



Airways

Hamilton Chapter No. 037

<http://www.vaxxine.com/ashrae/>

American Society of Heating, Refrigeration and Air Conditioning Engineers

Volume 51, No. 3

Our 51st Year

November 2009

Tuesday, November 10, 2009

Solar Thermal Solutions

Wilfred Laman, P. Eng. will discuss different solar thermal technologies, system design, federal/provincial rebates along with a review of solar thermal applications.

Featured Speaker

Wilfred Laman, P.Eng.

**Vice-President Business Development & Engineering
Glenbarra Renewable Energy Solutions**

Wilfred Laman, P. Eng. started his career with Canadian Blower/Canada Pumps and later The Howden Fan Co. through 1995. He then represented Chicago Blower through Enviro-Tech HVAC Products until 2003 when he joined Quiet-Aire Manufacturing as VP Sales and Engineering.

In 2007, Wilfred entered the renewable energy world. He joined EnerWorks Inc. as Regional Sales & Project Manager, managing a number of notable solar thermal projects. All systems included packaged mechanical systems, tested and certified and totaling close to 400 collectors with an installed capacity of 1.5MW of Solar Thermal systems. He became North American Director Commercial, Industrial & Strategic Accounts, responsible for working throughout North America with Architects, Mechanical Consulting Engineers, Contractors, Project Partners and end users for the integration and design of a solar thermal solution in several commercial and industry verticals.

Wilfred was later contracted to EnerWorks Inc.'s largest project partner in Ontario where he currently holds the position of Vice President Business Development & Engineering at Glenbarra Renewable Energy Solutions in Mississauga. He is responsible for Sales, Engineering, Project and Construction Management for Solar Thermal, Solar Photo Voltaic systems and complementing energy efficient building solutions.

Royal Hamilton Yacht Club

North End of McNab, On Hamilton Harbour

5:00 pm – Social Hour

6:10 pm – Dinner

7:15 pm – Feature Speaker

Dinner/Feature Speaker

Chapter Members - \$30.00 • Guests - \$40.00 • Students - \$15.00 • Meal Plan - \$150.00

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Wilfred Laman Bio. (cont'd.)

ASHRAE Highlights – Wilfred joined ASHRAE as an Associate Member in 1987 and was promoted to a Member in 1989. He has filled most of the Chair positions in the Hamilton Chapter and continues to serve as a member of the Board of Governors. Wilfred was Region II's RVC for the Chapter Programs Committee. He was requested to move to Vice Chair then become the first Chair of the newly formed Chapter Transfer Technology Committee. Wilfred has just completed serving his third year as DRC in Region II and now sits as a member on the Nominating Committee. Wilfred is the recipient of a Chapter Service Award, a Regional Award of Merit and a Distinguished Service Award. He is a Corresponding member of TC 5.1, 5.4, 5.8, 6.6 and 6.7.

Past Presidents/Ladies Night (A Night at the Races)

David Rasmussen has arranged for the Chapter to enjoy a "night at the races" at Flamboro Downs. A flyer with more details is attached to this Airways Bulletin.

Note that this event will not take place unless at least 70 people have committed to attend so please indicate your interest early to facilitate planning.

David has fielded a number of comments/questions:

Q – Last time we were up high in the restaurant and it was difficult to see. **A** – NOT THIS TIME! We are at the finish line against the glass.

Q – I am single and am not a Past President. **A** – We don't discriminate—ALL ARE WELCOME!

Q – My neighbours would also like to attend. **A** – Bring them along! We will make them feel welcome.

Q – How can you get 70 people out to this event? **A** – We are already in the 40's—SO ACT NOW!

Q – I have NO IDEA how to place a bet. **A** – We will have a qualified race person there to explain bets and answer any other questions.

Q – What if it snows? **A** – Races don't stop for snow . . . Golf Tournaments . . . maybe.

We hope this clears up any confusion. See you there!
Remember to confirm the number in your group to David.

Technical Session

During this month's Technical Session, **Dr. Mohamed S. Hamed, P. Eng.**, Associate Professor and Director of the Thermal Processing Laboratory (TPL) at McMaster University, will speak to Chapter members about their current research activities.

This research includes a new project in the area of Net Zero Energy Buildings in collaboration with Public Works and Government Services Canada (PWGSC).

[Note that the ASHRAE Student Chapter at McMaster University has been "re-born" and Dr. Hamed and Dr. Cotton are actively promoting more student involvement.]

ASHRAE Research

Cooler weather, football, beautiful colors on the trees and Halloween just over. November also indicates that our fund raising campaign for 2009-2010 is getting into gear. As members and prior year contributors, please expect a call from one of our executives, reminding you of the critical work ASHRAE's research arm does. Thank you for your generous donations in the past. Please continue to contribute generously.

The Hamilton Chapter has achieved "Full Circle" for the 2009-2010 contribution year. To achieve this, personal contributions are required from the President, Vice President, President Elect, Secretary, Treasurer and the RP Chair. It requires a minimum contribution of \$100.00 from each Officer. Full Circle is more than PAOE points – it is an opportunity for your Board of Governors to show Chapter members and donors that we fully support ASHRAE Research. I would like to thank the executives for making this possible.

We would like to thank the following persons & organizations who have contributed up to October 2009 for the 2009-2010 year:

Mr. Terry J. Fowler
Philip Doyle Manufacturing
Mr. Dave Herbert Lipsit
Mr. Richard J. Fahey
Mr. Terence W. McLorg
Mr. Maximilian G. Andronowski
Mr. Chris J. McClelland



Submitted by Reaz Usmanali, BSc, LEED AP
Research Chair 09/10

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ASHRAE News Releases

ASHRAE, UNEP Further Work in Protecting the Ozone

ATLANTA – ASHRAE and the United Nations Environmental Programme have launched a joint program of work in order to reduce emissions and encourage energy-efficient refrigeration and air conditioning systems and building designs.

ASHRAE Headquarters Receives Highest LEED Certification

ATLANTA – ASHRAE has always prided itself on providing the gold standard in research, standards writing, publishing and continuing education. However, when it comes to energy efficiency and sustainability, gold just isn't good enough: That's why the ASHRAE Headquarters has gone a step further and has been awarded a LEED Platinum Certification in the New Construction 2.2 rating system.

ASHRAE Seeks Proposals on User's Manual for Green Buildings

ATLANTA – There are many ways to define a green building. Energy-saving measures, water efficiency, indoor environmental quality, materials and building orientations all play a role, but it is the way that all of these come together that makes a building truly high-performing.

Here Comes the Sun: ASHRAE to Act as Supporting Sponsor of 2009 Solar Decathlon

ATLANTA – Recognizing the key role solar energy will play in the development of net-zero energy buildings (NZEBS), ASHRAE is proud to be a supporting sponsor of the 2009 Solar Decathlon.

ASHRAE Makes Information on Datacenters More Accessible in CD Form

ATLANTA – It is estimated that \$2 billion is wasted nationally due to data center inefficiencies. That's why the valuable information found in ASHRAE's Datacom Series—which provides guidance on ways to plan, build and monitor datacenters in ways that are both energy efficient and cost effective—has been compiled into one easily searchable CD.

**[Click to go to the ASHRAE
Press Release web page](#)**


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2009 – 2010 Meeting Schedule

This year's meeting schedule is summarized below. Except for some special events, all meetings will be held at the Royal Hamilton Yacht Club, at the north end of McNab St., on the Hamilton Harbour (If you need a map, visit our web site). New products and/or services may be presented informally via a "technical session" or a "table top demonstration" prior to dinner. After dinner, the main topic of the evening is presented by the "feature speaker". If you are interested in presenting a technical session, booking table top space to promote your product and/or service or, if you have a suggestion for a feature subject and/or speaker, please contact Terry Fowler (Programs Chair). There is a charge of \$75.00 for "table top demonstration" space and this includes a business card ad for two months.

ASHRAE Hamilton Chapter Program Activity			
Date	Theme	Technical Session /Table Top Demonstration	Feature Speaker
November 10, 2009	Research	Dr. Mohamed S. Hamed, P. Eng. Associate Professor McMaster University Net-Zero Energy Building Research	Wilfred Laman, P. Eng. V-P – Business Development & Engineering Glenbarra Renewable Energy Solutions Solar Thermal Solutions
December 6, 2009 (Not 2 nd Tuesday)	Social/History	Past Presidents / Ladies Night Flamboro Downs	
January 12, 2010	Commissioning	LEED-EBOM	Morrison Herschfield
February 9, 2010	Membership	Your Industry in a Nutshell	Panel Discussion CCA, MCA, Green Building Council, ASHRAE
March 1, 2009 (Not 2 nd Tuesday)	CMX Show	ASHRAE Distinguished Lecturer / topic to be determined Joint Meeting with ASHRAE Toronto Chapter	
April 13, 2010	Refrigeration	Refrigerants	to be determined
May 11, 2010	C.T.T.C.	to be determined	to be determined
June 9, 2010 (Not 2 nd Tuesday)	Social/ Research	Peninsula Lakes (near Fonthill, ON) Annual Golf Tournament	

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ASHRAE HAMILTON CHAPTER **PAST PRESIDENTS AND LADIES NIGHT** **A NIGHT AT THE RACES**

*** * OPEN TO FAMILY AND FRIENDS * ***

DATE: SUNDAY, DECEMBER 6, 2009 (ARRIVAL TIME – 5:00 P.M.)

LOCATION: FLAMBORO DOWNS

COST: \$35.00 PER PERSON (must be 19 or older)

**INCLUDES: Buffet Supper at “Top of the Turn”
Free Parking
Race Program**

Each person will also receive a \$5.00 Voucher for the Casino located on the Main Floor



ASHRAE MUST GUARANTEE 70 PEOPLE OR THE EVENT WILL NOT TAKE PLACE.

PLEASE CONFIRM YOUR INTENT TO ATTEND ASAP BY E-MAILING:

David Rasmussen at tigerdave60@yahoo.ca

Please make sure you include the number in your party.