOR IF THEY PLAN TO ATTEND THEIR SEMINAR. PLEASE CALL OR EMAIL THE SPONSOR NOTED IN THE DESCRIPTIONS ABOVE.

Seminar Sponsor	TIME	1:00 pm – 2:00 pm
 	Ballroom #1	<p>EXTERIOR WOOD DOORS AND THE BATTLE AGAINST MOISTURE – 1 HSW LU Duncan McNeil – 609-617-1965 or nflowers@reeb.com The following is a brief overview of the in-house presentation of the construction of wood doors and the latest technologies available that can enhance wood doors' resistance to water infiltration. Learning Objectives:</p> <ul style="list-style-type: none"> • Use of wood doors in architectural designs • Key components of stile and rail wood doors • Moisture protection
	Ballroom #2	<p>WINDOW CODE FUNDAMENTALS – 1 HSW LU Gary Massenzio – 732-598-1704 or gmassenzio@andersencorp.com Learning Objectives: Keeping up with every evolving window code can be challenging for many industry professionals. This core addresses some of the core code & testing methods such as accessibility, egress & rescue, fall protection and safety glazing. Course Objectives:</p> <ul style="list-style-type: none"> • Ascertain different elements of accessibility codes for windows. • Identify emergency escape & rescue regulations and exceptions. • Understand fall protection req'ts, compliance methods & variations between residential and commercial. • Distinguish when & where safety glazing is required in windows.
 	Ballroom #3	<p>A TOUR OF TODAY'S OPERABLE WALL SYSTEMS - 1 HSW LU Nigel Long, RSM Hufcor – 845-548-3259 or lynne@tgelliottgroup.com Learning Objectives: An overview of how operable partitions flexible space can be achieved as well as the benefits they bring to all sectors and the types of movable walls available.</p> <ul style="list-style-type: none"> •
	Morris Room	<p>ACETYLATED WOOD –1 HSW LU Randy Clark – Technical Manager Call: 214-755-4031 & randy.clark@accsysplc.com Learning Objectives:</p> <ul style="list-style-type: none"> • Learn about wood Acetylation and how wood is permanently modified to the core. • Presentation will review the basics of the wood acetylation process and how this makes wood stable to moisture, resistant to termites and extremely resistant to decay. • Review why this is non-toxic. Review available LEED credits and cradle-to-cradle gold certification. • Will review typical projects and case studies using acetylated wood.
	Bergen Room	<p>UNDERSTANDING METAL ROOFING – 1 HSW LU & 1 GCBI LU Chris Kroeter - 610-395-8446 e.233 or jr@atas.com Learning Objectives:</p> <ul style="list-style-type: none"> • Observe and recognize the history of metal roofing and the different types of metal used. • Explain the manufacturing process and the importance of finish coatings. • Describe the differences between low slope roof systems and steep slope roof systems. • Understand the environmental benefits, sustainable technology and the features of metal roofing.

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TIME

2:10pm – 3:10 pm



Ballroom #1

Glazing Systems: Balancing Aesthetics, Performance, and Cost – 1 HSW LU –

Diane van Horn 973-575-0200 e. 2453 or dvanhorn@npjella.com

Learning Objectives:

- Describe how glazing systems comply with national building codes and standards.
- Specify the glazing attributes most important to energy efficiency, day lighting, views, and indoor environmental quality.
- Describe the trade-off between aesthetics and energy efficiency, especially as it relates to insulating value, heat gain, visible light transmission, and occupant comfort.
- List the advantages/disadvantages of sealed insulating glass and triple glazed systems and how they compare in terms of aesthetics, initial cost/life cycle cost, durability, fading blockage, warranty, energy performance, safety, and resistance to condensation.



Ballroom #2

HELP YOUR CLIENTS REDUCE THEIR ENERGY COST W/NJCEP -1 LU

Rudy Rella 973- 609.403.7434 or rudy.rella@icf.com

This presentation is designed to provide insight into the administration, qualification, scope, and goals of New Jersey's Clean Energy Program (NJCEP) and the available incentives for energy efficiency upgrades in the Residential and Commercial and Industrial (C&I) market. The presentation will cover the State's role in the program and how it is funded as well as details on the organization of the portfolio of different incentive programs. It also examines more discretely, each of the programs and their design, targeted market segments, participation and qualification requirements, and incentive thresholds. Specific resources will be sited where required, for external services provided by contractors and program partners.



Ballroom #3

BUILDING ENVELOPE DESIGN SPECS & AIR BARRIER PERFORMANCE LEVEL-1 HSW LU

Harold Decker – 914-841-4480 or hdecker@parksite.com

Overview: Describes air barrier performance requirements for the desired wind load design specifications. Learning Objectives:

- Understand the impact of air leakage, the importance of air barriers for the air leakage control, & the current air barrier codes & standards.
- Understand the design criteria of the air barrier performance and current standards for testing the performance of installed air barriers.
- Learn about the differences between ASTM E1677 & ASTM E2357 air barrier performance levels. Understand how installation details could impact air barrier performance levels



MORRIS ROOM

Sink Selection for Sustainability and Accessibility FIXTURES – 1 LU; 1-LEED CEU

Jeff Gilmore – Sloan call: 973-818-8585 or rob.curcio@maloney-curcio.com

Course reviews restroom design trends for commercial buildings by focusing on sink/lavatory system technology and the sustainability and accessibility trends surrounding them. Understand Architects and Designers role in sustainable and accessible designs.

- Review the various standard and sustainable sink/lavatory materials, style options and potential LEED credits.
- Review Sink/Lavatory Component options and how they improve a buildings sustainability efforts.
- Evaluate and review ADA criteria to consider when planning for commercial bathrooms sinks/lavatories.

Specifications review – how to specify an integrated solid surface sink system.



BERGEN ROOM

HEAT RECOVERY VENTILATION: WHY EFFICIENCY MATTERS – 1 HSW LU

John Rockwell- Technical Sales Engineer 508-932-2600 or john.rockwell@zehnderamerica.com

Airtightness, a critical component of energy efficient buildings, must be accompanied by balanced ventilation with heat recovery. HRVs and ERVs are standard equipment in these high performance buildings, and the importance of high efficiency HRVs and ERVs will explain. Learning Objectives:

- Understand the advantages and weaknesses of supply-only, exhaust-only, and balanced ventilation systems.
 - Learn how heat recovery ventilation enables a comfortable and healthy environment.
 - Understand HRV/ERV's role in building an energy efficient home.
- Learn how to evaluate and choose the most effective HRV/ERV system.

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3:20 pm – 4:20 pm



**Architects League
of Northern
New Jersey**

**Ballroom
#1**

Protecting the NY- NJ Metropolitan Region from The Next Disastrous Storm Surge – 1.5 HSW LU Suzanne DiGeronimo FAIA

Call 201-634-1100 or sdigeronimo@digeronimo-pc.com

Suzanne’s firm is a strong advocate for the profession to educate and inform the importance of Resiliency Planning. Her client base and experience continues to this day with victims of Hurricane Sandy. She has designed and constructed numerous solutions for private homeowners and NY Public Schools with the always challenging FEMA regulations and insurance policy reimbursements. With this background, she has extended her reach and influence to assist the Storm Surge Working Group to advance the concept of a regional barrier for New York and New Jersey.

Learning objectives:

- Discuss a project Summary and Objective of the SSWG.
- Review a design concept of two barriers located across the Outer Harbor and Upper East River.
- Review examples of existing systems already in operation in Europe and South East Asia.
- Discuss overall importance of recognizing Climate Change and the need to address resiliency in future projects. An overview of the environmental conditions that caused so much destruction with Hurricane Sandy will be review.

PORCELANOSA®

**Ballroom
#2**

NEW GENERATION SOLID SURFACING – 1 HSW LU

Carlos Monsonis – Krion Brand Mgr. – 201-349-4671 or dlevy@porcelanosa-usa.com

This program will provide the participant with:

- To understand the advantages of new generation solid surfacing.
- To understand Tri-hydrate of Alumina in new generation solid surfacing.
- To understand polyester and acrylic resin added to new generation solid surfacing.
- To understand advantages of thermal forming of new generation solid surface material.



**Ballroom
#3**

FENESTRATION IN CONTEMPORARY RESIDENTIAL APPLICATIONS – 1 HSW LU

Jeff Surovi – 609-224-7042 or jsurovi@supermarvin.com

This course will present information about fenestration in contemporary residential applications, characterized by large openings, spectacular views, and envelope treatment that blurs the border between the interior and exterior. Design considerations, performance standards and building methods related to the use of large expanses of glass. Learning Objectives:

- Review the history of contemporary design and how windows play a role in this aesthetic.
- Evaluate the types of windows to be used in contemporary designs, considering operating style, occupant comfort, materials, and application.
- Be able to identify performance issues that may arise with large expanses of glass.
- Be able to examine design considerations for specifying large expanses of high performance glass in contemporary design.



**MORRIS
ROOM**

DESIGNING COMMERCIAL PROJECTS W/ MANUFACTURED STONE VENEER –1 HSW LU

Paul Lott – Area Sales Manager Call: 856-812-7885 & paul.lott@boral.com

Design guidelines for sustainable manufactured stone veneer buildings, including product innovations and industry related education.

Learning Objectives:

- Examine the manufactured stone veneer manufacturing process.
- Analyze key installation detailing for high performance buildings.
- Understand aesthetic, environmental, cost and productivity impacts of various manufactured veneer masonry systems and their contribution to sustainable design.
- Describe advancements in manufactured stone veneer.



**BERGEN
ROOM**

FIRE JOINT FRAMING & PROTECTION – 1 HSW LU

Brad Vrana- Architectural Technical Sales Mgr. 973-464-1981 or brad.vrana@clarkdietrich.com

Program updated for the 2018 IBC

Learning Objectives:

- What are the dynamic and static perimeter joints in fire rated construction.
- What constitutes a fire/smoke rated joint assemblies.
- Understanding UL ratings of joint assemblies.
- What to consider when specifying and detailing protection of fire-rated perimeter joints.



2018 AIA TRADE SHOW Seminar Schedule

