



ASHRAE COLUMBUS CHAPTER NEWSLETTER

SPRING 2010

Advancing HVAC&R to Serve Humanity and Promote a Sustainable World



PRESIDENT'S MESSAGE



Aaron Clark, President, ASHRAE Columbus Chapter

As we approach the end of this year, I thank the Board for their hard work and our local members for supporting Columbus ASHRAE.

We implemented a great deal of changes this year including the use of PayPal and online meeting sign-up. Hopefully these changes will help improve our event attendance by simplifying the sign-up process.

We had a great showing at the President Holness presentation last month. Thank you again for the high attendance and support.

The Principal's Breakfast was held Friday, April 23rd. This breakfast is always a great way for us to get ideas for next year's meetings.

Two additional meetings were held in April: a joint meeting with the AIA on April 15th and an Ethics Meeting on April 26th. The joint meeting with AIA covered the OSU Solar Decathlon. Peter Korda discussed Ethics at the Spaghetti Warehouse on April 26th. This year's golf outing will be held on July 22nd at Bent Tree Golf Course.

We encourage you to participate in all Columbus ASHRAE meetings and events as local members, allowing us to offer more dynamic meeting topics throughout the year and organize local events including golf outings and webcasts.

*Interested in
being more involved in
your local
Columbus Chapter?*

*Contact one of your
ASHRAE
Columbus Chapter
Officers!*

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ASHRAE COLUMBUS



April Meetings and Events

Thursday, April 15, 2010

The Ohio State University Solar Decathlon House
AIA Columbus / ASHRAE Columbus Joint Meeting

ASHRAE Columbus joined AIA Columbus on Thursday, April 15, for a reception and presentation of the OSU Solar Decathlon House.

In competing against 19 other collegiate teams as Ohio State University's first Solar Decathlon Competition entry, Solar House I serves not only as a definitive example of residential solar being utilized successfully in Ohio; it is the capstone of the largest student-led research collaboration in OSU history. Bringing together 60 students from 20 disciplines over a two year process, Solar House I challenged the status quo on an international stage with a "Back to the Future" approach: Ancient passive solar design technique, advanced energy and systems technology application, preservation of Ohio's rich character with local and regional materials, all while innovatively maximizing a flexible space with the competitions limited footprint.

The April 15th presentation featured the solar decathlon team from Ohio State which earned rankings of 8th in Architecture, 9th in Engineering and a top 10 finish overall. Visit the team's website at <http://solardecathlon.osu.edu/site/>. The actual house is on display at the new Polar Bear exhibit at the Columbus Zoo.

Monday, April 26, 2010

Dr. Peter Korda, P.E. on Ethics



The April Columbus Chapter lunch meeting featured Dr. Peter Korda, P.E., with a presentation on Ethics.

Peter Korda grew up in Budapest, Hungary and graduated from Budapest Technical University in 1954 with a diploma in Structural Engineering. He left Hungary in 1956 after the Russian invasion. Eventually immigrating to the United States, Dr. Korda earned his Ph. D. in Engineering Mechanics from The Ohio State University. In 1964, Dr. Korda founded Korda/Nemeth Engineering, Inc., which has grown into one of the largest consulting engineering firms in Ohio specializing in the design of buildings and related structures. Dr. Korda retired in 2008 but serves on the Board of Directors for Korda/Nemeth Engineering.

Peter challenged the audience with trying to select which values are most important in their lives. His list included Responsibility, Truth, Fairness, Respect for Self and Others, Compassion, Self Interest, Respect for Human Life and Moral Courage. Peter ended the meeting with the following, *"If you are faced with an ethical decision, whatever decision you make, would your parents be proud, would your clients admire you, and would your competitors emulate you? If you can answer yes to all these questions, you made the right decision."*

ASHRAE Columbus thanks a highly respected professional in our business for his wisdom.



ASHRAE COLUMBUS

Spring/Summer 2010 Events

COLUMBUS CLIPPERS GAME

THURSDAY, MAY 27, 2010

Join ASHRAE Columbus Chapter members
for a nite at Huntington Park!

CONTACT JIM ARNOLD AT
jim@haslettmechanical.com OR 614.299.2133
for TICKETS and DETAILS



**ASHRAE
COLUMBUS
ANNUAL GOLF
OUTING**

**THURSDAY
JULY 22, 2010**

9:30am Tee Time

**REGISTER NOW!
SEE NEXT PAGE!**



**Bent Tree
Golf Club**

1 mile east of I-71 on State Route 36
Sunbury Ohio



ASHRAE COLUMBUS ANNUAL GOLF OUTING

THURSDAY, JULY 22, 2010 9:30am Tee Time

Bent Tree Golf Course 350 Bent Tree Road Sunbury OH 43074

REGISTRATION AND SPONSORSHIP FORM



INDIVIDUAL and FOURSOME REGISTRATION

Name: _____

Company: _____

Contact phone: _____ Contact email: _____

Foursome Names:

(Please list all four player's names. Cart assignments cannot be made with TBD listed. One registration form per foursome.)

Player #1: _____ Player #2: _____

Player #3: _____ Player #4: _____

REGISTRATION FEES

	<u>Qty</u>		
Individual Player	_____	\$95 each	
Foursome	_____	\$380 foursome	
Skins Competition	_____	\$40 each	
Mulligan (Maximum 2 mulligans per player)	_____	\$5 each	
			Registration Total \$ _____

SPONSORSHIP PACKAGES

	<u>Qty</u>	
Hole Sponsorship: Company signage at tee box.	_____	\$100
Happy Hour: Your company name displayed by refreshments.	_____	\$250
Boxed Lunch: Your company name on each player's boxed lunch	_____	\$300
Beverage Cart: Your company name on course beverage cart AND each player receives 2 complimentary beverage tickets with your company name printed on ticket.	_____	\$300
Golf Ball Sleeve: Each player receives sleeve of golf balls with your company name on sleeve.	_____	\$300
		Sponsorship Total \$ _____

GIFT DONATION

Gift Donation for Raffle (Please list donation item or items)

GRAND TOTAL DUE \$ _____

PAYMENT OPTIONS

PAY BY CHECK: Mail completed registration form and **check payable to ASHRAE Columbus** to: Karpinski Engineering, 8720 Orion Place, Suite 120, Columbus, Ohio, 43240.

PAY BY CREDIT CARD VIA PAYPAL: Email completed registration form to treasurer@ashraecolumbus.org. A PayPal invoice will be sent to you via email.

QUESTIONS ?

For questions about the golf outing, please contact Karen Huttshell via email karen.huttshell@siemens.com or phone 614.602.7724.



ASHRAE COLUMBUS

ASHRAE Columbus hosts President Holness



On Monday, March 15, 2010, ASHRAE Columbus hosted their chapter lunch at The Ohio State University Golf Course Clubhouse featuring guest speaker 2009-2010 ASHRAE President Gordon Holness.

"Sustaining Our Future by Rebuilding Our Past - Addressing Energy Efficiency in Existing Buildings" was the presentation delivered to the local chapter by President Holness.

Presentation Excerpt

"The vast majority of buildings that will exist in the year 2030 exist today. If we are to have a material impact on overall energy use, it is through renovation of existing building stock. While existing buildings present great challenges, they offer us a greater opportunity to significantly impact our overall national energy demand, reduce our dependence upon imported oil and gas and minimize our carbon footprint. If ASHRAE is looking to build a sustainable future, we can set the foundations of that right now."

A link to President Holness' complete presentation can be found on the ASHRAE Columbus website: <http://www.ashraecolumbus.org>.

About President Holness

Gordon V. R. Holness, P.E., Fellow ASHRAE, Life Member, is a consulting engineer, Grosse Pointe Shores, Mich. As ASHRAE's president, Holness directs the Society's Board of Directors and oversees the Executive Committee. Holness is a member of the Advanced Energy Design Guide Steering Committee and the Headquarters Building Renovation Committee. He has served as chair of numerous committees and councils most recently Members Council, the Advocacy Committee and the Steering Committee on Building Information Modeling and Interoperability. He formerly served on the Board of Directors as president-elect, vice president and director-at-large. Holness has received the Exceptional Service Award, the Distinguished Service Award, the Journal Paper Award and three ASHRAE Technology Awards.

Born and educated in England, Holness worked in a London consulting engineering practice for many years before immigrating to Canada. There he worked in a mechanical/electrical consulting engineering company for several years before moving to Detroit, where he worked for the renown architectural and engineering organization, Albert Kahn Associates Inc., serving as chief mechanical engineer, vice president, treasurer and president, before retiring as chairman emeritus after 32 years for the company. He is a registered mechanical engineer, licensed to practice in 42 states and four provinces. He also is a chartered engineer in the United Kingdom.



ASHRAE COLUMBUS

NEW LOOK FOR COLUMBUS CHAPTER EVENTS

Frank Eisenhower, Treasurer, Columbus Chapter

The Columbus Chapter recently changed how membership is informed of chapter events and meetings!

Please note these important changes...

- Members now receive chapter event and meeting notification via their email address registered with the Columbus Chapter.
- The Email Invitation contains event details, date, time, location, and directions.
- The Email Invitation contains a "Register Now" link to the Event Web Site.
- On the Event Web Site you can register for the event, pay for the event with PayPal, and select a meal choice, if applicable.
- "Pay at Door" is currently a registration option but may be discontinued. If a "Pay at Door" registration does not attend the event, the Chapter is still charged for a "no-show".
- If you register as a "Pay at Door" and are unable to attend the event, please email treasurer@ashraecolumbus.org 24 hours prior to the event to prevent the Chapter from being charged.
- To update your Columbus Chapter email address, please email treasurer@ashraecolumbus.org.
- Email address updates submitted to National ASHRAE do not get forwarded to local chapters, so please make sure your local chapter has your current information.
- To remove your email address from the Columbus Chapter distribution list, select "SafeUnsubscribe" in the Email Invitation.

Thank you for your patience as we establish these communication changes!



ASHRAE COLUMBUS

WHY JOIN ASHRAE ?

Jim Arnold, Vice President, ASHRAE Columbus Chapter

Join over 51,000 HVAC professionals including consulting engineers, contractors, facility owners and managers, architects, designers, sales representatives, students and more!

Here are just some of the benefits you receive with your ASHRAE membership!

ASHRAE Handbook. The industry standard reference manual for HVAC professionals. Four volumes: Fundamentals, HVAC Systems and Equipment, Applications, and Refrigerant. Each book is revised every four years.

ASHRAE Journal. Monthly magazine that is the most trusted HVAC publication in the industry.

High Performance Building. Quarterly magazine covers current energy efficient building design.

Advanced Energy Design Guides. Publications to achieve a 30% higher energy savings than Standard 90.1.

Continuing Education. Monthly chapter luncheons provide continuing education opportunities.

Additional Resources. Access to additional continuing education, broadcasts online resources and e-newsletters.

Networking Opportunities. Interact with engineers, contractors, designers, facility owners and other HVAC professionals from central Ohio and across the country.

Discounts. ASHRAE members earn 15% off all ASHRAE publications through <http://www.ashrae.org/bookstore>. More than 300 titles are available including ASHRAE Standards.

Visit the ASHRAE's web site at <http://www.ashrae.org>



ASHRAE COLUMBUS

ASHRAE Student Activities

Mike Hoffa, Officer, Student Activities, ASHRAE Columbus Chapter

Within ASHRAE, Student Activities aims to promote math and science and encourage the study of HVAC&R among young students. Additionally, Student Activities introduces students to ASHRAE membership, supports student branches, promotes grants to student research, and organizes design competition programs.

If you would like additional information regarding opportunities available for students through ASHRAE, please don't hesitate to contact Mike Hoffa at 614.299.1747, or mikeh@aircontrolproducts.com.

Learn more about student activities at <http://www.ashrae.org/studentzone>.

Calling all YOUNG ENGINEERS !

ASHRAE is committed to advancing its programs and services for young members and has created a subcommittee called Young Engineers in ASHRAE (YEA), for members age 35 and younger!

Young Engineers... visit <http://www.ashrae.org/yea>





ASHRAE COLUMBUS

THE GREEN STANDARD

STANDARD 189.1-2009

Standard for the Design of High Performance Green Buildings

First Changes Proposed

Standard 189.1 provides a total building sustainability package for those who strive to design, build and operate green buildings, except for low-rise residential buildings. From site location to energy use to recycling, this standard sets the foundation for green buildings by addressing:

- Site Sustainability
- Water Use Efficiency
- Energy Efficiency
- Indoor Environmental Quality
- Building's Impact on the Atmosphere, Materials & Resources
- Construction and Operation Plans

Standard 189.1 serves as a jurisdictional compliance option to the Public Version 1.0 of the International Green Construction Code (IgCC) published by the International Code Council. The IgCC regulates construction of new and remodeled commercial buildings.



ASHRAE's ongoing maintenance process allows changes to be made to the standard at any time. Two addenda regarding daylighting criteria and calculations are currently proposed and available for public comment. For information on these addenda, visit <http://www.ashrae.org/publicreviews>. For complete information on the standard, please visit www.ashrae.org/greenstandard.

BE A LEADER!

Contribute to the
ASHRAE
Columbus Chapter
Newsletter!
Contact

treasurer@ashrae.columbus.org
or any Columbus Chapter
Officer



ASHRAE COLUMBUS NEWSLETTER

Please provide feedback to:
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