



*The Anthracite Chapter*

**NEWS**

**May 2022**

**ASHRAE - Shaping Tomorrow's Built Environment Today**

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## President's Message

Hello ASHRAE members and friends.

Our meeting this month will be back at The Woodlands Inn in Wilkes-Barre. I look forward to seeing you on the deck!

We are very happy to welcome ASHRAE distinguished lecturer, Dr. William Bahnfleth as our presenter this month. Please see page 2 for meeting information.

This is our final meeting of the society year. This month we celebrate our past presidents. Please take the time to thank them for all they have done to help make our chapter better under their leadership.

On June 1<sup>st</sup> we will once again be presenting scholarships to two graduates at Columbia-Montour Vocational Technical School in Bloomsburg, PA to help them continue their education and careers.

If you haven't already done so, please get your registrations in for the golf outing to Jon Keller ASAP. Please see golf flyer on page 3 of the newsletter. Registration forms can be found on our website:

<https://anthraciteashrae.weebly.com/golf-outing.html>

We are soliciting hole sponsorships for the tournament in our chapter's continued efforts to support ASHRAE Research. Companies sponsoring a hole will pay \$125.00 per hole. New permanent signs with sponsor name and company logo will be posted at each tee. Send your logo to Alyssa Procida at [aprocida@climatempac.com](mailto:aprocida@climatempac.com) before June 10, 2022. Your hole sponsorship is tax deductible and receipts are available upon request.

Thank you for your continuing support of ASHRAE and the Anthracite Chapter,

A handwritten signature in green ink, appearing to read "Michael Mecchi".

Michael Mecchi

Anthracite ASHRAE President 2021-2022

Chapter Website: <http://anthracite.ashraechapters.org>

# ASHRAE ANTHRACITE CHAPTER MEETING

Tuesday May 17, 2022

## INTEGRATING INDOOR AIR QUALITY AND ENERGY EFFICIENCY IN BUILDINGS

Buildings are one of the largest energy end use sectors in countries around the globe. Concerns for the availability of energy supplies and the impact of energy use on the environment are driving a worldwide focus on energy end use reduction. In this push for dramatic changes in the energy use intensity of the building sector, it is essential that the fundamental importance of indoor environmental quality, particularly indoor air quality, not be lost. This presentation addresses: 1) the significance of indoor air quality in terms of its impact on health and productivity and associated costs; 2) the inseparable linkage between indoor air quality and building energy demands, including examples of efficient technologies for maintaining good indoor air quality; and 3) the need for an approach to building research, design, and operation that recognizes this connection.

Presented by

### William P. Bahnfleth, Ph.D., P.E.

William Bahnfleth is a professor of architectural engineering at the Pennsylvania State University (Penn State) in University Park, PA, where he has been employed since 1994. Previously, he was a Senior Consultant for ZBA, Inc. in Cincinnati, OH and a Principal Investigator at the U.S. Army Construction Engineering Research Laboratory in Champaign, IL. He holds BS, MS, and PhD degrees in Mechanical Engineering from the University of Illinois, where he also earned a Bachelor of Music degree in instrumental performance. He is a registered professional engineer. At Penn State, Dr. Bahnfleth teaches undergraduate courses in HVAC fundamentals, HVAC system design, and controls and graduate courses in chilled water systems, hot water and steam systems, and indoor air quality. His research interests cover a wide variety of indoor environmental control topics including chilled water pumping systems, stratified thermal energy storage, protection of building occupants from indoor bioaerosol releases, ultraviolet germicidal irradiation systems, and others. He is the author or co-author of more than 170 technical papers and articles and 14 books and book chapters. He consults on the design of chilled water thermal energy storage systems and has been involved in more than 20 projects world-wide.

Dr. Bahnfleth is a fellow of ASHRAE, the American Society of Mechanical Engineers (ASME) and the International Society for Indoor Air Quality and Climate (ISIAQ). He has served ASHRAE in a variety of capacities, including Student Branch Advisor, Chapter Governor, Technical Committee and Standing Committee Chair, and as Director-at-Large, Vice President, Treasurer, and 2013-14 Society President. His honors include a 1st place ASHRAE Technology Award, Transactions Paper Award, Distinguished Service and Exceptional Service Awards, The Louise and Bill Holladay Distinguished Fellow Award, the E.K. Campbell Award of Merit and the F. Paul Anderson Award. He is also a recipient of the Penn State Engineering Alumni Society's World-Class Engineering Faculty Award.

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

Location: **The Woodlands Inn**  
1073 Highway 315, Wilkes-Barre, PA 18702 Ph:570-824-9831

Schedule: 5:00-5:45 p.m. Business Meeting (All are Welcome)  
5:30-6:30 p.m. Social Hour (Cash Bar)  
6:00-6:30 p.m. Dinner/Program Registration  
6:30-7:15 p.m. Dinner (Buffet)  
7:15-8:30 p.m. Announcements & Presentation

Cost: \$ 35.00 cash or check / \$ 37.00 credit card / FREE for Students

Only If You Are Planning to Attend Please Respond by 2 pm on FRIDAY May 13, 2022  
to Michael Mecchi at (610) 674-3326 or via e-mail at [c134@ashrae.net](mailto:c134@ashrae.net)

# NEWS and Notes

## Membership News

### New Chapter Member

Please welcome the newest member to our chapter: Mike Troy of Troy Mechanical. Welcome Mike to the Anthracite Chapter!

## 2022 Mark A. Hagan, PE Memorial Annual Golf Outing



## 2022 Mark A. Hagan, PE Memorial Annual Golf Outing

**JUNE 21, 2022**

### Cost:

**Golf & Lunch** – \$125 Per Person

**Hole Sponsor** – \$125 Per Hole

Singles & Foursomes are welcome!



Tournament



Dinner



Fun & Prizes!

### Where?



260 Country Club Drive  
Mountain Top, PA 18707

### Times

10:00 - Registration

11:00 - Shotgun start



### MAIL PAYMENT to:

ASHRAE Anthracite Chapter

1400-02 N. Washington Ave, Scranton, PA 18509

RSVP to: Jon Keller | Phone: 570-342-7778 | Email: jon@jfohora.com

# NEWS and Notes

## Technology Corner

### ASHRAE Technology Portal

ASHRAE Technology Portal is your one-stop location for ASHRAE papers, articles, reports, Handbook PDFs, and seminar recordings. ASHRAE Members have free access to download ASHRAE Journal articles and ASHRAE Research Reports. ASHRAE Transactions and Conference Papers and seminar recordings from ASHRAE conferences are also available to Members and nonmembers by subscription.

Link to the ASHRAE Technology Portal: <https://www.ashrae.org/technical-resources/technology-portal>

If you have a technical article that you would like to see included in a future edition of the *NEWS*, please submit articles to CTTC Chair Dennis Gochoel [c134prg@ashrae.net](mailto:c134prg@ashrae.net) for consideration.

## CRC (Chapters Regional Conference) 2022

Our CRC website page will be active next week with registration link, sponsorship information, and more. <https://anthraciteashrae.weebly.com/region-iii-crc-2022.html>

We are looking for volunteers to help during the event to welcome guests, provide direction, etc. Please contact Dennis Gochoel (Our CRC Committee Chairperson), or any chapter officer if you can help to make this event spectacular.

## SAVE THE DATES



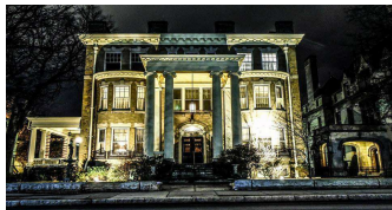
### 2022 ASHRAE Region III CRC

August 18, 19 and 20, 2022

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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
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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	
2010-11 Tom Swartwood	1999-00 John Durdan	1988-89 Bud Reilly	

## ***ANTHRACITE CHAPTER MEETINGS & EVENTS 2021-22***

<b>Date</b>	<b>Theme</b>	<b>Program</b>	<b>Speaker</b>
Sept. 21	Membership/ Bring-a-Buddy	Bi-Polar Ionization Technology	Carlos Gendron
Oct. 19		Boiler and Generator Venting	Judd Vail
Nov. 16	Research Promotion/ Donor Recognition	Circulator pumps for heat and chilled water applications utilizing ECM and VFD technology	Brett Zerba
December	Family Night	No Meeting	--
Jan. 18	Research Promotion	UVC/UVGI Technology; Effective and Affordable Solutions	Jennifer Flodin
Jan. 29-Feb. 2	Winter Conference/AHR Expo	2020 ASHRAE Winter Conference & AHR Expo, Las Vegas, NV	--
Feb. 15	Engineer's Week Joint Meeting w/ PSPE	Check Valves	Stewart Mills
Mar. 15	Nominating Night Joint Mtg. w/ SMACNA	Desiccant Dehumidification Technology	Chris Morley
April 19	Students/Membership	The Exceptional Advantages of Using Shell & Coil Vertical Heat Exchangers for Generating Heating Hot Water and Domestic Hot Water from Steam.	Rick Kobylinski
	ASHRAE Webcast	TBD	TBD
<b>May 17</b>	<b>Past-Presidents</b>	Integrating Indoor Air Quality and Energy Efficiency in Buildings	*Dr. William Bahnfleth
Jun. 21	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	--
	Fun & Research Promotion	TBD	--
Aug. 18-20	Chapters Regional Conf.	2022 Region III CRC	--

### **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***

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