



A chapter of the American Institute of Architects

Monthly Communiqué

CHAPTER PROGRAMS & EVENTS

APRIL 2017

REGISTER FOR ALL PROGRAMS AND EVENTS ONLINE AT WWW.AIACT.ORG.

Unless otherwise noted, programs/events are held at the AIA Connecticut offices (upon entering the building, you will be asked to sign-in and show your photo ID). Registration obligates you to payment for the event, which should be prepaid. There is a \$15 fee for walk-ins, invoicing and for Lunchtime Learning programs if you do not cancel beforehand. For refunds, notify AIA Connecticut 48 hours before program date. AIA membership is individual specific. AIA Connecticut does not endorse any product lines.

TWO PROGRAMS ON THE NEW CONNECTICUT FIRE CODES

Mike Sinsigalli, who will present both the New Connecticut Fire Codes programs, on April 5 and May 23, is the Deputy Fire Marshal for the Town of West Hartford. He presents programs on Fire Codes both locally and nationally. He is a frequent presenter of programs for the State Office of Education and Data Management.

NEW CONNECTICUT FIRE CODES: PROGRAM 1, APPLICATION OF THE CONNECTICUT FIRE SAFETY CODE

Wednesday, April 5, 2017; 1:00-5:00 pm; 4 HSW hours

\$80 AIA, Sr. Assoc. AIA, Affiliate, or allied organization member; \$40 Associate AIA member; \$160 non-member;
No charge-Season Ticket holder

In **Part 1, Application of the Connecticut Fire Safety Code**, Mike Sinsigalli will cover:

- The Connecticut Fire Code Adoption Process
- The Connecticut Fire Safety Code versus the Connecticut Fire Prevention Code
- Overview of the General Concepts of the New Fire Codes: Administration, Definitions, New Construction, Existing Buildings
- Application of the Connecticut Fire Safety Code: Buildings with permit application prior to 12/31/2005; those with permit application between 12/31/2005 and 10/1/2016; those with permit application on or after 10/1/2016
- Code Compliant Design Options: IEBC, CSBS Chapter 34, Code Modifications, "Not in Contract"
- Working with the Fire Marshal: Review Process, Abatement Process

NEW CONNECTICUT FIRE CODES: PROGRAM 2, CONCEPTS OF THE CONNECTICUT FIRE SAFETY CODE

Tuesday, May 23, 2017; 1:00-5:00 pm; 4 HSW hours

\$80 AIA, Sr. Assoc. AIA, Affiliate, or allied organization member; \$40 Associate AIA member; \$160 non-member;
No charge-Season Ticket holder

In **Part 2, Concepts of the Connecticut Fire Safety Code**, Mike Sinsigalli will cover:

- It's All About the Exits! Means of Egress Issues: Occupant Load and its relationship to egress capacity; Establishing the occupant load; Exit capacity; General rules; Assembly main exit rule: Exit access vs. exit; Exit enclosure
- Life Safety Systems: Sprinklers; Fire Alarm Systems; System Changes
- Fire Code application During Building Alterations, Additions and Changes of Use: Part III; International Existing Building Code; CSBC Chapter 34; What is the "bottom line"?



Alice Washburn 2017 Award
Entry deadline: Friday, April 7
Submission deadline: Monday, May 1

Entry/submission information and online access may be found on the AIA Connecticut website.

THE ECONOMICS OF INTELLIGENT BUILDING

Friday, April 21, 2017; 12:30-1:30 pm; 1 HSW hour

No charge for AIA members; \$15 non-member

A Lunchtime Learning Program presented by the Siemon Company

The costs involved in Intelligent Building construction are at times lower than those of a traditional building. As lower-cost advancements in technology improve operability and reduce construction and operation expense, the total cost of ownership of a modern building can be significantly reduced. The combination of leveraging a low-voltage infrastructure to more efficiently deliver power and data to building automation system (BAS) devices and deploying today's more sophisticated sensor technology and integrating building system software applications can lower utility and operational costs while providing longer life expectancy of building systems.

This Lunchtime Learning program will tell you about the design and installation benefits of a unified building infrastructure, including capital and operational savings. Using a case study, it will describe the basic design foundations, technology systems, and management systems associated with smart controls.

Bob Allan, LEED Green Associate, is the Global Business Development Manager for Intelligent Buildings and Strategic Alliances for The Siemon Company, in Watertown, CT. Bob educates current and potential customers on ConvergeIT Intelligent Building cabling solutions. He has over 15 years in the IT industry

ARCHITECT REGISTRATION EXAMINATION REVIEW

5.0 ARE Candidates – The ARE Lecture Series is being revamped for the new exam format. We are starting to receive study material for the new exams and will schedule the lectures as soon as we have a comprehensive program.

If you are an Associate AIA member continuing in the 4.0 exams, please contact Pat O'Brien, pobrien@aiact.org, for study tools and materials.

AIA CONNECTICUT ROUNDTABLE / COMMITTEE MEETINGS— UPCOMING

All AIA Connecticut members are invited. Unless otherwise noted, meetings with speakers earn attendees 1 CE hour. There is no charge for these programs, however, registration is requested.

THE SMALL FIRMS ROUNDTABLE—Wednesdays, 4:00-5:30 pm, unless otherwise noted.

Sponsored by A.W. Hastings/Marvin Windows & Doors and Ring's End Lumber

Wednesday, May 17, 2017

Topic: Tour of eFabLab



The University of Hartford's Department of Architecture is hosting AIA Connecticut's Small Firm Roundtable members for a tour of its state of the art model shop with laser cutters and various types of 3D printers. The tour will be led by James Fuller, AIA, Chair of the department, other faculty members, and students. We will assemble at the Department's studio in the Harry Jack Gray Center, West Wing room W101. Learn about what is the latest in technology!
Tour is limited to 20.

PROFESSIONAL PRACTICE ROUNDTABLE—Wednesdays, 4:30-6:00 pm, unless otherwise noted.

Wednesday, April 26, 2017

Topic: Cyber Security for Your Firm

Discussion led by Bill Silver, AIA and staff from Silver Petrucelli + Associates. Given our present cyber climate, this program is a must for architectural firms. Discussion will focus on:

- Firewall Protection and pros/cons of various systems
- Encryption policies and protecting logging in from remote locations
- Controlling your data from mobile devices

**TOUR OF GRACE FARMS**

Thursday, May 4, 2017; 3:30-6:00 pm; 1.5 HSW hours

365 Lukes Woods Road, New Canaan, CT

\$18 AIA, Sr. Assoc. AIA, Affiliate, or allied organization member; \$9 Associate AIA member; \$36 non-member;
No charge-Season Ticket holder

Join us for a tour of the award winning Grace Farms in New Canaan, an 80-acre property owned and operated by the Grace Farms Foundation, which supports initiatives in the areas of nature, arts, justice, community, and faith, and encourages participation on a local, national, and global level. The Foundation carries out its work through publicly available facilities and integrated programs of Grace Farms, where individuals and not-for-profit organizations can come together to collaborate for good.

The building was designed by Design Architect SANAA Architects, Tokyo and Executive Architect Handel Architects, New York, resulting in a graceful project whose apparent simplicity belies complexity in sectional and structural planning. The project, which preserved a substantial piece of the Connecticut landscape for public and an unusual institutional use, was awarded an AIA Connecticut Design Award in 2016 and an AIA Honor Award in 2017.

Tours will be led by Grace Foundation docents and a representative of the Handel Architects project team. We will gather at 3:30 pm in the River Building for tea and to begin the tour. Parking: Please park in the Lower Lot.



**INSULATION AND HIGH PERFORMANCE ENVELOPES:
MOISTURE MANAGEMENT AND THE KEYS TO DURABILITY**

Wednesday, May 10, 2017; 1:00-4:00 pm; 3 HSW hours

\$65 AIA, Sr. Assoc. AIA, Affiliate, or allied organization member; \$33 Associate AIA member; \$130 non-member;
No charge Season Ticket holder

Join presenters Oliver Klein, 475 High Performance Building Supply, Brooklyn and William Zoeller, Steven Winters Associates, Norwalk and New York, for a program on Insulation and the Building Envelope for small commercial project and residential projects.

Current building codes are calling for higher insulation levels and mandatory air-tightness testing. Very high performance criteria such as Passive House are also garnering market share and pushing the envelope even further. With all the different assembly options available to the designer, how do you know the one you design and specify will be functionally effective and durable? What are the major obstacles to success, and how are they best overcome? This program will examine the basics of insulation strategies, moisture management, and assembly options for frame construction, from basic concepts, to illustrated case studies of what to do.....and want not to do.

The program will cover: Identifying moisture transport mechanisms; Preventing unwanted moisture transport; Vapor retarders do's and don'ts; Options for High Performance insulation; Identifying critical aspects of design, specification and construction process; Discussion of failure analysis and case studies.

Oliver Klein is Regional Sales Consultant for New England, CPHC, LEED AP. Oliver comes to 475 following a wide-ranging career in engineering and architecture. He graduated from Dartmouth College in 1993 with a Master of Science in Materials Science and then in 2008 from Boston Architectural College with a Master of Architecture. Oliver is a registered architect in Massachusetts, a Certified Passive House Consultant and a LEED Accredited Professional. Oliver brings to his sales work a deep concern for building science and sustainability.

William Zoeller is a Registered Architect and Senior Vice President with Steven Winter Associates (SWA). Bill has 33 years of experience in building design and construction, building science research, energy-efficiency, disaster-resistant construction, and building materials product development. He has specialized expertise in advanced and traditional materials; design to resist natural hazards; energy efficient building practices; and energy upgrades in historic buildings. Bill has worked on hazards resistance research for HUD and FEMA, and leads SWA efforts in multifamily resiliency assessments and solutions implementation, including multiple property portfolios of Hurricane Sandy affected properties and has guided multiple historic preservation projects. Bill occupies the Energy-Efficiency seat on the State of Connecticut Codes & Standards Committee.

AIA CONNECTICUT GOLF-TENNIS-CROQUET OUTING



AIA Connecticut invites you to a day of **GOLF** or half-day of **TENNIS** or half-day of **CROQUET**
 Tuesday, May 9, 2017
 The Farms Country Club, 180 Cheshire Road, Wallingford, CT

Golf: 11:00 am registration
 12-Noon Shotgun start
 Includes cart, lunch, beverages and reception

Tennis / Croquet: 1:45 pm registration
 2:00 pm Play commences
 Includes beverages, snacks and reception.

Bob Kroeger, a "professional croquet tournament director" will join us to provide instructional game play and to insure that the fun factor is present! *Please wear a festive hat!*

Awards Reception: 5:00-6:00 pm

\$200 Golfer; \$800 Golf Foursome
 \$100 Golf Hole Sponsor (registered foursome required)
 \$50 Tennis or Croquet player
 \$50 Reception Only

Sponsors

Refreshments	LaRosa Building Group
Golf Carts	Fuss & O'Neill
Golf Balls	Babbidge Construction
Hole in One	AW Hastings / Ring's End
Luncheon	Smith Brothers
Longest Drive	International Masonry Institute
Door Prize	BSH Home Appliances
	Huber Engineered Woods
	Rockman Millwork Window & Doors
Driving Range	BVH Integrated Services, P.C.

Croquet Sponsor
 Benjamin Moore

Golf Hole Sponsors
 Blakeslee Prestress
 C.E. Floyd Company
 Ed's Garage Doors
 ESPN
 Illuminate Vanguard
 OFI
 SK & Associates
 Spec Mix