

IOWASTALKS

A Newsletter for the Iowa Chapter of ASHRAE



TOPICS THIS MONTH

- This Month at ASHRAE
- President's Corner
- December Recap
- Upcoming Meetings
- ASHRAE CRC 2018
- ASHRAE News
- Research Promotion

THIS MONTH AT ASHRAE

Date: Wednesday, January 11th

Location: Gilroy's
1238 8th Street
West Des Moines, IA 50265



Schedule: 5:00 Social
6:00 Dinner
6:30 Business Meeting and Program

Refrigerants Update – We will review the new HFO refrigerants that are coming out, refrigerants that are being phased out, and how codes and standards address all of them.

Cost: Free to ASHRAE Iowa Chapter Members
\$15 for Guests

[Register](#) online today!

Please [register](#) online if you are attending. Be sure to fill out the information on the first registration page, click on "**Submit**", review the information on the next page and then clicking on the "**Confirmed**" button. You must confirm your registration for it to be successful. You will also get an email confirming your registration.

We will be picking from one of four (4) meal options, so it is **imperative that everyone attending pre-register and pick a meal.**

PRESIDENT'S CORNER:

Happy New Year, ASHRAE Members! I hope you had a wonderful and safe holiday season. After a mild December we're getting off to a frigid start to January, brrrr!

Our upcoming January meeting is our annual Refrigeration Night on the evening of Wednesday, January 11th at Gilroy's on 8th St. in West Des Moines. We are lucky enough to have Jay Eldridge of Daikin Applied speaking on the topic of *Refrigerants Update* and he will review the new HFO refrigerants that are coming out, refrigerants that are being phased out and how codes and standards address all of them.

For our February meeting, we'll have ASHRAE Distinguished Lecturer Jim Coogan speaking on *Space Pressurization: Concept and Practice*. This will be a lunch meeting on Feb. 22 at Exile Brewery and Mr. Coogan's presentation has been approved for 1 AIA Learning Unit (LU/HSW).

Also, the ASHRAE Technology Awards deadline is approaching early this spring. More details will be forthcoming, in the meanwhile contact our TEGA chair, [Iyhab Hassan](#), if you're interested.

Finally, a quick reminder that the ASHRAE Winter Conference is coming up Jan 28-Feb 1, 2017 in Las Vegas, NV. Information can be found on the [conference website](#).

I look forward to seeing some familiar faces, as well as new ones, at these upcoming events!

Andrew Pospisal ([email](#))
ASHRAE Iowa Chapter
President 2016-2017



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www.ashraeiowa.org

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PAST ASHRAE IOWA CHAPTER PRESIDENTS

Matt Gumm	2015-2016
Justin Barrett	2014-2015
Tim Conrad	2013-2014
Matt Jesson	2012-2013
Kelly Crow	2011-2012
Holly Elbert	2010-2011
Roger Leshner	2009-2010
Kit Cartwright	2008-2009
Jerrold Sieverding	2007-2008
Jason Kems	2006-2007
Chuck Heldenbrand	2005-2006
Jeff Gross	2004-2005
Ron Engelhardt	2003-2004
Dan Zaug	2002-2003
Susan Oltrogge	2001-2002
Christopher Nelson	2000-2001
Donald Swanson	1999-2000
Edward Truslow	1998-1999
James Hall	1997-1998
Robbin Vannoy	1996-1997
Mark Conway	1995-1996
Paul Melton	1994-1995
Gregory Maxwell	1993-1994
Jeffery Hammer	1992-1993
Jack Culp	1991-1992
James Lee	1990-1991
Clint Leonard	1989-1990
Charles Pedersen	1988-1989
Gary Reynolds	1987-1988
Dennis Hogan	1986-1987
Eugene Zefron	1985-1986
Donald Hagge	1984-1985
Robert Rist	1983-1984
Joseph Proctor	1982-1983
Mark Allen	1981-1982
Curtis Klaassen	1980-1981
Gerald Anderson	1979-1980
C.W. Miller	1978-1979
Richard South	1977-1978

Verne Stewart	1976-1977
Curtis Hammer	1975-1976
Ralph Schilling	1974-1975
Donald Bonicamp	1973-1974
Kent Mosher	1972-1973
Thomas Van Hon	1971-1972
Robert McBride	1970-1971
William Whitman	1969-1970
Einar Dahl	1968-1969
Eugene O'Neil	1967-1968
James Green	1966-1967
Neil Hanson	1965-1966
Bob Flanagan	1964-1965
Lyndon Kelley	1963-1964
Elwood Giberson	1962-1963
Vern Polly	1961-1962
John Bain	1960-1961
Crom Campbell	1959-1960
R.T. Howard	1958-1959
W.A. Schworm	1957-1958
D.E. Schroeder	1956-1957
G.J. Kraai	1955-1956
W.E. Nanes	1954-1955
J.F. Sandfort	1953-1954
R.H. Schnell	1952-1953
C.H. McGuinness	1951-1952
R.S. Stover	1950-1951
D.E. Wells	1949-1950
D.C. Murphy	1948-1949
C.A. Wheele	1947-1948
E.O. Olson	1946-1947
B.E. Landes	1945-1946
W.W. Stuart	1944-1945
C.W. Helstrom	1943-1944
P.E. Triggs	1942-1943
Perry LaRue	1941-1942
R.A. Norman	1940-1941
Tracy Johnson	1939-1940
W.R. White	1938-1939

ASHRAE/CSI/SMCI Joint Meeting

December 12th, 2016

Holiday Inn Downtown



Thank you to our past Iowa Chapter Presidents who attended the December meeting. **Front Row:** Chuck Heldenbrand ('05-'06), Holly Elbert ('10-'11), Andrew Pospisal ('16-'17), Kit Cartwright ('08-'09), Mark Allen ('81-'82), Matt Gumm ('15-'16), Tim Conrad ('13-'14) **Back Row:** Jason Kems ('06-'07), Chris Nelson ('00-'01), Susan Oltrogge ('01-'02), Justin Barrett ('14-'15), Matt Jesson ('12-'13), Dan Zaug ('02-'03), James Hall ('97-'98), Kelly Crow ('11-'12), Clint Leonard ('89-'90)



Matt Gumm received a pin from Andrew Pospisal for serving as the '15-'16 Iowa Chapter President.



Holly Elbert received a Chapter Service Award certificate from Andrew Pospisal.

February Meeting

Date: Wednesday, February 22nd

Location: Exile Brewing Company
1514 Walnut Street
Des Moines, IA 50309



Agenda: Lunch and Presentation

Topic: Space Pressurization: Concept and Practice

More details to come!

Future Meetings

Month	Date	Location	Topic
September	29	Echo Valley Country Club	Fall Frolic Golf Outing
October	12	MODUS Engineering	Membership & RP Night
November	7	ISU Alumni Center	Student Night
December	12	Downtown Holiday Inn	SMCI & CSI Joint Meeting
January	11	Gilroy's	Refrigeration
February	22	Exile Brewing Company	Distinguished Lecturer
March	22	West Des Moines Marriott	Technical Session
April	20	TBD	ASHRAE Webcast
May	TBD	TBD	Spring Fling Golf Outing

January	28-1	Las Vegas, NV	2017 Winter Conference
April	20-22	St. Louis, MO	Region VI CRC
June	24-28	Long Beach, CA	2017 Annual Conference

We are still seeking sponsors for our upcoming ASHRAE Region VI's Chapters Regional Conference (CRC). The event runs May 3, 2018 thru May 5, 2018 at the Marriott in downtown Des Moines. Our volunteers have been diligently working for over a year now planning this event and securing venue details.

Yes, we are reaching out to you rather early, we are doing so to provide you the most out of your sponsorship. We have had some great response from local businesses and manufacturers. We are a fraction of the way towards our budget for ASHRAE CRC 2018. We strongly encourage you to become an event sponsor. The Grand Champion sponsorship level is still open. Don't hesitate, this provides great advertisement for your firm with engineering firms, contractors, owners, and manufacturer's representatives in the Iowa, Illinois, Minnesota, Wisconsin and Missouri marketplaces.

If your firm is considering a Grand Champion or Blue Ribbon sponsorship, sign up now. Donors that have responded and sent payment by **January 31, 2017** will be publicized at 2017 ASHRAE Region VI's CRC which is held in St. Louis, Missouri.

It takes a lot of financial support to host this conference. We greatly appreciate any level of support you can provide. If you wish to be a Grand Champion or Blue Ribbon sponsor, we ask that you fill out the following form and include payment by January 31, 2017 so we can provide promotional advertisements with your logo for the St. Louis CRC in April 2017.

Our company would like to pledge the following contribution level to help support the ASHRAE CRC 2018 Conference hosted in Des Moines:

Mark One	Ribbon Level	Donation Amount
<input type="checkbox"/>	Grand Champion	\$5,000
<input type="checkbox"/>	Blue Ribbon	\$2,500
<input type="checkbox"/>	Red Ribbon	\$1,000
<input type="checkbox"/>	Yellow Ribbon	\$500
<input type="checkbox"/>	White Ribbon	\$250
Total:		\$

Please fill out the information below. We will use this information to coordinate the sponsorship benefits for your organization:

Company Name:			
Company Contact:			
Street Address:			
City:	State:	Zip:	
Phone:	Email:		

Please remit payment to our sponsorship chair. Please send this invoice and check to:

c/o A. J. Allen Mechanical Contractors, Inc.
 Attn: Luke Miller
 320 SE 6th Street
 Des Moines IA, 50309

Checks may be made payable to: ASHRAE Iowa CRC

ASHRAE CRC 2018 Sponsors

Grand Champion - \$5,000

4 spots available. Your donation now provides advertisement until CRC 2018.

Blue Ribbon - \$2,500



Red Ribbon - \$1,000



Yellow Ribbon - \$500



White Ribbon - \$250



Industry News

2017 AHR Expo Largest in Show's History

WESTPORT, Conn.—The nine football fields worth of exhibitor space at the 2017 AHR Expo in Las Vegas Jan. 30–Feb. 1 will make it the largest Show in the exposition's history, surpassing Chicago in 2015, organizers said. "We are declaring the Show the largest ever," Clay Stevens, Show Manager of the AHR Expo, said in an interview Tuesday. "It's very exciting." Stevens attributed the increased exhibitor space to renewed optimism in the industry. "Many exhibitors have taken larger booth spaces anticipating that a more robust economy coupled with an exciting Show location like Las Vegas will energize attendees. We're expecting over 60,000 industry professionals." That optimism, he said, was reflected in an [annual economic survey of exhibitors](#) conducted by IEC and *ASHRAE Journal* that was released Dec. 20.

DOE Issues New Final Rules for Several HVAC Equipment Categories

WASHINGTON, D.C.—The U.S. Department of Energy (DOE) closed out 2016 on Dec. 28 by unveiling new regulations covering a range of HVAC technologies. The final rules provide energy-efficiency standards for [commercial boilers](#), [portable air conditioners](#), [swimming pool pumps](#), and [walk-in coolers and freezers](#). Another, non-HVAC-specific, rule concerns uninterruptible power supplies. The rules would save consumers and businesses between \$15 billion and \$35 billion over the 30-year lifetime of the products, according to DOE. Most of the rules have a 45-day review period—until Feb. 11—before they can be made official via publication in the *Federal Register*. The swimming pool pump rule has a 110-day review period. This means their ultimate approval will be under the authority of the next presidential administration.

Solar Power Capacity Likely Outpaced Natural Gas, Wind in 2016

WASHINGTON, D.C.—In 2016, for the first time, more electricity-generating capacity from solar power is expected to have been installed in the U.S. than from natural gas and wind, according to the U.S. Department of Energy (DOE). Though the final data won't be available until March, enough new solar power plants were expected to be built in 2016 to total 9.5 GW of solar power generating capacity. That is triple the new solar capacity built in 2015. The solar farms built in 2016 are expected to exceed the 8 GW of natural gas power generating capacity and the 6.8 GW of wind power added in 2016. No new coal-fired power plants were planned in 2016. "If 2016 planned additions pan out as operators initially expected for 2016," said Tim Shear, an economist for the U.S. Energy Information Administration, "it would mark the first year that solar was the largest source of capacity." U.S. solar power generation is believed to have grown by 44% in 2016 and is expected to grow more than 30% in 2017.

ASHRAE News

ASHRAE Publishes 2016 Versions of Refrigerant Standards

Thirty new refrigerants and refrigerant blends have been added to the recently published 2016 editions of ASHRAE's major refrigerant-related standards. [ANSI/ASHRAE 15, *Safety Standard for Refrigeration Systems*](#), and its sister standard, [ANSI/ASHRAE 34, *Designation and Safety Classification of Refrigerants*](#), were published this week as a package. The 2016 edition of Standard 15 incorporates five addenda to the 2013 version. Among its changes are updated requirements for safety relief systems, updated design pressure requirements for systems using carbon dioxide, and modified overpressure protection for heat exchangers and pressure limiting devices for positive displacement compressors. The 2016 edition of Standard 34 incorporates 35 addenda to its 2013 version. Key changes include the addition of three new refrigerants and 27 new refrigerant blends.

ASHRAE Seeks Presenters for Business Performance Analysis Conference

ASHRAE has announced a call for presenters for the 2017 ASHRAE Building Performance Analysis Conference, formerly known as the ASHRAE Energy Modeling Conference. This year's conference expands on the core subject of energy modeling to encompass non-energy building performance analysis and simulation for professionals responsible for such work. Topics include modeling for and during the design phase; modeling innovative or new technologies; data visualization; and future trends in modeling. Presentation proposals on these and other topics are due March 13, and decisions will be announced April 3. The 2017 ASHRAE Building Performance Analysis Conference will be held Sept. 27–29 in Atlanta.

ASHRAE Iowa Research Investors 2016-2017

Individual Investors HR = Honor Roll participants \$100 min		31.3% OF GOAL \$13,743.00 -TO GO!		Company Investors HR = Honor Roll participants \$150 min	
Mr Jason E Kems, PE	HR	\$18,000		Systems Management & Balancing Inc	HR
Mr Mark G Conway	HR	\$17,500		Woodman Controls Company	HR
Mr Odean H Jukam	HR	\$17,000		MMS Inc	HR
Mr Luke Miller	HR	\$16,500		Products Incorporated	HR
Mr Fred Miller	HR	\$16,000			
Mr Daniel L Ponxs	HR	\$15,500			
Mr David Poetting	HR	\$15,000			
Mr Brian A Steffens	HR	\$14,500			
Mr James Edward Hall	HR	\$14,000			
Mr Justin J Barrett, PE	HR	\$13,500			
Mr Andrew L Pospisal	HR	\$13,000			
Mr Patrick E Hart	HR	\$12,500			
Mr Christopher W Nelson	HR	\$12,000			
Mr Patrick E Hart	HR	\$11,500			
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David Poetting is collecting cards for the sponsors. If you've paid and don't see your card here or would like to revise the card shown, send a card-sized PNG or JPEG file to: david.m.poetting@jci.com.



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