

## The Triangle Chapter of ASHRAE

Wednesday, May 13, 2020  
Monthly business meeting, and Educational Seminar:  
**NEW TIME, THIS MONTH ONLY**  
3:30 PM - 5:00 PM  
**VIDEO CONFERENCE (details below)**



The value and uses of BIM to Owners, Architects, Engineers, and the community

### **FEES & REGISTRATION:**

This video conferenced event is **FREE**, and does NOT require any pre-registration. Any and all are welcome to view and participate.

### **PRESENTATION: Building Information Modeling for the Mechanical Disciplines**

This presentation provides a consistent definition of BIM and provides the Mechanical Engineer with the information needed to begin the process of adopting and using BIM as an integrated design tool to optimize mechanical systems design, improve collaboration, minimize coordination errors and deliver better work products and results. It also provides Mechanical Engineers with the information they need have included in a BIM before they receive it so that they may take advantage of its value without having to spend unproductive time cleaning up corrupt or incomplete files and filling in missing information.

### **SPEAKER: M. Dennis Knight, P.E.; Principal**

Whole Building Systems, Mt. Pleasant, SC 29464

M. Dennis Knight joined ASHRAE in 1979 and has 44 years of experience providing engineering, design and construction related services within the building industry. Mr. Knight serves as a Director at Large on the ASHRAE Board of Directors and holds the membership grade of ASHRAE Fellow. Active at the local, state and national levels with various agencies and professional societies, he works to help develop sustainable, integrated building design guidelines. Nationally, as a member of ASHRAE, Mr. Knight is the Chairman of Standards Committee SPC 224 - "The Application of Building Information Modeling", is the former Chair of Technical Committee (TC) 7.1 "Integrated Building Design," and served as chair of the ASHRAE Building Performance Analysis Specialty Conference for six years.



Mr. Knight founded Whole Buildings Systems, LLC, in 2010 after having owned both an MEP engineering firm and a construction company, and most recently serving as a Principal at Liollo Architecture. Whole Building Systems' practice focuses on commissioning, building performance simulation, energy management, BIM applications, operations and maintenance management and planning.

Mr. Knight holds an assortment of professional registrations and accreditations. He is a Registered Professional Engineer in South Carolina, North Carolina, and Wisconsin and holds dual registration in South Carolina as both a Mechanical Engineer and a Fire Protection Engineer. He is a LEED Accredited Professional, a Construction Specification Institute (CSI) certified Constructional Specification Specialist, a American Commissioning Group (ACG) certified Commissioning Authority and Building Performance Institute (BPI) certified as both a Building Energy Analyst and a Building Envelope Professional."

## Meeting Focus - GOVERNMENT AFFAIRS

During the meeting we'll recognize our coordination with local and state government organizations

### **SCHEDULE: Monthly Presentation: NOTE EARLIER TIME !!!**

3:30 - 3:45 PM . . . Chapter's monthly business meeting  
(and review of the status of future meetings)

3:45 - 4:45 PM . . . Presentation, (chat function used for viewers to submit questions)

4:45 - 5:00 PM . . . Submitted questions answered by presenter.

### **Video Conferencing Info:**

From your computer, tablet or smartphone, join our meeting with the following link:

<https://global.gotomeeting.com/join/562297181>

Or you can dial in using your phone. (571) 317-3122 Access Code: 562-297-181

New to GoToMeeting? Get the app now and be ready when your first meeting starts:

<https://global.gotomeeting.com/install/562297181>

It's suggested that you connect a few minutes early to make sure the app is working on your system.

### **Speaker Evaluation Forms:**

It is very important to us that we get feedback on the speakers and presentations that we provide.

For video conference presentations, we will be using Google Doc forms version of the familiary Evaluation Forms normally left on the meeting tables. Please use the following link and fill in your answers.

[Speaker Evaluation Form \(gDoc\)](#)

Thank you VERY much!

### **PDH (Professional Development Hour) CREDIT:**

This video-conference presentation should meet the NC PE criteria for 1 hour of PDH credit.

See for clarification [NC Board's clarification of PDHs](#)

It shows that this video conferece, along with standard webinars will be an acceptable method of earning PDHs.

Note: their rules require you to keep additional records.

For In-Person programs, a copy of the Proof of Attendance sign-in sheet will be provided upon request to

[Secretary@TriangleASHRAE.com](mailto:Secretary@TriangleASHRAE.com).

Note: the Board of Governors will have a Leadership Team meeting prior to the monthly business meeting and presentation. Due to the quarantine, it will probably be a Video Conference. If you wish to be included, please email [President@TriangleASHRAE.com](mailto:President@TriangleASHRAE.com) .

-- Please distribute and post this information for anyone interested --