



*The Anthracite Chapter*

**NEWS**

**February 2018**

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

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**President's Message**

To celebrate Engineers week we are have a joint meeting with the Pennsylvania Society of Professional (PSPE). As Engineers we make the modern world possible. We work together with Architects, Designers and Clients to manifest their ideas into reality. Let's share our enjoyment of the Sciences which make amazing things happen with our youth.

We are honored to have Distinguished Lecturer Mitchell Swann joining us again, He will be will be giving a talk about Green Design & Sustainability.

We have formed the Nominating Committee for the upcoming officer elections. The success of the Chapter requires volunteers. Please put your name forward or nominate someone for a position that interests you. You can contact the Chapter Secretary Walter Stout. We will also need volunteers for the Golf outing and the Car show.

Remember we are engineering for a better world.

Thank you

*Eric Turner*

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

# **ASHRAE ANTHRACITE CHAPTER MEETING**

## **Tuesday February 20, 2018**

### **Green Design & Sustainability – Un-definable Success in a Defined World**

Presented by

**E. Mitchell Swann, PE, LEED AP**

Mr. Swann has over 30 years of extensive experience in the areas of system design, project management, risk management and forensic project analysis on both domestic and international projects. He has executed projects in a wide range of industries and buildings types including commercial, institutional, high-tech and industrial facilities. Mr. Swann has chaired technical committee within national and international organizations and been a contributing author and editor for ASHRAE's "Green Guide" and ASHRAE's Design-Build Survival Guide. He has been an ASHRAE Distinguished Lecturer since 2007.

Mr. Swann is currently Vice-chair and Treasurer of the Philadelphia Energy Authority, a Board Member of Green Building United (formerly the Delaware Valley Green Building Council) and past President of The Engineers Club of Philadelphia. He is a member of ASHRAE, the American Bar Association and the US Green Building Council.

The marketplace has embraced 'sustainability' as a value-added feature in design, construction and operations. However, sustainability is not necessarily a 'line item' technology which can be added or deleted at will like the substitution of ceramic tile for sheet vinyl. If sustainability is value-added, then it is desirable and as such, would be designated as a term of the project contract. If so, what parameters should be used to measure compliance with that portion of the contract? Given the interrelationship of design, construction and operation on actual building performance, how are these interrelationships factored into the issues of contract compliance? If sustainability does have a value, a failure to achieve 'it' in a completed project should diminish the project value relative to the contract. A loss of value relative to the contract could establish grounds for compensation for that loss. How is that value to be measured and how is the loss of same to be compensated for? The program will identify and analyze the typical issues which impact the achievement of sustainable design and operation and provide a framework in which to assess value for those issues.

**A Certificate of Attendance will be available at the registration table**

Location: **Radisson Lackawanna Station Hotel**  
700 Lackawanna Ave., Scranton, PA 18503, (570) 342-8300

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: \$ 30.00 cash or check / \$ 32.00 credit card / FREE for Students

**Only If You Are Planning to Attend Please Respond by 4 pm on FRIDAY February 16, 2018  
to Walt Janus at (570) 202-2020 or via e-mail at [wmjanus42@gmail.com](mailto:wmjanus42@gmail.com)**

## NEWS and Notes

### ASHRAE Webcast Slated for April 19th



Is advanced technology alone solving the case for energy efficiency? Delivering meaningful energy efficiency in buildings often requires debunking myths about building products, performance and solutions. This webcast will focus on strategies and policies that dive into deep efficiency goals. Featured ASHRAE speakers will address myths and realities they've discovered through real life experiences. Viewers will learn how a practical design approach can help achieve optimum energy performance in commercial and high-rise residential buildings across the globe. With varying climates and economies, one must consider a holistic approach when assessing a building and its systems.

### Technology Corner

There is no technical article included in this month's edition of the *NEWS*. Please submit articles to the CTTC chair for consideration to be included in future editions.

### Engineers Week 2018



Founded by NSPE in 1951, EWeek is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers. Today, EWeek is a formal coalition of more than 70 engineering, education, and cultural societies, and more than 50 corporations and

government agencies. Dedicated to raising public awareness of engineers' positive contributions to quality of life, EWeek promotes recognition among parents, teachers, and students of the importance of a technical education and a high level of math, science, and technology literacy, and motivates youth, to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. Each year, EWeek reaches thousands of schools, businesses, and community groups across the U.S. (from [www.nspe.org](http://www.nspe.org))

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2016-17 Alyssa Procida	2006-07 John Havenstrite	1996-97 Charlie Smith	1986-87 Jerry Peznowski
2015-16 Rich Karns	2005-06 Manish Patel	1995-96 Chuck Swinderman	1985-86 Lee Garing
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2011-12 A.J. Speicher	2001-02 Mike Moran	1991-92 Dan Mello	1981-82 Bob Mugford
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2007-08 Walt Janus	1997-98 Dean Butler	1987-88 Ray Suhocki	

## ***ANTHRACITE CHAPTER MEETINGS & EVENTS 2017-18***

<b>Date</b>	<b>Theme</b>	<b>Program</b>	<b>Speaker</b>
Sept. 19	Membership/ Bring-a-Buddy	The New Legionella Standard ANSI/ASHRAE 188-2015 Legionellosis: Risk Management for Building Water Systems	Patricia Graef*
Oct. 8	Fun & Research Promotion	ASHRAE Car Show	--
Oct. 17	Research Promotion – Donor Recognition	Introduction to ISO 16890, Air Filters for General Ventilation	Christian Hicks
Nov. 21	Students/YEA	3D Laser Scanning and BIM	Thomas Maheady
December	Family Night	No Meeting	--
Rescheduled Jan. 30	Research Promotion	Utilities! The Single Largest Controllable Expense for Multifamily Properties	Dennis Carapezza
<b>Feb. 20</b>	<b>Engineer's Week Joint Meeting w/ PSPE</b>	<b>Green Design &amp; Sustainability – Un-definable Success in a Defined World</b>	<b>Mitchell Swann*</b>
Mar. 20	Nominating Night Joint Mtg. w/ SMACNA	TBA	TBA
April 16	Students/Membership	TBA	TBA
April 19	ASHRAE Webcast	Making Energy Efficiency a Reality	Panel
May 15	Past-Presidents	TBA	TBA
June 19	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	--
Aug. 16-18	Chapters Regional Conf.	2018 Region III CRC, Pittsburgh, PA	--

\*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***

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