

ASHRAE 2019
REGION III CRC
Hampton Roads, VA

Thursday, Aug 15, 2019

Registration	7:00 AM— 6:00 PM
Morning Technical Session	8:00 AM— 11:30 AM
Buffet Lunch	12:00 PM— 1:00 PM
Afternoon Technical Session	1:00 PM— 4:30 PM
Caucus & Executive Session	6:30 PM— 10:00 PM
Hospitality	5:00 PM— 10:00 PM

Friday, Aug 16, 2019

Registration	7:00 AM— 5:30 PM
First Session Business Meeting	8:00 AM— 11:45 AM
Presidential Luncheon	12:00 PM— 2:00 PM
Second Session Business Meeting	2:15 PM— 5:00 PM
Welcome Reception	5:30 PM— 9:00 PM

Saturday, Aug 17, 2019

Registration	7:00 AM— 12:00 PM
Leadership Workshop & Breakfast	8:00 AM— 10:00 AM
Chapter Workshops Chapter Operations Historian Secretary/Elec. Communications Chapter Finance	10:15 AM— 11:45 AM
Awards Luncheon	12:00 PM— 2:00 PM
Committee Workshops CTTC Government Affairs Membership Promotion Research Promotion Student Activities Young Engineers in ASHRAE	2:00 PM— 4:30 PM
Wrap-up Session	4:45 PM— 6:00 PM

Visiting Society Officers & Staff

Society President	Darryl K. Boyce, P.Eng.
Society Vice President	K. William Dean, P.Eng.
Membership & Customer Service Manager	Daniel Gurley

Region III Officers 2019

DRC:	Dunstan L Macauley, PE
ARC:	Mark Tome, PE
Treasurer:	Roger K Jones, PE

Regional Vice— Chairs

Research Promotion	Christopher Desoto
CTTC	Tracey Jumper, CCP
Student Activities	James Piscopo, PE
Membership Promotion	Patrick Marks, PE FASHRAE
Historian	Gary Debes
GGAC	Kinga Porst-Hydras, CEM
ECC	Stephanie Mages, PE
YEA	Lindsey King
Nominating	
Member	Paul Petrilli, PE
Alternate	Sherry Abbott-Adkins, PE

Hampton Roads Chapter

Board of Governors	Christian Guerra Dan Johnston Brian Derby
President:	Will Castelvechi
President-Elect:	Carrie Anne Monplaisir
Vice President:	Matt Waltz
Treasurer:	Matt Waltz
Secretary:	Jaron Waters
CRC Committee:	
General Chairman:	Brian Derby
Vice Chair/Accommodations:	Nancy Mitchell-Veeck
Treasurer/Finance Chair:	Dan Pettway
Hospitality:	Dan Johnston
Sponsorship Chair:	Rich Roberts
Technical Programs:	Rob Ainsley
Registration Chair:	Douglas Henderson
At-Large Members:	Jaron Waters, Christian Guerra



CRC 2019
Hampton Roads
Chapter

**Welcomes you
and your family to
ASHRAE Region III
CRC 2019**

www.ashraehrc.org/crc-2019

August 15, 16, & 17 2019

Region III Chapters

Anthracite
Baltimore
Central Pennsylvania
Hampton Roads
Johnstown
Lehigh Valley
National Capital
Philadelphia
Pittsburgh
Richmond
Roanoke



Hilton Norfolk
The Main

100 East Main Street, Norfolk, VA 23510

2019 Region III Technical Sessions

Track 1—Fundamentals and Applications

Chiller Plant Design Fundamentals

Variable Flow Chiller Plant Design

Why Buildings Matter and the Role of ASHRAE 90.1

Understanding Dustless Infrared Radiant Heating vs. Forced Air Heating

Track 2—Resilient and Sustainable Strategies for the Built Environment

Impacts of Climate Change & Urbanization

A Window on the Future: The Role of Fenestration in Building Performance

Standard 189.1: Structure, Requirements and Energy Savings

Commissioning Challenges and Perspectives Panel Discussion

Family Activities

Nauticus, the National Maritime Museum	5 blocks (\$\$)
Virginia Zoo	3.0 miles (\$\$)
Norfolk Botanical Gardens	12.3 miles (\$\$)
Sun and Fun at the Virginia Beach Boardwalk	18.2 miles (\$)
Virginia Air & Space Museum	17.4 miles (\$\$)
Virginia Aquarium & Marine Science Museum	20.4 miles (\$\$)
Busch Gardens /Colonial Williamsburg	41.4 miles (\$\$\$)
Children's Museum	9 miles (\$\$)

WELCOME RECEPTION/CRUISE

Friday August 16, 2019 5:30 PM to 9:00 PM

Cruise leaves Town Point Park at 6:00pm sharp.

Town Point Park is a short walk from The Main.

Experience the spectacular city skylines, US Navy ships and breathtaking sights of local water ways in Hampton Roads all from a unique vantage point. Join us for a family friendly tour on the Carrie B cruise ship. The Carrie B is an authentic replica of a 19th century paddle wheeler. The Carrie B has two decks including an enclosed climate controlled lower deck and open air upper deck. The tour will include seeing some of the US Navy ships homeported at the largest naval base in the world. On board you will enjoy a dinner of North Carolina BBQ, fried chicken, and sides, as well as, beer and wine.



Directions to CRC 2019 Norfolk & The Main

100 East Main Street, Norfolk VA 23510

From the North

Take I-95 South to I-295 East towards Norfolk. Take the exit to I-64 East. Exit I-64 at I-264 West. Exit I-264 at Waterside Drive. Right on Martin's Lane, the left on E. Main Street. The main will be on the right.

From the West

Take I-64 East to I-295 East towards Norfolk. Take the exit to I-64 East. Exit I-64 at I-264 West. Exit I-264 at Waterside Drive. Right on Martin's Lane, the left on E. Main Street. The main will be on the right.

From the East

Take the Atlantic Ocean to the Chesapeake Bay to Elizabeth River and dock at Waterside. Uber or walk to the hotel.



Hilton Norfolk
"The Main"

There are other routes to the hotel by driving through Norfolk. These routes may or may not be faster depending on traffic. Check VA 511 for traffic information about alternate routes in the event of traffic congestion at the Hampton Roads Bridge tunnel.

Hotel Arrangements:

A block of rooms has been reserved at Hilton Norfolk The Main for August 14th through August 18th at a rate of \$164 per night (plus tax).

To guarantee this rate, reserve your room online before **July 15th** through Hilton here:

<http://www.hilton.com/en/hi/groups/personalized/O/ORFWAHH-ASH-20190814/index.jhtml>

Reserve by Phone: 1(866) 266-3306



2019 Region III Registration Form

Name: _____

Spouse/Companion: _____

Address: _____

ASHRAE Chapter: _____

Member: _____ Student: _____ Delegate/At _____

ASHRAE Position(s) Currently Held: _____

E-mail: _____

Payment online through ASHRAE

Or Make Checks Payable to: Hampton Roads

ASHRAE Chapter—CRC

C/o Dan Pettway

1416 Birch Leaf Road

Chesapeake, VA 23320

Members

CRC Registration	
Early Bird	\$225= \$ _____
Regular	\$260= \$ _____
Registration includes Welcome Reception and Awards Luncheon	
President's Luncheon	\$40 = \$ _____
Spouse President's Luncheon	\$20 = \$ _____
Welcome Reception/Cruise (Non- registered member)	\$65 = \$ _____
Spouse Reception/Cruise	\$65 = \$ _____
Children 10 and under	\$20 = \$ _____
Awards Luncheon (Non- registered member)	\$40 = \$ _____
Spouse Luncheon	\$20 = \$ _____
Technical Sessions Full Day with Lunch included	\$150 = \$ _____
Morning Technical Sessions 1/2 day with Lunch included	\$80 = \$ _____
Afternoon Technical Sessions 1/2 day with Lunch included	\$80 = \$ _____
Total Amount Enclosed	\$ _____

Student pricing is available on the HR ASHRAE web site.

CRC Registration Fee must be included to attend any functions on Friday and Saturday. Technical sessions do not require CRC Registration.