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<i>Grassroots Government Activities</i> Mike Mueller
<i>Historian</i> John Huntley
<i>Webmaster</i> Michael Heinrich
<i>Newsletter Editor</i> Sean O'Connor

Program:

“Commercial High Purity Water Systems”

Presented by: Brian Soderholm

Thursday, November 19th, 2015
SDSM&T, Surbeck Center, Pluma Room
7:00 AM

Brian is Vice President of Water Control Corporation and works with new product and market development. Brian has a B.A. from Kalamazoo College in Economics and an MBA from the University of Minnesota. He has held his current position for 13 years and has over 23 years of experience in the construction and installation of commercial water treatment systems. For 44 years, Water Control has been an active player in the water treatment and conditioning industry, specializing in packaged water treatment systems for commercial, institutional, and industrial applications.



President’s Message

It is now November which means Halloween is over and it is time to start thinking about the holiday season (Thanksgiving, Christmas, and New Year's Day); not to mention everyone realizing that several inches of snow will be here before we know it. Having said all of that, I hope everyone can take some time out of their busy schedule to join us for both the November 19th and the December 17th ASHRAE Meetings.

Recently, it has been brought to our attention that ASHRAE, at the Society level, would like to collect between 3 and 5 photos by December 1 from each chapter for a society level marketing video. This unique opportunity will give our chapter, the ability to show the world some of the great things we do. If you would like to be part of these photos, we will more than likely be taking photos during the November 19th meeting so we can send them to society by the December 1 deadline. I hope to see you all there!

David Dowling, President, Black Hills Chapter of ASHRAE



Chapter Programs Schedule

Below is a listing of this year's programs. Please call or e-mail suggestions for programs as indicated below:

September 17, 2015	Light Weight Construction and the Modern Fire Environment	Tim Behlings
October 22, 2015	Pertinent Building Codes for the Mechanical/Electrical Engineer	Jeff Larus
November 19, 2015	Commercial High Quality Water systems	Brian Soderholm
December 17, 2015	BH Buisness Development Center Tour/Happy Hour	TBD
January 21, 2016	Electro Technology Expo	Distinguished Lecturer
February 18, 2016	Grubby Games Social Event	TBD
March 17, 2016	Intelligent Equipment	Dan Sullivan
April 21, 2016	ASHRAE Webcast: Making Net Zero Net Positive	Multiple
May 19, 2016	DL Program	Distinguished Lecturer

Send program suggestions to: Mike Austin
(P) 605-348-2033
(F) 605-348-1543
programs@blackhillsashrae.org

Membership

If anyone knows of someone who might be interested in becoming a member of ASHRAE, contact Mike Malone at:
membershippromotion@blackhillsashrae.org

CHAPTER MAY NOT ACT FOR THE SOCIETY

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

A N I N T E R N A T I O N A L O R G A N I Z A T I O N

ASHRAE Learning Institute

Seminars & Courses at ASHRAE's Winter Conference in Orlando, FL

2 WAYS TO REGISTER

Internet: www.ashrae.org/orlandocourses

Phone: Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Full-Day Professional Development Seminars

\$485/\$395 ASHRAE Member -- Earn 6 PDHs/AIA LUs or .6 CEUs

Commercial Building Energy Audits

Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.

Energy Modeling Best Practices and Applications

Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.

Commissioning Process in New & Existing Buildings

Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.

Operations & Maintenance of High-Performance Buildings

Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.

Designing HVAC Systems to Control Noise & Vibrations

Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.

Half-Day Short Courses

\$159/\$119 ASHRAE Member -- Earn 3 PDHs/AIA LUs or .3 CEUs

Laboratory Design: The Basics and Beyond

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

Advoiding IAQ Problems

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Troubleshooting Humidity Control Problems

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

Commissioning Process & ASHRAE Standard 202

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Understanding & Designing Dedicated Outdoor Air Systems

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

Complying with Standard 90.1-2013: HVAC/Mechanical

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Variable Refrigerant Flow System Design & Applications **NEW!**

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

Evaluation and Control of Legionella in Building Water Systems **NEW!**

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Air-to-Air Energy Recovery Applications: Best Practices

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

Exceeding Standard 90.1-2013 to Meet LEED Requirements

Monday, January 26, 2016 – 9:00 a.m. to 12:00 p.m.

Applications of Standard 62.1-2013

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

IT Equipment Design Evolution & Data Center Operation Optimization

Monday, January 26, 2016 – 9:00 a.m. to 12:00 p.m.

Building Demand Response & the Coming Smart Grid

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

Designing High-Performance Healthcare HVAC

Monday, January 26, 2016 – 1:00 p.m. to 4:00 p.m.

Energy Management Best Practices

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Halifax • Hong Kong • Houston

Kuala Lumpur • Miami • Minneapolis • Vancouver

HVAC Design: Level I – Essentials - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is \$854 (\$699 ASHRAE Member)

HVAC Design: Level II — Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register.