



THE ILLINOIS INTERCOM

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ASHRAE's Winter Meeting and Expo return to Chicago, Jan. 21-25. Don't miss out on this major event. And don't think you'll see it all by only attending the trade show.

All four days of the Winter Meeting are packed with seminars, lectures, symposia, discussion forums, and social events.

Read all about these in the special enclosure inside this issue of Intercom. And don't miss out!

Upcoming ASHRAE Events

January 21-25, 2006

ASHRAE Winter Meeting & AHR Expo
Chicago, Ill.

February 7, 2006, Tuesday

Seminar (3 PDHs): High-Pressure Steam
Dinner Meeting: Engineering &
Scholarship Awards Presentation
Avalon Banquets, Elk Grove Village, Ill.

March 7, 2006, Tuesday

Afternoon Seminar (3 PDHs):
Standards 52
Dinner Meeting — Research Promotion
and Student Night
Rock Bottom Brewery, Chicago, Ill.

February 7 Meeting

Annual Awards Dinner to Follow-up High Pressure Steam Seminar

An afternoon seminar (2 - 5 p.m.; 1:30 p.m. registration) will feature two expert speakers who will "heat up" the subject of how to design a high pressure steam boiler room.

Current chapter president-elect Tony Ranallo, Meilner Mechanical, will start things off with a discussion of the steam generating side of the equation with emphasis on the types of equipment available and how to choose the right ones for a particular application. He will then delve into the specifics of how to put it all together. There will be a lot of good engineering information that they just don't teach anymore.

Tom Garbarino will discuss the return side of the equation. As president of BFS industries Inc. and their chief design engineer, Tom is highly qualified to show us how to design the varied types of deaerator, boiler feed, and condensate return systems that are available today. *This half-day seminar will earn 3 PDHs.*

There have been many requests for this type of seminar, so please register early as we expect to have a full house.

The monthly dinner meeting, which gets underway after the seminar, will feature our annual presentation of the *Excellence in Engineering Awards*. Helping us present awards will be ASHRAE President-Elect Terry E. Townsend, P.E. We hope you will plan to join us and congratulate all of the award winners.

Each year, the Illinois Chapter's *Excellence in Engineering Awards* are presented for engineering designs that demonstrate

February 7 Seminar & Meeting

Place:	Avalon Banquets 1905 E. Higgins Road Elk Grove Village (847) 439-5740
Time:	1:30 - 5 p.m. — Seminar "High Pressure Steam" (3 PDHs) 5 p.m. Cocktails and Dinner Excellence in Engineering Awards & annual scholarships presentation \$25 seminar only; \$35 dinner only \$55 per person for both events
Chairman:	Tony Ranallo, Meilner Mechanical Sales; and Tom Kroeschell, P.E.

For reservations, call (708) 636-3604

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February 7 Seminar and Awards Dinner

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innovative ideas and solutions to problems. Award submittals are called for each fall. They are judged by a panel of their engineering peers. Past award winners have gone on to compete — and win — at ASHRAE's regional and society levels.

President-Elect Townsend will also present Illinois Chapter ASHRAE scholarships to special students during the evening.

All events on Feb. 7th will be held at Avalon Banquets in Elk Grove Village. The cost for the afternoon seminar is \$25, \$35 for the dinner

meeting, or \$55 for both. The seminar will earn 3 professional development hours (PDH).

Advance reservations are requested. Get your advance reservation in early by calling our 24-hour reservations hot line at (708) 636-3604.

Tour High Efficiency Boiler Project on Feb. 21

If boilers are of special interest to you, sign up for the next Illinois Chapter ASHRAE-sponsored tour, set for Feb. 21. We'll take members on a guided tour of a high-efficiency boiler that is the centerpiece of a building renovation project at 211 West Wacker Drive, in downtown Chicago, the former address of the Chicago Board of Education.

Tours start at 4:30 p.m. and cost \$25 per person. Use the sign-up sheet on page 3 or call (708) 636-3604 to make your reservation today.



Ron Bernstein, Echelon Corporation, describes LONMark's LONTalk, one of the primary integration protocols for the HVAC industry covered at the Dec. 6 monthly meeting. Bob Johnson, Siemens Building Technologies, discussed ASHRAE's BACnet at the lunch meeting held at the Parthenon Restaurant in Chicago Greektown.

RVCs Urged to Attend Seminar 15 at Winter Meeting

The Members Council's Meetings Arrangements Committee is sponsoring *Seminar 15: Hot Presentations About Cold Topics* on Sunday, Jan. 22, from 1:00 p.m. - 3:00 p.m. The seminar provides effective communication strategies for practicing professionals. The Council believes it will give Regional Vice Chairs tools to help them succeed at CRC and Chapter visit presentations.

RVCs, Committee Chairs and Vice Chairs (and staff liaison) of the 4 grassroots committees (Membership Promotion, Student Activities, Research Promotion and Chapter Technology Transfer committees) will be given a pass to attend the session. Passes will be included in registration packets.

Chapter Planning Student Intern Program

The Student Activity Committee wants to set up an internship program with the Illinois Chapter for student members looking to gain valuable hands-on experience while learning and for engineering firms and other companies connected to ASHRAE that have temporary jobs for people with knowledge of the profession.

Committee chair Jeff Ruhl said colleges, which often have internship requirements as part of the academic program, will also benefit. He said the program would hope to match upper-class students between junior and senior year with summer jobs. Only ASHRAE

student members would be allowed to participate.

If your company has an interest in this proposed internship program, please call Jeff Ruhl at (84) 685-9235 or e-mail: jruhl@boelter-yates.com.

National Engineers Week Is Feb. 19-15

National Engineers Week is coming Feb. 19-25, 2006. Exhibitions, lectures, student competitions and other events are being planned to celebrate the engineering profession. Since 1951, National Engineers Week has been observed to highlight the role the profession has played in advancing civilization and adding quality to life.

Illinois Chapter members in the Education and Student Activity Committees plan to participate in a special "EWeek Expo" at IIT Rice Campus in Wheaton, Ill. on Feb. 25. Many professional societies besides ASHRAE will be among the exhibitors.

This year's theme is "Women in Engineering." Displays and presentations will focus on the contributions of women to engineering and encouraging young girls' interest in the field.

Dick Hegberg, Education Committee chair, said he will be joined by other members at the Illinois Chapter's table to meet with young visitors on hand.

Chapter Member One of New Faces of Technology

ASHRAE (Society) recently announced its top five nominees for the *New Faces of Engineering* program, part of the 2006 National Engineers Week celebration.

The event was created to promote the accomplishments of young engineers by highlighting their contributions. The program targets those under 30 years of age. ASHRAE has submitted its top five nominees to the National Engineers Week Committee. Among them was Illinois Chapter member Benjamin Skelton, a mechanical engineer with WMA Consulting Engineers, Chicago.

Ben has worked on a variety of projects, such as an airport, a data center, an Army readiness center, high schools, higher education science laboratories, and high-rise residential buildings. He has worked extensively with energy studies and life cycle cost analysis for a variety of buildings. His analysis of one

project earned an ASHRAE Technology Award.

The top nominees from each engineering society represented on the National Engineers Week committee will appear in *USA Today* during National Engineers Week, Feb. 19-25, 2006. ASHRAE's top New Face will be announced on www.ashrae.org during that week.



Standard 90.1 was the topic of another seminar hosted by the Illinois Chapter on Dec. 13 at the Holiday Inn Apparel Mart in Chicago. It was the second full-day seminar in 2005-06 on this topic. Both programs were attended by more than 100 guests interested in learning more about Standard 90.1.

Positions Available

Mechanical Project Engineer — Candidate will be responsible for engineering and design of commercial and institutional projects. Must be experienced in HVAC engineering and design, including preparation of construction documents, client contact, AutoCAD, specification writing, coordination of work with other disciplines and professionals. Health Care experience is a plus. Must have minimum a BSME, licensed PE or (EIT soon to be PE) in Illinois, and 5 to 7 years of experience. Contact Brian M. Berg Jr., P.E., Brian Berg & Associates, Ltd., 801 West Wise Road, Schaumburg, IL 60193, Ph. 847-352-4500, Fax 847-352-4815, web site: www.berg-eng.com.

Mechanical Engineer — Associate Position Available. Registered P.E. with a minimum of 10 years experience in preparation of working drawings for multi-family mid-rise and high-rise residential buildings, food stores, schools, hospitals, police and municipal buildings and miscellaneous commercial projects. Applicant must be proficient in specification writing, site inspections, engineering reports and client contacts. Unlimited future potential with all benefits including profit sharing, healthcare and other professional perks. Loop office location. Contact Ron Cohen, Melvin Cohen and Associates Inc., at: phone (312) 663-4181; fax (312) 663-4161; e-mail: melcohen@xnet.com.

Illinois Chapter ASHRAE 2005-2006

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 Treasurer.....Mike Moxon
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"The Chapter Cannot Act for the Society"

Illinois Chapter ASHRAE Event Sign-up Form

Please sign me up for the following event.

- Feb. 7 seminar only (\$25) Feb. 7 seminar & dinner (\$55)
 Feb. 7 dinner only (\$35) Feb. 21 boiler site tour (\$25)

Name _____ Company _____

Address _____

City, State, Zip _____

Telephone _____ Fax _____ E-mail _____

- My check payable to Illinois Chapter ASHRAE is enclosed.
 Please charge my credit card for above event(s).

Credit card type: American Express MasterCard VISA

Credit card number: _____

Expiration Date _____

Signature _____

Fax credit card charges to Illinois Chapter, (708) 636-5847. Mail checks with form to P.O. Box 42-8020, Evergreen Park, IL 60805-8020.

Other Educational Opportunities for the Engineering Community

January 18, 10:00 a.m. - 12:00 p.m., **Renewing the Sustainable Enterprise: Supporting a Culture of Innovation.** This is the final session of the five part "Change to Sustain" workshop series. This session will focus on the elements of creating a self-renewing business culture for sustainable development. Discussion will address real world applications to creating a culture of metrics, planning for disruptive innovation, and identifying the human talents needed to create restorative business solutions for changing conditions. (2 PDHs)

January 31, 10:00 a.m. - 12:00 p.m., **Construction & Demolition Debris Recycling (Green Contractor Series I).** This is the first seminar in the Green Contractor Series. Chicago has a new ordinance requiring recycling of construction and demolition debris. This seminar will discuss the ordinance, review best management practices to help contractors meet the ordinance and describe the process by which DOE will verify compliance with the ordinance. Dan Harmon from Turner Construction will share his company's experience with recycling building construction debris, specifically in light of the new city ordinance. (2 PDHs)

The Chicago Dept. of Environment conducts the above free seminars. Pre-registration is required at (312) 746-9642 or e-mail greentech@cityofchicago.org. Web: www.cityofchicago.org/Environment/Greentech.

January 21, 8:00 a.m. - 5:30 p.m., A workshop introducing EnergyPlus is planned for Jan. 21 at the Holiday Inn Mart Plaza, 350 N. Orleans St., Chicago. The workshop is sponsored by Gard Analytics.

EnergyPlus is a building energy simulation program developed by the U.S. Department of Energy for modeling building heating, cooling, lighting, ventilating, and other energy flows.

This hands-on workshop introduces EnergyPlus to modelers who are familiar with the basic concepts of HVAC systems and energy simulation. The program will earn 8 PDHs.

Cost is \$450 for the full-day seminar. For more information and registration, visit www.gard.com/training.htm. To learn more about EnergyPlus, visit www.energyplus.gov.



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