

# ASHRAE MONITOR

## HAMPTON ROADS CHAPTER

February 2020

### Chapter Officers

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William Castelvechi

#### President Elect

Carrie Anne Monplaisir

#### Vice President

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Matt Waltz

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#### Historian

Doug Cage

#### Membership Promotion

Kyle Bond

#### Research Promotion

Rich Roberts

#### Student Activities

Brian Derby

#### Student Advisor

Nathan Luetke

#### Website Editor

Scott Almond

#### Young Engineers in ASHRAE

(YEA) Jaron Waters



## NEXT MEETING

Tuesday, February 11th

### Panel Discussion - Fire Barrier Penetrations

Join us for a panel discussion on fundamentals of fire barrier penetrations and joints. Panel participants will give their perspectives on topics including:

- Code requirements for penetrations of fire barriers
- Quality control and design review process for fire barriers/penetrations
- AHJ approval process for fire barriers/penetrations
- Common field mistakes/lessons learned

Panel participants:

Fire Protection Engineer: Justin Wheeler PE, Mason & Hanger

Architect: Brian Gurczynski AIA, Clark Nexsen

Mechanical Engineer: Douglas Cage PE, Mason & Hanger

Code Official: Lawrence Phillips, PE Naval Facilities Engineering Command Atlantic

\$20.00 Members | \$25 non-members | Free to Students

Location: Clark Nexsen 4525 Main St, Virginia Beach, VA

11:45am-Noon: Meet & Greet

Noon-1: Technical Topic

RSVP

Season passes available on the chapter website.

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## Upcoming Events

Tuesday, February 11th

Joint ASPE Chapter Meeting (2nd Tuesday) – Panel Discussion

Tuesday, March 3rd

Dru Crawley, Distinguished Lecturer – Getting AEDGs to Net Zero Energy Buildings

Monday, April 6th

Richard Rooley, Distinguished Lecturer - Sublime chaos in construction: Each profession and trade as a strange and dominant attractor

VISIT US

[www.ashraehrc.org](http://www.ashraehrc.org)

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## ASHRAE's Mission and Vision

**Mission:** To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.

**Vision:** A healthy and sustainable built environment for all.



## NEW MEMBERS

**Ben Sablan**

**Douglas Coleman**

**Lamar Wise**

**Wil Taylor**

**Matthew Wilson**

**Kyle Bond**

**Gilbert Martinez**

**Steven Finley**

**Ozgur Altiparmak**

*WELCOME TO OUR NEW MEMBERS!*

## THE PRESIDENT'S PEN

Dear Members,

Hopefully everyone had a great time down in Orlando at the Expo. I've already been hearing about exciting new products from those that went. This past month, we held a tour of the Scope Arena and attended the Admirals Hockey game. While the home team didn't pull out the victory, we all had a good time and learned a lot about the Scope's ice making capability. We hope to make this an annual event and appreciate the feedback we received from those in attendance.

Our upcoming meeting schedule is packed with panels and Distinguished Lecturers. We are fortunate to be able to share three DLs with other nearby chapters and provide high quality content for Hampton Roads. We look forward to hosting these presenters and hope to see everyone there.

Regards,

Will Castelveccchi, PE

## VOLUNTEERS NEEDED!

The Chapter is looking for volunteers for the 2020-2021 chapter year. Contact Will Castelveccchi to inquire about open positions.

## ASHRAE JOURNAL ARTICLE: CYBERSECURITY

An attack on a building automation system in two apartment buildings in Finland left residents in the cold during the winter of 2016. A distributed-denial-of-service (DDoS) attack hit the Domain Name System service and disabled remote connection access forcing building management to inspect the homes on-site. The automation system that controlled the homes' heating, hot water and ventilation systems continuously rebooted, until the system stopped working entirely.

By disconnecting the system from the Internet, the problem was resolved in about an hour. While the building automation system attack did not cause lasting or life-altering damage, the lack of awareness of building automation system security can result in damage to a facility and its occupants, said Levi Tully, Member ASHRAE...

Excerpted from "Building Automation Systems: Addressing the Cybersecurity Threat" by Mary Kate McGowan, Associate Editor, News. [Read full article here.](#)

## A LITTLE SLICE OF HISTORY PART 6: YEAR OF THE CENTENNIAL

This segment is part of a series detailing the 1998 "History of the Chapter" by James L. Carver, a report summarizing the Chapter's history from 1946 through 2000.

Year of the Centennial, 1894-1994. In 1994, the Chapter had 142 members and \$4,000 in the bank. The cost of a meal at a chapter meeting was \$18. Meeting attendance was down, and volunteers for committee positions were scarce.

The next year Hampton Roads would again host the CRC, with SEE-R-SEA '95. The Norfolk-by-Sea event was held at the Norfolk Marriott Hotel. CRC Chairman was Dan Pettway,

and Chapter President was Ted Ambrose. In attendance was Milton Garland who celebrated along with ASHRAE his 100th birthday.

A Chapter meeting that year had the honor of Society President Billy Manning speaking on the theme "Building on the Shoulders of Giants." Research Promotion collected \$22.06 per member or \$4500.

Research Promotion collected \$22.06 per member or \$4,500. Total attendance problems persisted, with the cost of a chapter meeting meal at \$20 and \$3,504 in the bank.

More next month...

## 2019-2020 Chapter Events

### Tuesday, February 11th

Joint ASPE Chapter Meeting - Panel Discussion

### Tuesday, February 18th

Board Meeting

### Tuesday, March 3rd

Dru Crawley (DL) Getting AEDGs to Net ZeroEnergy Buildings

### Tuesday, March 17th

Board Meeting

### Tuesday, April 7th

Chapter Meeting - Past Presidents

### Tuesday, April 21st

Board Meeting

### Tuesday, May 5th

Chapter Meeting (Last of the 2019-2020 Season)

### Tuesday, May 19th

Board Meeting

### Thursday, May 28th

ASHRAE / IFMA Golf Tournament

### Tuesday, June 16th

Board Meeting

### June 27th - July 1st

ASHRAE Annual Conference - Austin, TX

### August 13th - 15th

Region III CRC @ Key Bridge Marriott Hotel, Washington DC

2019-2020  
Sponsors & Donors

Thank you to the first round of sponsors who have pledged for the 2019-2020 season. Your commitments have us well on the way to another successful year

From the entire board:

THANK YOU!

Interested in seeing your company name here? It's never too late! Email the board at [ashraehrc@gmail.com](mailto:ashraehrc@gmail.com) or visit our website at [ashraehrc.org/sponsors](http://ashraehrc.org/sponsors)

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