



The Anthracite Chapter
NEWS
September-2022

ASHRAE - Shaping Tomorrow's Built Environment Today

2022-2023 OFFICERS & CHAIRS

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President's Message

Hello ASHRAE members and Friends.

Welcome back Anthracite Chapter! I hope everyone had a great summer. With Labor Day and the unofficial end to summer behind us so starts a new year of activities for our chapter.

This year I am honored to support the Anthracite Chapter as President. I'm thankful for this opportunity and would like to take a moment to acknowledge our 2022-2023 officers and committee chairs, both those who have continued their support from last year and those who have stepped up to volunteer this year. Thank you for your commitment! Together we will work to have a successful year. The success of our chapter is built upon the involvement of the membership and the volunteer's hard work.

Last month we were host for the CRC (Chapters Regional Conference). Hats off to the committee chair, all the volunteers and all the sponsors. It would not have been possible without their hard work and financial support. And thank you to all who attended and represented our Chapter. The chapter received several awards during the Awards Luncheon. Mike Mecchi hit it out of the park, receiving "Top Gun", "Limelight", "Presidential Award of Excellence" and "Blue Ribbon" for his work at Membership Promotion. We had the highest gain of new members for the Region. He also received a "Special Citation" for PAOE. We also received a "High Five" for exceeding our RP goal and a "Top Five" for runner-up for total dollars raised by chapter size. A big thank you to all that helped us exceed the chapter's goal!

September's meeting theme is Membership Promotion. Bring-a-buddy and enjoy adult beverages on the deck at the Woodlands in Wilkes-Barre. And new this year, you can pre-register on our website at:

https://anthraciteashrae.weebly.com/meetings.html

See you there!

Ron Sibulsky
ASHRAE Anthracite Chapter President
2022-2023

# ASHRAE ANTHRACITE CHAPTER MEETING

Tuesday, September 20, 2022

## FLOW AND BTU METERING

This Presentation is N.Y. State 1.0 PDH Accredited

Pre-register on our website at: <https://anthraciteashrae.weebly.com/meetings.html>

Presented By:

**Dennis J. DeMizio**

2 Strathmere Street  
Waretown, N.J. 08758  
(973) 868-7021

[ddemizio@armstronginternational.com](mailto:ddemizio@armstronginternational.com)

Born in Elizabeth, NJ, college educated at Florida Institute of Technology graduating with a B.S in Oceanographic Technology. Married for 38 years and have two sons. Proud grandfather to 5-month-old Sophia. For the first five to seven years after college, worked in the maritime industry designing and installing cathodic protection systems on ships and oil rigs worldwide. Also worked in support of the US Navy AEGIS Cruiser program at Ingalls's Shipyard, MS and Ships Parts Control Center, Mechanicsburg, PA. Afterwards, spent the majority of my career working for a HVAC/Industrial manufacturer's representative in Randolph, NJ covering the consulting engineering community in New York and northern New Jersey. Steam pressure reducing station design, pipe expansion analysis for expansion & flexible ball joints; condensate handling systems as well as flow metering applications. Happily joined Armstrong International in February 2018 as NY Metro Technical Manager. Moved to south Jersey in 2020. Continue to struggle with my golf game.

**A Certificate of Attendance will be emailed to attendees**

<b>Location:</b>	<b>The Woodlands</b> 1073 Highway 315, Wilkes-Barre, PA 18702 570-824-9831
<b>Schedule:</b>	5:00 - 5:45 PM      Business Meeting (All are Welcome) 5:30 - 6:30 PM      Social Hour (Cash Bar) 6:00 - 6:30 PM      Dinner/Program Registration 6:30 - 7:15 PM      Dinner (Buffet) 7:15 - 8:30 PM      Announcements and Presentation
<b>Cost:</b>	<b>\$35.00</b> cash or check / <b>\$37.00</b> credit card / <b>FREE</b> for Students

**Only If You Are Planning To Attend Please Respond By 2:00 PM on Friday, September 16, 2022**  
to Ron Sibulsky at 610-223-6528 or via email at [c134@ashrae.net](mailto:c134@ashrae.net)

# NEWS and Notes

Pictures from Region III CRC, August 18th - 20th, 2022

Accepting Mike Mecchi's Awards:



Presenting Awards to the CRC Planning Committee Present:



Business meeting Presentation:



Throughout the Event



# **NEWS and Notes**

## **Research Promotion**

**An Article by our RP Chair, Amanda Hall**

ASHRAE Research

Our mission is simple, to improve the quality of life and to answer tomorrow's questions through research today!

Founded in 1894, the American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) is an international nonprofit technical engineering society. We fulfill our mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

Our Research Program was established in 1912 and we support a great amount of research projects. All projects are key in the development of technical information to create standards and guidelines, which serve as the basis for testing and design practices around the world. Our research sets us apart from other professional societies and associations of its kind.

Some of our donor-supported projects over the years include:

- RP1603 Role of HVAC Systems in the Transmission of Infectious Agents in Buildings
- RP1262 Increased Health and Comfort of Airline Passengers
- RP1397 Enhanced Air Distribution and Reduction of Contaminates in Operating Rooms
- RP1499 The Effect of Humidity on the Reliability of ICT Equipment in Data Centers
- RP1449 Energy Efficiency and Cost Assessment of Humidity Control Options for Residential Buildings

Some of our current 2022 projects include:

- RP1738 Field Measurements and Modeling of UVC Cooling Coil Irradiation for HVAC Energy Use Reduction
- GIA (Grant in Aid) 16-17 Transport of Indoor Biological Dust
- RP1756 Evaluation of Particle Sensors for Indoor Air Quality Monitoring and Smart Building Systems

All our of our Research Projects are overseen by Technical Committees, all members just like us! If you are interested in getting involved in TC, please visits [Ashrae.org/research](https://www.ashrae.org/research).

Our ASHRAE Research helps the environment, creates better living and working conditions, and prevents the spread of bacteria and diseases!

Every one dollar donated to research *is* one dollar to research – We, the Anthracite Chapter of ASHRAE, invite you to become involved in our chapter activities. We realize your contribution may only be donating to research projects; but, your donation earns recognition throughout the year on our website and during our Chapter Meetings. We can never say Thank You enough!

You can support via online, phone, or at our Chapter Meetings!

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

(484) 743-6682

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**ASHRAE HVAC Design Training  
BALTIMORE, MD**



Level I & II Training Offered – Register for Both and Save

**HVAC Design: Level I – Essentials**

**When:** September 26-28, 2022 | Baltimore, MD

Level I – Essentials September 26-28, 2022	Member	Non-Member
<b>Early Bird – 60 Days</b>	<b>\$1,086</b>	<b>\$1,358</b>
<b>Early Bird – 30 Days</b>	<b>\$1,109</b>	<b>\$1,386</b>
<b>Standard</b>	<b>\$1,143</b>	<b>\$1,429</b>

[Register Now](#)

ASHRAE's HVAC Design: Level I – Essentials provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

**HVAC Design: Level II – Applications**

**When:** September 29 – 30, 2022 | Baltimore, MD

Level II – Applications September 29 – 30, 2022	Member	Non-Member
<b>Early Bird – 60 Days</b>	<b>\$747</b>	<b>\$934</b>
<b>Early Bird – 30 Days</b>	<b>\$763</b>	<b>\$954</b>
<b>Standard</b>	<b>\$786</b>	<b>\$983</b>

[Register Now](#)

Register for BOTH training sessions to save money  
and fast track your experience level!

ASHRAE's HVAC Design: Level II – Applications provides instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. In two days, gain an in-depth look into Standards 55, 62.1, 90.1, 189.1 and the Advanced Energy Design Guides. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability/Green/LEED/HPB/NZEB
- Standard 55
- Standard 62.1
- Building Systems: Education Facility
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals
- Life Cycle Cost
- Building Systems: Multi-story Office Building
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Water-to-Water GSHP Option 2 UFAD

## Your Instructors

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**Dennis Wessel, P.E., Fellow/Life Member ASHRAE, LEED® AP**

[>> View Bio](#)



**Charlie Henck, P.E., Fellow/Life Member ASHRAE, CEM, LEED® AP**


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**Company Discount: Enroll 3 or more participants from the same company at the same time and SAVE!**

**Newsletter Sponsors - THANK YOU TO ALL WHO SUPPORTED THE CHAPTER!**



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I hope all who have sponsored our Chapters newsletter last year will continue with your support. Newsletter sponsorship is still \$50 for the year, and your check can be sent to Michael Mecchi, Treasurer, or given to any of our Officers at the next meeting.

If anyone else would like to sponsor the newsletter, or know of someone who might, please contact myself, or any of the Officers.

*The display of business cards in the NEWS recognizes the financial support of the Chapter by the individual or business and does not constitute an endorsement or recommendation by ASHRAE or the Anthracite Chapter.*



<b>Anthracite Chapter Past Presidents</b>			
2021-22 Michael Mecchi	2010-11 Tom Swartwood	1999-00 John Durdan	1988-89 Bud Reilly
2020-21 Michael Mecchi	2009-10 Brian Flynn	1998-99 Matthew Martin	1987-88 Ray Suhocki
2019-20 Marjorie Gelso	2008-09 Eric Zanolini	1997-98 Dean Butler	1986-87 Jerry Peznowski
2018-19 Eric Turner	2007-08 Walt Janus	1996-97 Charlie Smith	1985-86 Lee Garing
2017-18 Eric Turner	2006-07 John Havenstrite	1995-96 Chuck Swinderman	1984-85 Spence Martin
2016-17 Alyssa Procida	2005-06 Manish Patel	1994-95 John Walker	1983-84 Donald Brandt
2015-16 Rich Karns	2004-05 A.J. Lello	1993-94 Dennis McGraw	1982-83 Rich Santee
2014-15 Matt Archey	2003-04 Dennis Gochoel	1992-93 Scott Harford	1981-82 Bob Mugford
2013-14 Matt Archey	2002-03 Phil Latinski	1991-92 Dan Mello	1980-81 Kerry Freeman
2012-13 Tracey Jumper	2001-02 Mike Moran	1990-91 Mark Hagen	
2011-12 A.J. Speicher	2000-01 Dennis Gochoel	1989-90 Paul Dreater	

## **ANTHRACITE CHAPTER MEETING & EVENTS 2022-23**

<b>Date</b>	<b>Theme</b>	<b>Program</b>	<b>Speaker</b>
Sept. 20	Membership/ Bring A Buddy	Flow and BTU Metering	Dennis DeMizio
Oct. 18		Update on Codes related to Kitchen Hood Design	Eric Buckman
Nov. 15	Research Promotion Donor Recognition	Pool Dehumidification	Bill Chase
December		No Meeting	
Jan. 17	Research Promotion	Strategic Electrification, Decarbonization and the Role of Heat Pumps	Phil Latinski
Feb. 4 - Feb. 8	Winter Conference AHR Expo	2023 ASHRAE Winter Conference & AHR Expo, Atlanta, GA	
Feb. 21	Engineer's Week Joint Mtg w/PSPE	TBD	TBD
Mar. 21	Nominating Night Joint Mtg w/SMACNA	TBD	TBD
Apr. 18	Students/Membership Promotion	TBD	TBD
May. 23	ASHRAE Webcast Past Presidents	TBD	TBD
June 20?	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	
	Fun & R.P.		
Aug. 20-22	CRC	2023 Region III CRC, Baltimore, MD	

\* ASHRAE Distinguished Lecturer

### **ASHRAE MISSION**

To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.

### **ASHRAE VISION**

ASHRAE will be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for professional growth in the arts and sciences of heating, ventilating, air conditioning and refrigerating.

### ***The Anthracite Chapter NEWS***

Ron Sibulsky, Editor c/o 1331 Lincoln Street, Catasauqua, PA