

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

LONDON CANADA CHAPTER #116

LondonCanada.AshraeChapters.org

January 31/2005

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Program

LEED™ Canada and Canada Green Building Council

Mr Michael Pelton, B.A.Sc., P.Eng
LEED Accredited Professional
Enermodal Engineering

Recently, there has been a groundswell of interest in green building. Owners, designers, and product manufacturers are beginning to recognize that by integrating sustainable design principles into their projects, they can dramatically improve the performance of the buildings they create and reduce life-cycle costs. Green Building Councils around the world are at the forefront of these efforts - working to help transform the built environment towards a sustainable future. This presentation will provide an introduction to the Canada Green Building Council and its activities. An overview of the benefits of green buildings will be provided as well as an introduction to the Leadership in Energy and Environmental Design (LEED™ Canada-NC v1.0) green building rating system. Examples of several recent projects that Enermodal Engineering Ltd. has been involved with will highlight recent green building successes.

Meeting Location - Monday January 31/05

The Lamplighter Inn
591 Wellington Rd., London

London Chapter Members = \$30.00

Guests (all others) = \$35.00

CASH BAR

ALL YOU CAN EAT BUFFET

Student Night

5:15-Social

6:00-Dinner

7:15-Program

If you plan on attending, and are not contacted by the telephone committee, please advise:
Joe Claessens (ph: 672-8511 joe@smylicrow.com)



President's Message

I hope everyone enjoyed the holiday season and 2005 has been good to you so far. This month's meeting will be our second Student Night of the year, and I urge you to take the opportunity to meet the students that will be attending the meeting. The topic this month is LEED (Leadership in Energy Efficient Design), and should tie in nicely with the UWO Fourth Year student project, which this year is conceptual design of a new Engineering Building on Campus. We hope everyone will come away from the meeting with some new ideas on sustainable design for their projects.

I'd like to thank Joe Claessens for filling in for me at November's meeting while I was in sunny Dominican Republic for a friend's wedding. I hear the meeting was a good one, and well attended.

As I've mentioned before in this spot, our focus this year is on membership renewal. Our membership has declined a bit in the past couple of years, as some people have left the chapter and not quite as many new members have joined up. We do have four or five new members so far this year, but I'm sure there are a number of others in the area who could benefit from joining ASHRAE. If you know someone like that, please help us spread the word. Anyone interested in membership can contact me at derek.vakaras@chorley.com and I'll be happy to assist them in getting started.

See you at the meeting.

Derek B. Vakaras, P.Eng.
President, London Canada Chapter


Speaker's Bio

Michael C. Pelton, B.A.Sc., P.Eng
Research and Design Engineer
Enermodal Engineering (www.enermodal.com)

Mr. Pelton has over six years experience in sustainable design. His main areas of expertise include energy conservation/efficiency, renewable energy, water conservation/efficiency, low impact development, green materials selection, indoor environmental quality and construction waste management. He works closely with owners, architects and design consultants to improve building energy and environmental performance. He also designs solar and wind energy systems and has conducted detailed computer simulations and field monitoring to assess their performance. Mr. Pelton is a LEED™ Accredited Professional for the Leadership in Energy and Environmental Design building rating system administered by the U.S. Green Building Council.

As a Research and Design Engineer at Enermodal, Mr. Pelton has worked on projects encompassing the various aspects of energy efficiency and sustainability.

Pete Edmiston
Branch Manager



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**FEBRUARY 28, 2005**

Just a reminder that for the next meeting, we have arranged to have
ASHRAE Distinguished Lecturer

Christopher McDonald, Esq.
Shook Hardy and Bacon LLP
Kansas City, Mo

topic: *Indoor Air Quality and Mold: Legal Issues and Liability Concerns
for Engineers and Related Industry Professionals*

Be sure to mark you calendar for this special evening.

Joe Claessens
CTTC Chair & Vice President, London Canada Chapter

TableTop Display

Palser Enterprises will have a display and information on Bradley washbasins that have an option to power a hand washing fixture without electricity or batteries. "The patent-pending ndite technology developed by Bradley using photo-voltaic cells to convert light to energy. The energy is then stored in a proprietary battery-free power system, which then provides energy to the sensors and valves. Whether natural light or normal room level lighting, the cells continue to capture light and store the energy for later use. ndite technology completely eliminates the need for an electrical hook-up or any batteries, plus provides years of maintenance-free operation. This environmentally friendly technology keeps dangerous battery acids out of landfills and caves money on installation and maintenance."

Be sure to stop by and see the new product and pick up some information.

HOCKEY NIGHT

Erie Otters at the London Knights
Thursday March 3/2005 at the John Labatt Centre
Cost: \$25.00 for a game ticket and snacks
Contact Joe Claessens at the January meeting for tickets

January Student Night

It is student night once again and we would like to invite all students to come out to our monthly meeting on Monday January 31st. The cost to students on this night is FREE! Members, please make an extra effort to welcome students by inviting them to your dinner table or introducing yourself sometime throughout the night.

Any company that would like to sponsor a student meal on this night can contact me or Scott Turner.

Jamie Whitty
Student Activities Chair, London Canada Chapter

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