



2017 - 2018 PROGRAM CALENDAR

Boston Chapter Construction Specifications Institute

Location: University of Massachusetts Club • One Beacon Street, Boston MA, 32nd 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 (times to be confirmed)

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

See boston.csinet.org for the latest on chapter news and events.

For Membership contact Cynie Linton, 617 320-9659 clinton@kalinassociates.com

or Bob McEachern 603 494-3757 bmceachern@rtsreps.net

For Table Tops contact Tony DeVito, 617 571-8900 tdevito@gaco.com

SEPTEMBER 20, 2017 (third Wednesday)

DOES YOUR INNOVATION STRATEGY NEED AN INNOVATION STRATEGY?

Re-architecting the way your business thinks about strategy and innovation to better compete in an increasingly competitive world.

PRESENTER: Frank Mruk FAIA, FStratPS

Frank is an architect, educator, author and currently the executive director of the Center for Strategic Innovation. He has taught at Roger Williams, Parsons, NYU, RISD and NYIT where he also served as associate dean. Frank has the unique honor of being the only individual to be elevated to Fellowship by both the American Institute of Architects and the Strategic Planning Society.

DESCRIPTION: Frank will discuss the application of next generation design, strategy and innovation principles for Smart Cities, Corporations and Government.

OCTOBER 11, 2017

THINGS THAT CAN'T BE SPECIFIED:

An attitude about design process and a business school case study example

PRESENTER: Steve Imrich, FAIA, LEED AP BD+C, Principal, Cambridge Seven Associates, Inc.

Steve has been a major contributor to C7A's innovative projects with skills in the integration of design, technology, sustainable building systems and interpretive features. He has led, managed, and collaborated on the design of a wide range of projects from public attractions such as museums and aquariums, to visitor centers, airport terminals, and academic facilities. He has been the design principal for award winning projects such as the Complex Systems Laboratory for the MIT Aero/Astro Department, the LEED Gold Boston Children's Museum expansion and the LEED Silver Health and the renovation of the New England Aquarium Giant Ocean Tank. Steve is currently working on various science center and aquarium expansion plans along with a new mixed-use project on the University of Virginia grounds in Charlottesville.

DESCRIPTION: Specifiers and designers try to craft the most comprehensive descriptions for building components and their installation execution, yet the most obvious quality of a building, its general 'appearance' is not included in the project manual. This talk will touch upon an attitude about the design process and a kind of underpinning philosophy related to a building's appearance before technical specifications are conceived. A case study about a recent business school project will augment some of the points.

NOVEMBER 15, 2017 (third Wednesday)

ILLUSTRATED GUIDE TO DOOR HARDWARE

PRESENTER: Scott Tobias, Principal, arkaSpecs Inc.

Scott has multidisciplinary experience serving architectural, design, owner, construction, and supplier teams for hardware specifications, existing facility assessments, installation inspections, and training. He has been active in DHI, AIA, and CSI.

DESCRIPTION: Scott will discuss the importance of door hardware as it relates to life safety, fire safety, security, sustainability, and convenience, with a focus on the door hardware industry standard "Sequence and Format of the Hardware Schedule", and how to use the checklist to ensure that all aspects of a door opening including function, code, and accessibility are addressed.

ADDITIONAL EVENTS

CONSTRUCT 2017 Providence, Rhode Island – September 13-15, 2017

ABX (ArchitectureBoston Expo) co-located with GreenBuild – November 8-10, 2017, Boston Convention and Exhibition Center. Look for Boston CSI sessions, more information to come.

MED/ED Facilities Conference – May 8 + 9, 2018 at the Seaport District

DECEMBER 11, 2017

WINTER SOCIAL:

Get a jump on the holiday season. Join us for a fun-filled Casino Night, stay tuned for additional details.

JANUARY 10, 2018 (CSI + ICRI)

WHERE THE ROOF MEETS THE WALL:

Parapets, Overhangs and other Stories

PRESENTER: Vince Cammalleri, AIA, Senior Principal at Simpson Gumpertz & Heger Inc.

Vince is the Building Technology Region Head for SGH's East Coast Operations that includes offices in Waltham, MA; New York City, NY; Washington D.C., and Chicago, IL. He has extensive experience in the design, investigation, and repair of building enclosures.

DESCRIPTION: Roof-to-exterior wall transitions can present complex detailing challenges. They tend to be project-specific, with varying configurations and limitations. They often incorporate large, and sometimes irregular, overhangs or parapets that project well beyond the delineation of the building's heated or conditioned space. These projections can reduce energy efficiency and lead to condensation and icicle formation in heating climates.

This presentation reviews design objectives for various configurations of the roof/wall interface and discusses detailing concepts for the successful integration of waterproofing, air, vapor, and thermal barriers across difficult transitions and projections. Technical and practical limitations of various design concepts are illustrated through case studies, along with the potential consequences of inadequate detailing.

FEBRUARY 21, 2018 (third Wednesday)

SKIN AND BONES:

Breaking Façade Design Down to its Essence

PRESENTER: Chris O'Hara, PE, SECB

Chris is a founding Principal of Studio NYL and the Director of the Skins Group a portion of Studio NYL dedicated to the holistic design of buildings and their skins including structural, thermal and hygrothermal analyses. Chris has unique experience with advanced façade technologies including structural glass, tension systems, GFRC, Ultra High Performance Concrete, and Terra Cotta. Chris has served as a board member for the AIA Colorado-North Chapter, AIA Colorado Knowledge Director, CONSTRUCT Education Advisory Committee and the Architectural Graphic Standards Editorial Advisory Board. He is also a board member of the Native American Sustainable Housing Initiative.

DESCRIPTION: The session is a Case Study driven review of façade systems and details. Critical design issues often occur at atypical conditions. Basic "rules of thumb" do not apply when the geometry or material choice requires more from the design. The discussion will focus on how to realize architectural vision by designing systems, rather than specifying proprietary products. Chris will examine how the elements of façades perform and how they can be reassembled to create elegant and efficient systems that perform as well or better than traditional systems. He will discuss the junction of transparent and opaque assemblies, where most facade failures occur. Topics will include continuous insulation, mitigation of thermal bridges, condensation, waterproofing and structure.

MARCH 13, 2018 (Thursday Evening)

USING VIRTUAL REALITY (VR)

TECHNOLOGY IN ARCHITECTURAL DESIGN

PRESENTER: David Hamel, Payette

David Hamel joined Payette in 2005 as a 3D Visualization Designer. He introduced VR / AR development as an architectural design tool and leads the company's virtual reality efforts with a vision to continually enhance the capabilities of the core design team.

DESCRIPTION: David will demonstrate how the use of VR can facilitate design discussion and discovery. He will show that Virtual Reality and Augmented Reality will play key roles in architectural design as both technologies continue to evolve in the future.

APRIL 11, 2018

UNIVERSITY OF MASSACHUSETTS, AMHERST DESIGN BUILDING

Leading the Way with Mass Timber Solutions

PRESENTER: Jeffrey Fishbein, AIA, Associate, Leers Weinzapfel Associates Architects

Jeffrey is a design-driven experienced Project Architect with an expertise in higher education facilities, renovation and adaptive re-use. Prior to joining Leers Weinzapfel much of his work focused on the renovation of architectural landmark buildings including the MIT Baker House Dormitory, and Memorial Hall at the Rhode Island School of Design (RISD). He also served as Project Architect for MIT's Simmons Hall Dormitory, and the RISD Museum Addition and New Campus Center. He has worked on higher education projects at Harvard University, Agnes Scott College, Boston College, Furman University, Wesleyan University, and Norwich University. At Leers Weinzapfel Jeffrey has worked as the Project Architect for the University of Connecticut Oak and Laurel Halls Classroom Building, the Greenfield Trial Court, and the Integrated Design Building at the University of Massachusetts, Amherst. Currently, he is Project Manager for the new Multi-purpose Academic Building at the Wentworth Institute of Technology.

DESCRIPTION: Jeffrey will present aspects of the design and construction of the UMass Amherst Design Building and discuss what drove the decision to use wood (specifically, mass construction timber) as the structural system for the project. He will talk about the project's background, context and design concept, walk us through the decision-making process of wood vs. steel and relate how code and budget concerns were met.

MAY 9, 2018

PANEL DISCUSSION -

From Research to Specifications to Healthier Environments

PRESENTERS: : Robin Dodson- Silent Spring Institute, Greta Eckhardt- Payette Associates, Inc., Heather Anne Henriksen - Harvard University Office for Sustainability, + Lisa Goodwin Robbins-Kalin Associates, Inc.

DESCRIPTION: Scientific studies are providing ever-increasing evidence demonstrating the effects indoor environmental quality can have on occupant health. We ask: How can results of scientific research on materials be most effectively translated into building design and requirements for construction? We will explore a process that uses facility standards and construction specifications as tools for translating scientific data into documents that can be enforced during building construction and share a case study in higher education.

JUNE 13, 2018

SUMMER SOCIAL:

Informal Boston Chapter Gathering – Beach, bocce, zoo, or picnic. Look for more information as summer approaches -

Plan to join us!