



# AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS INC.

LONDON CANADA CHAPTER #116  
LondonCanada.AshraeChapters.org

SEPT 26/2005

## Board of Governors

### **President**

Joseph Claessens  
ph: 672-8511  
joe@smylicrow.com

### **Vice President and Program**

Scott Turner  
ph: 652-1977  
scott@somerset.com

### **Secretary**

Eric Shaw  
ph: 964-0022  
eshaw@baymarsupply.com

### **Treasurer**

Scott Edmunds  
ph: 667-4108  
sedmunds@uniongas.com

## Committee Chairs

### **Membership**

Jason Vanderberghe  
ph: 670-8066  
jasonv@aquatech.ws

### **Research**

Derek Vakaras  
ph: 679-8660  
derek.vakaras@chorley.com

### **Student Activities**

Jamie Whitty  
ph: 672-8511  
jamie@smylicrow.com

### **Golf Tournament**

Hugh Palser  
ph: 471-9382  
hpalser@palser.com

### **Newsletter**

Tom Pollard  
ph: 685-2570  
tpollard@execulink.com

## Program

# ECONOMICAL AND ENVIRONMENTAL EFFECTS OF ENERGY CONSUMPTION

**Mark Read**  
**Energy Stewardship Specialist**  
**London Health Sciences Centre**

An overview of the concerns surrounding the economical and environmental effects of energy consumption, the London Health Sciences Centre & St. Joseph's Health Care, London overall approach to energy management and the economical and environmental benefits that have been achieved as a result.

## FUTURE MEETINGS

Mon Oct 24/2005

Mon Nov 28/2005

Sunday Dec 11 - Special Event (ticket purchase required)  
London Knights vs Guelph Storm (2pm Game Time)

## Meeting - Monday Sept 26/2005

The Lamplighter Inn  
591 Wellington Rd., London

>>> **NEW LOWER RATES FOR MEMBERS** <<<

London Chapter Members = \$25.00 Member's Meal Plan = \$125.00

### **STUDENT NIGHT**

Students = FREE FOR SEPTEMBER (regularly \$10.00)

Others = \$35.00

CASH BAR

ALL YOU CAN EAT BUFFET

5:15-Social 6:00-Dinner 7:15-Program

If you plan on attending, and are not contacted by the telephone committee, please advise:  
Scott Turner (ph:652-1977 scott@somerset.com)



## President's Message

I would like to welcome everyone to the 2005-2006 ASHRAE year. The London Chapter just had a very successful Chapter's Regional Conference in Grand Bend and I would like to extend a thank-you to all our members that helped make it happen, with honorable mention to Peter Golem, Daryl Somers and Tom Pollard for their efforts.

Our Board of Governors have been working hard to get the year's activities arranged. We have a few new Committee Chairs this year and I'm looking forward to working with them. Our program is slowly coming together and the topics will be of interest to everyone in the industry. If anyone has a topic that they would like to have addressed or gain more knowledge of, contact myself (joe@smylicrow.com) or Scott Turner (scott@somersep.com) we would like our program to meet the needs of our members.

Please mark all the meeting dates on your calendar. We have reduced the cost of our chapter meetings for our local chapter members making it more affordable for everyone to attend.

We have arranged our social night for December this year. On Sunday December 11 we have a 54 seat box reserved at the John Labatt Centre for a London Knights Game. The tickets will be on sale at one of the up coming meetings.

This month's meeting will be Student's night. Jamie Whitty, our Student Committee Chair, will be visiting the University of Western and Fanshawe College to talk to the students to let them know the benefits of ASHRAE. Jamie will also be contacting our members and companies looking for student sponsors to help the students attend the meetings and become a student ASHRAE Member. Your support will be greatly appreciated.

I look forward to seeing you at the meeting to welcome the student, our future in the industry.

Joe Claessens  
ASHRAE London Canada Chapter President

## Speakers Bio

### Mark Read Energy Stewardship Specialist London Health Sciences Centre

Current Employment - The London hospitals (London Health Sciences Centre & St. Joseph's Health Care, London) for the last 3 years.

Work - To champion an Energy Stewardship program that addresses the hospital's energy use through retrofitting programs and staff education and awareness.

Activities - To educated other facilities on energy management practices via presentations at Canadian Healthcare Engineering Society (CHES), Ontario Hospital Association (OHA), Canadian Centre for Pollution Prevention (C2P2), Community Schools etc.

ASHRAE Newsletter business card ads are available for just \$100 / year (January to December). Please contact Tom Pollard (tpollard@execulink.com) for more information.

**Pete Edmiston**  
Branch Manager



**Carrier Canada Sales and Distribution**  
305-307 Consortium Court  
London, ON N6E 2S8  
Tel: 519-455-7000  
Fax: 519-455-7733  
E-mail: pete.edmiston@carrier.utc.com

**BAYMAR**  
SUPPLY LTD.

**Eric W. Shaw**  
Sales Manager, London District

301 Consortium Crt.  
London, Ontario N6E 2S8  
Tel. (519) 964-0022  
Cell (519) 851-8000  
Fax (519) 680-7039  
ewshaw@baymarsupply.com  
www.baymarsupply.com

**SIEMENS**

Siemens Building Technologies, Ltd.

514 Newbold Street  
London, ON  
Canada N6E 1K6

Tel: (519) 680-2380 ext. 2800  
Fax: (519) 680-2410  
Toll Free: (800) 361-9268  
jim.dinkel@siemens.com  
www.sbt.siemens.com

**Jim Dinkel**  
Account Executive

Phone: (519) 268-3166  
Fax: (519) 268-3165  
Web Site: www.eriesheetmetal.com

HEATING  
VENTILATING  
CUSTOM FABRICATING

**ERIE**  
**SHEET METAL**  
INC.

COMPUTERIZED PLASMA CUTTING  
INDUSTRIAL - COMMERCIAL

**JOE LEGUE**  
President

248 HAMILTON CRESCENT  
DORCHESTER, ONT. N0L 1G1

**IRONROSS INC. (est. 1986)**

Manufacturers Agents for Industrial & Commercial Air Handling Products

**FANS • COILS • AIR HANDLING UNITS • SILENCERS • ISOLATION • FILTERS • DAMPERS**

Jim Ironside      George Clark      Larry Mills (Sarnia)

678 BELMONT AVE. WEST, SUITE 304  
KITCHENER, ONTARIO N2M 1N6  
PHONE: 519-742-0171      FAX: 519-742-0543  
E-MAIL: [info@efi-ironross.com](mailto:info@efi-ironross.com)

**NORTHERN INDUSTRIAL**  
- FANS & BLOWERS -

**SCOTT C. DEAN, P. Eng.**

Tel: (519) 740-7000  
Fax: (519) 740-0051  
1-888-FAN-COIL  
[niscont@iprimus.ca](mailto:niscont@iprimus.ca)



4-122 Earl Thompson Rd, AYR, ON N0B 1E0



## Interactive CD Provides Greater Access to ASHRAE Handbook

ATLANTA n An enhanced CD-ROM provides greater access to the technical guidance in the ASHRAE Handbook. The ASHRAE HandbookCD+ 2002-2005 is the Society's first four-volume HandbookCD with electronic enhancements. "The CD provides users with the most complete and useful HVAC&R reference available," Mark Owen, ASHRAE Handbook editor, said. "The CD+ contains all Handbook chapters with the latest updates in a searchable electronic format, featuring interactive and supplemental tools."

These tools include:

- Spreadsheets demonstrating the radiant time series (RTS) method of load calculation;
- Greatly expanded climatic design data tables from the 2005 Handbook, Fundamentals;
- NAIMA 3E Plus software for calculating insulation thickness;
- A desiccant wheel performance estimator;
- Video clips of kitchen hood airflows;
- Equipment animations;
- Interactive charts and spreadsheets;
- Supplemental examples and text;
- More links to organizations and data;
- Color graphics for improved understanding, surpassing the presentation possible in the black-and-white print volumes;
- Links to commercial resources that allow users to source products and services related to the topic of each chapter.

The CD+ contains PDF files of chapters in all four current volumes: 2005 Fundamentals; 2004 HVAC Systems and Equipment; 2003 HVAC Applications; and 2002 Refrigeration. The 3,100+ pages of PDFs are searchable across all the volumes, in both the I-P and SI unit editions.

The cost of the Handbook CD+ is \$499 (\$249, ASHRAE members). Prices are for a single user. A multi-user network license and a network HandbookCD+ also are available.

To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, by mail at 1791 Tullie Circle NE, Atlanta, GA 30329, or visit the ASHRAE.org Bookstore at [www.ashrae.org](http://www.ashrae.org).

## SEPTEMBER 26 IS STUDENT NIGHT

This month is our first student night of the year; the chapter would like to invite all students who are interested to come out to our monthly meeting on Monday September 26th, 6:00pm to The Lamplighter Inn, 591 Wellington Road South. We would ask that all chapter members in attendance make an extra effort to welcome the students by inviting them to your dinner table or introducing yourself sometime throughout the night. ASHRAE Student Membership is only \$16.00 USD per year and enables the student to purchase various ASHRAE publications at a discounted rate, receive the monthly published ASHRAE Journal, and have access to the member's only areas on the ASHRAE website.

**SOMERS** ENVIRONMENTAL PRODUCTS INC.

Daryl Somers, CET

3392 Wonderland Road S.  
Building 3, Unit 7  
London, Ontario N6L 1A8

Tel: (519) 652-1977  
Fax: (519) 652-9323  
Mobile: (519) 670-7720  
email: [daryl@somerssep.com](mailto:daryl@somerssep.com)



Norm Clarke, P. Eng.  
District Manager

Trane Canada  
8 Belleisle Court  
London, On N5V 4L2  
Tel 519 453 3010  
Fax 519 453 3024

Windsor Tel 519 256 7922  
Sarnia Tel 519 337 0740



SALES & MARKETING INC.

Jason Vandenberghe  
Technical Representative

4390 Paletta Court  
Burlington, Ontario L7L 5R2  
web: [www.aquatech.ws](http://www.aquatech.ws)

Bus. (905) 631-5815  
Cell. (519) 670-8066  
Fax. (905) 637-8655  
email: [jasonv@aquatech.ws](mailto:jasonv@aquatech.ws)



Jim Bender, P.Eng.  
Contracting Sales

#6 - 320 Neptune Cres.  
London, ON N6M 1A1  
Tel: (519) 457-6700  
Fax: (519) 457-8900  
[bender@htseng.com](mailto:bender@htseng.com)

Toll Free: (800) 341-3110

**PALSER ENTERPRISES LTD.**  
MECHANICAL AND ARCHITECTURAL  
MARKETING AGENCY

Hugh D. Palser

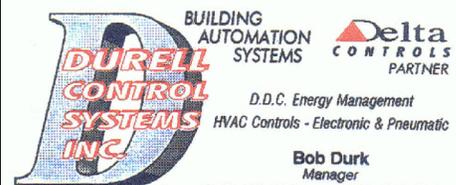
LONDON, ON

CONCORD, ON

TEL: (519) 471-9382  
FAX: (519) 471-1049

TEL: (905) 738-5200  
FAX: (905) 738-6111

E-Mail: [hpalsers@palsersent.com](mailto:hpalsers@palsersent.com)



BUILDING AUTOMATION SYSTEMS  
**DELTA CONTROLS PARTNER**

D.D.C. Energy Management  
HVAC Controls - Electronic & Pneumatic

Bob Durk  
Manager

Phone (519) 652-5502 • Fax (519) 652-0265  
e-mail: [bdurk@durellcontrols.com](mailto:bdurk@durellcontrols.com)

3392 Wonderland Rd. S., Bldg. 9, Unit 1, London, Ontario N6L 1A8



## **New Faces of Engineering**

ASHRAE Members:

Are you interested in promoting an outstanding young employee, your company and ASHRAE?

Then I encourage you to enter the *New Faces of Engineering*.

Part of National Engineers Week, Feb. 19-25, the New Faces program highlights the contributions of the industry's newest engineers. Each year, the program culminates with a full-page ad in USA Today of the top 16 New Faces. The ad features a photo of the selected young engineers, the name of the company for which they work and a brief description of their contributions.

Within ASHRAE, this same information is used to promote the Society's nominees in ASHRAE Insights, in the ASHRAE electronic newsletter, E-Connections, and on ASHRAE.org.

To make this program successful, ASHRAE needs the help of its members. We are seeking nominees. Nominees must be under the age of 30, hold an engineering degree, be employed as an engineer for between two and five years, have been involved in projects that significantly impact public welfare or further professional development and growth and be an ASHRAE member.

To nominate young engineers, submit the completed nomination form on ASHRAE.org at [www.ashrae.org/newfaces](http://www.ashrae.org/newfaces). We ask that you submit nominations to ASHRAE by November 1, 2005.

The New Faces of Engineering strives to promote the accomplishments of young engineers by highlighting their engineering contributions and the resulting impact on society. It is a recognition program, not a competition. Nominees should be able to tie at least one achievement to something the non-engineering community can appreciate.

Thank you,

Lee Burnett  
ASHRAE President

---

## **ASHRAE.org Earns Award of Excellence**

ATLANTA - ASHRAE.org, the Web site of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, has earned an award of excellence from the Web Marketing Association. The association's Standard of Excellence WebAward recognizes the best Web sites in a variety of industry categories. Past Standard of Excellence sites include The American Water Works Association, ABC News, and Abercrombie and Fitch. Judges noted that ASHRAE.org is "easy to navigate and easy to find your contact information." Entries are judged on design, innovation, content, technology, interactivity, copywriting and ease of use.

The site exceeds 6,000 unique visits per day and hosts 8,000 documents. ASHRAE.org was launched in 1995 to deliver information to the HVAC&R industry, including authoritative, in-depth technical information, information on Society activities, updates on emerging trends in new technologies, and information on HVAC&R products, companies and organizations. "ASHRAE.org is designed to make it easy for visitors to find the information they need in order to help fulfill their obligation to their clients and customers as well as to the Society," David McAlister, ASHRAE's manager of electronic communications, said. "For Internet professionals to judge our site a Standard of Excellence in Web design is encouraging. But the usability and friendliness of a site depends on member feedback and constant study of industry best practices. We see this award as confirmation that we're on the right path."

Services of the site include:

- \* Discussion boards to enable practitioners to share expertise and opinions in a variety of technical areas.
- \* Online meetings for committees.
- \* An interactive membership application form.
- \* A career services center where members can post resumes and search for jobs.
- \* Enewsletters, The HVAC&R Industry, which provides weekly industry update to subscribers, and Society Connections, which provides discussion forums on technical issues and Society news.

The Web Marketing Association was founded in 1997 to help set a high standard for Internet marketing and corporate Web development on the World Wide Web.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.