



Airways

Hamilton Chapter No. 037

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American Society of Heating, Refrigerating and Air Conditioning Engineers

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Our 52nd Year

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Tuesday, February 8, 2011

Air-To-Air Energy Recovery

Feature Speaker

Klas Haglid, P.E., R.A.

Building Performance Equipment, Inc.

May, 2009 Drexel University graduate, award-winning engineer and patent holder, Klas Haglid, P.E., R.A. is Principal of Haglid Engineering & Associates Inc. His nationally and internationally recognized firm provides HVAC, mechanical and structural services for commercial and industrial properties.



Klas has served as Chairman of two ASHRAE Technical Committees – 5.5 *Air-to-Air Energy Recovery* and 7.8 *Owning and Operating Costs*. As an active ASHRAE member, he has moderated forums and seminars and presented many seminars on improving building operations, reducing operating costs, meeting codes and has published dozens of articles on energy recovery and building-related HVAC topics. Klas has been presented the Distinguished Service Award by ASHRAE.

Klas is married and has two kids and enjoys helping to make the world a better place with sustainable engineering and architecture for the generations to come.

IMPORTANT – Please RSVP to John Freeman – john.freeman@trane.com – by February 4th, 2011 as we must give the RHYC an idea of the number of people attending.

Royal Hamilton Yacht Club

North End of McNab, On Hamilton Harbour

5:00 pm – Social Hour / Cash Bar

6:00 pm – Buffet Dinner

7:15 pm – Feature Speaker

Dinner / Feature Speaker

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

President's Report

It was a pleasure to have our January 11th ASHRAE meeting with the Mechanical Engineering students from McMaster University at Kelsey's Restaurant in Hamilton.

The students shared with us their Phase I overview of the new proposed net-zero student engineering building on McMaster's campus. It was great to see the enthusiasm and energy that these young engineers-in-training brought to their presentation. The building design will be incorporated into the Mechanical Engineering Department's final year project. Groups of students have been working on various components of the building, ensuring that it meets the most stringent energy efficient design. After the presentation, there was a very good exchange of ideas and contact info to be used in their next phase of design. The Hamilton ASHRAE Chapter is pleased to be associated with Dr. Cotton and this fine group of engineering students.



McMaster Engineering Students' Presentation

The AHR Expo at the Las Vegas Convention Centre is fast approaching, running from Monday, January 31 to Wednesday, February 2. Over 45,000 HVACR industry professionals from the US, Canada and 118 other countries have registered for this Show. With nearly 1,900 Exhibitors, this AHR Expo is the event of the year for buying, selling, networking and learning. There will be a number of us attending from the Hamilton Chapter and we look forward to seeing you at the Show!

Best regards,

Mike Krewski, President 10/11

ASHRAE News Releases

[Green Tips Provide Guidance for Greening Data Centers: New ASHRAE Book](#)

ATLANTA – More than 50 percent of the total energy consumption of data centers can be attributed to the power and cooling infrastructure that supports the IT equipment housed in them. Guidance in a new book from ASHRAE aims to help reduce that energy use through proven, easy-to-implement tips.


**Click to go to the ASHRAE
Press Release web page**

Upcoming Hamilton ASHRAE Chapter Meetings

The next meeting, scheduled for **March 8th**, will remain at the **Royal Hamilton Yacht Club**. Andre Patenaude, C.E.T., Director of Marketing with Emerson Climate Technologies Canada, will make a presentation on [digital compressor technology](#).

The **April 4th** meeting will be a joint meeting with the Toronto ASHRAE Chapter and will take place in the Oakville area.

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2010 – 2011 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
February 8, 2011	Membership		Klas C. Haglid, PE, RA Building Performance Equipment, Inc. Air-to-Air Energy Recovery
March 8, 2011	History		Andre Patenaude, C.E.T. Emerson Climate Technologies Emerson's Capacity Modulation Solution
April 4, 2011 (not 2nd Tuesday)			Wei Sun HVAC Healthcare Design Joint Meeting with Toronto ASHRAE Chapter
May 10, 2011	C.T.T.C.		Speaker Name tbd Enermodal Engineering Modelling for Grants
June 15, 2011 (not 2nd Tuesday)	Social/ Research	Annual Golf Tournament Legends on the Niagara – Battlefield Course	

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