



# 2016 - 2017 PROGRAM CALENDAR

## Boston Chapter Construction Specifications Institute

Location: University of Massachusetts Club • One Beacon Street, Boston MA, 32<sup>nd</sup> floor

Time: Board Meeting: 4:15 – 5:15 PM (open to everyone)

Networking and Table tops 5:15 – 6:15 PM

Dinner and Presentation 6:15 – 7:45PM

Cost: No charge for members, nonmembers \$30 for networking and dinner, program only - no charge.

See [boston.csinet.org](http://boston.csinet.org) for the latest on chapter news and events.

For Membership contact Cynie Linton, 617 320-9659 [clinton@smma.com](mailto:clinton@smma.com)

or Bob McEachern 603 494-3757 [bmceachern@rtsreps.net](mailto:bmceachern@rtsreps.net)

For Table Tops contact Tony DeVito, 617 571-8900 [tdevito@gaco.com](mailto:tdevito@gaco.com)

September 14, 2016

### CANDID ADVICE FROM 10 SPECIFICATION WRITERS

Mark Kalin, FCSI, FAIA, LEED AP, Kalin Associates, Moderator

Mark is currently Chair of CSI's MasterFormat Maintenance Task Team, and past-chair of CSI's Technical Committee.

Full-time specifiers share their predictions, tips and pet peeves regarding the future of specs, handling multiple projects, manufacturer's reps, holding specs, breaking specs, products that don't work, 'or equal', training junior architects, even specs as a rewarding career option!

October 19, 2016

### IN A V4 MATERIALS QUANDARY? SOLUTIONS THROUGH COLLABORATION

Carrie A. Havey, LEED AP BD+C, Sustainable Design Consultant, The Green Engineer, Inc., Moderator, with Steven Burke, LEED AP BD+C, ID+C, O+M, Sustainability Manager, Symmes Maini & McKee Associates, Conor McGuire, LEED AP BD+C – Director of Sustainability, Columbia Construction Company Lisa J. Goodwin Robbins, RA, CCS, LEED AP – Architect/Specifier, Kalin Associates

LEED v4 comes with a new set of challenges regarding the Materials and Resources Building Product Disclosure and Optimization (BPDO) credits and the Indoor Environmental Quality Low-Emitting Materials credit. How do project teams incorporate compliant BPDO materials and Low Emitting Materials product information into the project documents and how do contractors efficiently complete LEED documentation?

An ad hoc group of design + construction professionals has collaborated on a set of shared LEED v4 focused specifications to help meet the new Materials and Low Emitting credit requirements. Three diverse experts representing the group will discuss their experiences managing the LEED v4 materials credits.

The presenters will share the tools and processes they developed to incorporate the new materials requirements into the specifications and examine case studies, with an emphasis on how team collaboration is key in successfully completing LEED v4 projects.

November 9, 2016

### FROM CONCEPT TO COMPLETION: NET ZERO METAL PANEL HOUSE AT FERMENT FARM, SPRINGVALE, ME

Philip DesAutels, PhD, Senior Director of IoT at The Linux Foundation + Steward of Ferment Farm, a small family farm in Southern Maine that specializes in the making of hard cider from farm-grown apples and the keeping of bees.

Philip will talk about process and fruition of the net zero house on the farm - from concept to completion, from idea to drawings, from construction to habitation.

December 14, 2016

### WINTER SOCIAL - WINTER IN THE CITY

Toddies, Tacos and Good Cheer -TICO, 222 Berkeley Street, Boston 6-9 PM

January 18, 2017

### BE READY: CHANGES ARE COMING TO MASSACHUSETTS BUILDING CODES

Brian H. Neely, AIA, CDT, BECxPSM, Senior Project Manager Mr. Neely is a Senior Project Manager for Gale's Building Enclosure Design and Consulting Group. He performs building enclosure evaluations and designs, provides building code reviews including ADA and MAAB Regulations. He is actively involved with building enclosure commissioning, for new educational, research facilities and medical centers. Mr. Neely is past President of the Boston Chapter of CSI and is a current Co-Chair of the BEC at the Boston Society of Architects.

Code changes are coming! With the recent enactment of the energy code and stretch code amendments to the 8th edition (mandatory after January 2, 2017), Massachusetts jumps to the 2015 International Energy Conservation Code. We are also approaching enactment of the 9th edition Massachusetts Building Code which will be based on the 2015 International Building Code. This program focuses on the impact of the new code on commercial buildings, both existing and new, as it relates to changes in Chapter 13, Energy Efficiency; Chapter 14, Exterior Walls; Chapter 15, Roof Assemblies and Rooftop Structures; and Chapter 16 Structural Design. The speakers will explore the prescriptive requirements of the 2015 IECC, the performance-based approach utilizing ASHRAE 90.1, the latest version of the Stretch Code, as well as other recent code modifications that are likely to impact the design and construction of the building enclosure and structural frame systems.

February 8, 2017

### UNIVERSAL DESIGN: STARTING FROM A NEW PLACE

Ned Collier AIA, LEED AP, Principal, Education Studio at ICON Architecture, Inc. + Polly Welch, Senior Project Manager, Statewide Accessibility Initiative, Division of Capital Asset Management & Maintenance

The goal of Universal Design is to craft a built environment that reduces the undesirable impact of barriers, to facilitate social participation. Barriers may include obstacles to movement, space and time, access, communication, perception, or expression. Universal Design's fundamental purpose is "to change the form and organization of our material world and even change how we interact with it. It is a tool that extends the effectiveness of human adaptive behavior. It is contextual." (Steinfeld and Maisel).

The presentation will briefly compare ADA and MAAB with UD, and then elaborate on the seven UD Principles as identified by the Center for Universal Design at North Carolina State University. These

Principles include: 1) Equitable use, 2) Flexibility in use, 3) Simple and intuitive, 4) Perceptible information, 5) Tolerance for error, 6) Low physical effort, and 7) Size and space for approach and use.

March 8, 2017

### CONSIDERATIONS FOR INSTALLING PHOTOVOLTAICS ON NEW AND EXISTING ROOF SYSTEMS

Christopher Musorofiti, RRC, Gale Associates, Inc. + Steven Marshall, RRC, CDT, LEED@AP Gale Associates, Inc.

As energy costs continue to rise, building owners and facility managers look for alternate means to generate or save energy. Roof-mounted photovoltaics (PV) can generate revenue or save on energy costs. Although equipment costs have decreased over the years, incentives are still needed to make PV systems economically competitive with conventionally-generated energy. However, there are other aspects that need to be considered by these owners before proceeding with the installation of a PV system, to determine if they will get more bang for their buck by going green with PVs. This presentation will outline the different types of photovoltaic systems and how each can affect your roof, building, and maintenance. It will also detail good roofing principles pertaining to installing roof-mounted PVs and discuss how to realize potential savings from these roofs.

April 19, 2017

### PASSIVE HOUSE: THE WORLD'S MOST ENERGY-EFFICIENT DESIGN STANDARD

Michelle Apigian AIA, LEED AP, AICP, Associate at ICON Architecture, Inc. + Richard O'Dwyer, Senior Principal at ICON Architecture, Inc.

The presentation will provide an overview of the Passive House building standard and discuss the design and construction principles that are employed to radically reduce energy consumption. Applicable to nearly all building types, the passive House discussion will highlight how this low-load building approach can be applied both to new construction as well as retrofit, and how scale impacts design and decision making.

We will review the evolving understanding and strategies that help produce super-efficient, cost-effective buildings that are affordable to operate, comfortable to be in, and resilient. Details, testing data and lessons learned will be shared with a special focus on the thermal envelope, continuous air barrier implementation and efficient ventilation systems.

May 10, 2017

### CHANGING TIMES AND CHANGING ACOUSTIC REQUIREMENTS: LET'S STOP AND TAKE A LOOK AT HOW WE DO THINGS.

Gary Madaras, PhD, Assoc. AIA, ASA, INCE Acoustics Specialist, ROCKFON, LLC

Gary will review current acoustic design practices related to ceilings and interior walls relative to what's required by the evolving building standards and guidelines. We will discuss things that no longer work, and present practices that meet the new standards, providing more satisfactory acoustic experiences.

June 2017

### SUMMER SOCIAL

Informal gathering, food, drink, friends and lawn games. Stay tuned for details.

### ADDITIONAL EVENTS

ABX (Architecture Boston Expo) • November 15-17, 2016 • Boston Convention and Exhibition Center • [abexpo.com](http://abexpo.com)

MED|ED Facilities (The Healthcare and Educational Facilities Design and Construction Event for New England) • April 4-5, 2017 • Seaport World Trade Center • [mededboston.com](http://mededboston.com)