

AIA Long Island Chapter 8th Annual Product Fair

Morning Classes - Reservations Required

TIME	AIA CREDIT		PROGRAM	DESCRIPTION
9:00 AM To 1:00 PM	4 HSW - PDH		Accessibility & the New Building Code	Analyze current Building Code requirements with respect to accessibility
9:00 AM To 11:00 AM Part 1 of 2	2 HSW—SD—PDH	Part 1	Pearl River and India - Green Design in Emerging Economies Instructor: James Kraus, SOM	Analyze challenges of developing sustainable solutions in emerging construction markets, while defining a path towards zero energy buildings and increasing energy independence. Pearl River Tower in Guangzhou, China. SOM designed a tower that could significantly reduce its dependency on the city's infrastructure. Scheduled for completion in 2010, the 71-story, 2.3-million square-foot tower will be the most energy efficient super tall tower ever built, and an energy independence milestone. The Park Hotel in Hyderabad, India was the first LEED Gold Hotel in India when it was designed to reduce water and energy use. Interaction with responsible government agencies greatly influenced the process of design
11:00 AM To 1:00 PM Part 2 of 2	2.0 AIA LU/ HSW/ SD PDH LEED Credit	Part 2	Solar Energy for Engineers & Architects Instructor: Jean-Pierre Clejean, IGSHPA, NABCEP	LEARNING OBJECTIVES: 1. What are the advantages to specifying solar applications for building projects? 2. What other renewable energy options are available and how do they compare with the solar electric option? 3. How can solar installations be justified, from an economic standpoint; what are the payback periods and how are they calculated? 4. How can these systems be installed on buildings in an aesthetically pleasing manner?
11:00 AM To 1:00 PM	2 LU HSW PDH		Green Design: What Design Professionals Need to Know to Survive Instructor: Paula Gart, Esq., L'Abbate, Balkan, Colavita & Contini, L.L.P., Garden City, NY	This seminar is designed to address the important issues that confront architects when providing services that utilize environmentally responsible design systems, techniques, materials and products.
11:00 AM To 1:00 PM	2.0 AIA LU/ HSW/ SD PDH		New Directions in BIM Instructor: Robert K. Otani, PE. LEED AP - Senior Associate - Thornton Tomasetti	1. What is BIM and how can it be used on building projects? 2. How to use BIM to provide superior visualization. 3. How to use BIM to enhance design team coordination. 4. How can BIM help to reduce construction delays?

There are no charges for any class Reservations are required for the morning classes. If you make a reservation and do not attend we will charge your credit card a total of \$50.00. Morning classes are on a first come, first serve basis. Credit card information is required. Please circle program you will be attending.

Fax reservation to 516-294-0973 or email to alomo3535@aol.com.

Enclosed is \$ _____

for _____ Reservations

Firm

Contact

Telephone No. (required)

Email Address (required)

Credit Card Number

Expiration Date

Name of Attendee

Member Number (required)

Name of Attendee

Member Number (required)

No reservations will be taken for the afternoon programs. Programs are on a first come, first serve basis.

Please pass this information along to anyone you feel might will be interested in attending.

Time: 1:30 PM – 2:15 PM Classroom A 1 HSW-SD-PDH	Welcome to the Three Ss: Structures, Sustainability & Steel	Analyze the impact that buildings have on the environment and how much that can be lessened through the use of responsible recycling efforts. Confidently specify materials that comply with the new LEED criteria for regional materials & recycled content.
Time: 1:30 P – 2:15 PM Classroom B 1 HSW-SD-PDH	Permeable Interlocking Concrete Pavement: A Storm water Management Solution In- structor: Kevin Earley, LEED Green Associate, Nicolock Paving Stones & Retaining Walls	Impervious paving causes stormwater runoff that can lead to a host of environmental problems including: erosion, flooding, and depleted aquifers. Permeable Interlocking Concrete Pavement (PICP) offers Low Impact Development (LID) solutions that reduce runoff, while reducing the need for maintenance. Analyze a Long Island case study that includes these methods.
Time: 1:30 PM – 2:15 PM Classroom C 1 HSW-SD-PDH	Commercial Stone Veneer Installation Semi- nar Instructor TBD Eldorado Stone, LLC	Compare manufacturers' testing certifications, design stone veneer installations that avoid problems and delays and are aesthetically pleasing.
2:45 PM to 3:30 PM Classroom B 1 HSW-SD-PDH	PVC 101 – The Benefits & Uses of Cellular PVC Trim Instructor: Joe De Santis, Versatex Trimboard	The different types and properties of cellular PVC in the building/ construction industry. A few best design practices (Beaded Ceiling, pre-fabricated corners, fabricated column wraps, window surrounds, and thermal expansion joint design). Some of the “Green” attributes of PVC that make it an ideal exterior building product.
2:45 PM to 3:30 PM Classroom C 1 HSW-SD-PDH	Geothermal HVAC in Retrofit Applications Instructor: Richard Pandolfi, Green Logic Energy	Compare the many benefits that can be gained from specifying geothermal systems in your designs. Ground-source (or geothermal) heat pumps may prove to be one of the most efficient ways to produce more sustainable, energy-efficient structures. Specify systems that can meet the Energy Star and HERS ratings
Time: 4:00 PM to 4:45 PM Classroom A 1 HSW-SD-PDH	Cellular Glass Insulation, Instructor: Axel Rebel, Vice President & General Manager North America Building Division, Pittsburgh Corning Corp.	Participants will learn what basic raw materials are used and how cellular glass insulation is manufactured. Participants will learn about the unique properties of cellular glass insulation and how cellular glass insulation can solve building design problems. Participants will learn the various building applications where cellular glass insulation can be utilized in a building envelope.
Time: 4:00 PM to 4:45 PM Classroom B 1 HSW-SD-PDH	Detailing Masonry Wall Systems Instructor: Kenneth Schmitt, Hohmann & Barnard	Design masonry veneer wall systems and related components to achieve sustainable walls. Detail cavity wall systems constructed of brick, architectural block and stone veneer.
Time: 5:15 PM to 6:00 PM Classroom B 1 HSW-SD-PDH	Sustainable Surfacing Solutions 101 In- structor: Kathryn Latham, Wilsonart	Define Sustainability and Environmentalism, Identify the Shades of Green, Recognize common sustainable terms and theories, recognize the value of Indoor Air Quality and Certification, Understanding LEED and where interior surfacing points could apply.
Time: 5:15 PM to 6:00 PM Classroom C 1 HSW-SD-PDH	Air Barriers: An Essential Part of Contempo- rary Building Envelopes Instructor: John C. Bachenski, Area Director of Market Develop- ment/Technical Services, International Ma- sonry Institute, NYC & NJ	Analyze exterior wall constructions to determine the proper require- ments for air barrier placement. Design exterior walls to resist air & moisture penetration. Identify the elements that constitute an air barrier system.

**AIA Long Island Chapter welcomes all
architects, engineers, landscape architects, designers and builders.**

Wednesday, April 21, 2010

Crest Hollow Country Club

8325 Jericho Turnpike

Woodbury, New

Registration opens at 8:30 AM

Classes begin at 9:00 AM

Product Fair & Lunch start at 1:00 PM