Come Tour With Us!
Emerson Climate Technologies
1675 West Campbell Road
Sidney, OH  45365

Bus Transportation Available for First 47 Reservations!
North and South Park & Ride Sites Available

4:00 PM Departure from Heapy Engineering
4:45 PM Departure from Waibel Energy Systems

Paid members: Free
Student ASHRAE Members: $10 for first 20 students, space permitting
Guests: $20 at the door

Note: fee includes transportation (space available), dinner and program

April 13, 2009

RSVP: Priority reservations for members and students by Friday, April 3. Non-member tentative reservations will be taken on a first-come basis and confirmed starting April 6th. All reservations required by noon, April 9th.

Program: Update from Emerson Climate technologies on key technologies and current challenges.

Tour: Product development and testing laboratories.

Box lunches from Panera and beverages will be enjoyed by all with reservations at the Emerson plant.

For reservations contact Jeremy Fauber at Heapy Engineering, jpfauer@heapy.com or 224-0861 no later than noon Thursday, April 9th.

Note: Reservations are a “must” to insure that you have a seat!

Don’t miss out—make reservations now!
A Note from the President

Great turn-out for our panel discussion—and special kudos to Frank Mauro who worked with the panel ahead of time to make sure they would all stay on track.

April brings us the long-awaited plant trip to Emerson’s facility in Sydney. We will have a chartered bus with pick-up locations both south and north of town. Details are on page 1—bus seating is limited, so early reservations are a must!

April brings back the ASHRAE Webcast. This year’s topic is Indoor Air Quality and it is worth 3 PDH’s towards your Engineering registration renewal. We’ll have a “watching party” in the Forum at Sinclair—see page 3 for more details.

We still have some great activities left this year—Golf Outing May 14th (early registration deadline of May 1st gets you a discount) and Dragons tickets on Saturday, May 30th. Get your group together (don’t forget the kids and grandkids) and plan for a nice evening of family-friendly fun. June brings the much-anticipated Green Expo, which just gets better every year.

ASHRAE serves an important role in keeping us all connected and up-to-date with our industry. And while the Dayton Chapter has been running smoothly, it doesn’t run itself. We need good people to step up and help. Don’t have time to be an officer? How about volunteering for a committee, or just to help with a single meeting? Contact any of the board members with your interest, or just come to the next Board meeting on April 16, 2009 at 8 AM at Heapy Engineering.

Check out the Research Promotion Honor Roll for this year on page 4. There is still time to get your name on this prestigious list—use the form on page 6 to make a donation today! Maybe some of that tax refund check?

Sincerely,

Larraine A. Kapka, P.E.

Upcoming Board Meetings:

- April 16, 2009
- May 21, 2009
- June 18, 2009

Coming Events 2008/2009

- **October 27, 2008** – RESCHEDULED! Young Engineers in ASHRAE lunch (35 and younger)
- **December 8, 2008** – Lunch - Heating Systems. Tech session before meeting: Psychrometrics. Part II
- **January 17, 2009** – Holiday Bowling Party at Woodman Lanes in Kettering
- **February 9, 2009** – Lunch - Variable Volume Refrigerant Systems Tech session before meeting: ASHRAE Standard 90.1.
- **March 9, 2009** – Dinner - Integrated Building Design Tech session before meeting on IBD
- **April 13, 2009** – Bus tour to Emerson Climate technologies plant with Dinner.
- **April 22, 2009** - ASHRAE Webcast - Indoor Air Quality at Sinclair Community College
- **May 14, 2009** – Dayton ASHRAE Golf Outing at Heatherwood
- **May 30, 2009** – Dayton ASHRAE at the Dayton Dragons
- **June 20, 2009** – Blue Star Mothers Golf Outing, Pipestone
- **June 25, 2009** – Green Expo at Heapy Engineering
- **July 31 – August 1, 2009** – Chapters Regional Conference in Akron, Ohio. Chapter officers and committee chairs required to attend - all other members are

Research Promotion News

Check out the new Research Promotion Honor Roll on page 4. It’s not too late to add your name to the list—there is a contribution form on page 6 for your convenience.

Coming This Month:

- **Monday, April 13th**
  - Bus trip to Emerson and tour
- **Thursday, April 16th**
  - Board of Governors Meeting 8 AM at Heapy Engineering
- **Wednesday, April 22nd**
  - ASHRAE Webcast 1 PM at Sinclair Community College
Clean, Lean, and Green: IAQ for Sustainable Buildings

April 22, 2009, 1:00 p.m. - 4:00 p.m. EDT

Using the guidance provided by the IAQ Guide: Best Practices for Design, Construction, and Commissioning developed through collaboration with ASHRAE, AIA, BOMA, EPA, SMACNA and USGBC, this broadcast will challenge the building community to use enhanced IAQ practices to create a more sustainable built environment. Join ASHRAE in learning more about your role in transforming mid-range practice into best practice for healthy, productive, sustainable indoor environments.

Tentative agenda:
1:00 p.m. Introduction – Don Rheem, Moderator
Opening Remarks – Bill Harrison, ASHRAE President
Roundtable Discussion – Presenters
Martha Hewett – “Practical, Proven Strategies to Deliver Better IAQ”
George DuBose – “Avoiding Costly IAQ Problems in the Building Envelope”
Approx. 2:20 Break
H.E. Barney Burroughs – “Keeping Buildings Clean: Avoiding and Building Control of Contaminants to Attain and Maintain IAQ Acceptability”
Hoy Bohanon – “Improving Your IAQ and Reducing Your Energy Costs through HVAC Design”
Audience Question and Answer Session
3:55 p.m. Closing – Don Rheem, Moderator

Join us at Sinclair Community College in Building 14, Room 130 for snacks and viewing on the big screens.

Student ASHRAE News

We now have an official Student Chapter at the University of Dayton to go along with the one at Sinclair. Won’t you agree to help when they call you about a student activity?

The Chapter gets PAOE points if regular members attend student branch meetings. Watch for announcements of meetings at UD and Sinclair and help the students and the chapter with your support.

Dayton Chapter History

Ever wonder where all of the wonderful history information comes from? Tom Ferdelman prepares it based on input from past presidents. Without your help, this section will be blank. So, if you see your name on the list below, get your history information in to Tom, or this blank space will remain . . . Blank!

Histories needed from:

- Dennis Helmig 1989/90
- Rick Huff 1990/91
- Phil Van Styn 1991/92
- David Schmenk 1992/93
- Chris Hampel 1993/94
- Mark Neiheisel 1994/95
- John Mosgo 1995/96
- Dennis Lewis 1996/97
- David Deger 1997/98
- Jim Hocker 1998/99
- David Patterson 1999/00
- Joe Ferdelman 2000/01
- Jeff Evans 2000/02
- Russ Marks 2002/03
- Bart Gruenwald 2003/04
- Bruce Knapp 2004/05
- Mike Kirchens 2005/06
- Tom Ferdelman 2006/07
Research Promotion Honor Roll 2008-2009

Corporations

PLATINUM
Emerson Climate Technologies

GOLD
Waibel Energy Systems

SILVER
Heapy Engineering
Uptime Solutions Associates

BRONZE
Allied Supply
Contech Design
Helmig Liensch LLC
Weber Huff

Individuals

HONORS
Richard L. Pavlak  Colleen Haun  Jeremy Fauber
Larraine Kapka  Greg Cohron  Denny Lammlein
John R. Patterson, Jr.  Frank Mauro  Tom Ferdelman
Russ Marcks

DONORS
Richard B. Pavlak  Tom Monnig

DAYTON ASHRAE
Dayton Chapter ASHRAE
http://www.daytonashrae.org

Membership Application and Roster Information 2008-2009

_________________________________________________________
Your Name _____________________________________________
_________________________________________________________
Your Company Name

_________________________________________________________
Home Address ___________________________________________
_________________________________________________________
Business Address

City State Zip City State Zip
( ) - ( ) - ( ) -
Home Phone Spouse Name Business Phone Ext. Fax Number

_________________________________________________________
Home e-mail address _______________________________________
_________________________________________________________
Business e-mail address

SEND NEWSLETTER TO: Home Address Home email address
Business Address Business email address

I prefer Lunch Meetings_____ I prefer Dinner Meetings_______ I have no preference _________

Chapter achievements are accomplished through active committee involvement. If you would like to promote your Society by serving as a committee chair or assist on one of the chapter committees, please indicate in which committee you are interested below. Please indicate your first preference by number 1 and so on.

__ Education ___ Membership ___ Research ___ Historian ___ Newsletter ___ Chapter Office
___ CTT (Refrigeration; Technical, Energy & Government; Programs) ___ Golf Outing ___ Communication
___ Holiday Party ___ Honors & Awards

Please Check Your Preferred Roster Affiliation

Consultant Contractor Industry/Government Retired

Education Student: School Degree Approximate Graduation Date

Wholesalers, Manufacturer's Rep/Sales Offices, Fill in trade names of products you represent below

<table>
<thead>
<tr>
<th>Wholesalers, Manufacturer's Rep/Sales Offices</th>
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<tr>
<td>Air Devices</td>
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<td>Air Handlers</td>
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<td>Boilers</td>
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<td>Building Automation</td>
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<td>Filtration</td>
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<td>Heat Exchangers</td>
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<tr>
<td>Heating Equipment</td>
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<tr>
<td>Humidity Control</td>
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<tr>
<td>Kitchen, Laboratory Fume Hoods</td>
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</tbody>
</table>

Dayton Chapter ASHRAE dues for the Society year beginning July 1, 2008 and ending June 30, 2009 are $95 per year. Dayton Chapter ASHRAE dues include 6 dinner/lunch meetings, and both you and a guest for the holiday event. * Note: Be sure to begin paying Local dues when you pay your National Dues.

Please return this application and a check or money order in the amount of $95 made payable to Dayton ASHRAE to:

DAYTON ASHRAE, PO Box 3202, Dayton, OH. 45401

Paid local dues with your annual dues? Please return the form anyway!
ASHRAE RESEARCH
Dayton ASHRAE

Contribution Form

Thank you in advance for your commitment to ASHRAE Research! Remember, this is our livelihood. ASHRAE’s research and educational programs are what keeps our industry and profession on the leading edge and assures its continued existence. Confident that you will recognize the benefits of this investment, I am asking you to help fund the future HVAC&R research and professional development.

Name: ________________________________

Address: ______________________________

__________________________________________________________________________

Phone Number: __________________________

Member Number (If known): __________________________

Amount: __________________

Do you want to be recognized in the Dayton newsletter as a contributor? (circle) YES  NO

Mail completed form with your check, payable to ASHRAE Research to:

Denny Lammlein
29 Sandelwood Street
Springboro, OH  45066