



Airways

Hamilton Chapter No. 037

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

American Society of Heating, Refrigeration and Air Conditioning Engineers

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Our 50th Year

September 2008

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Tuesday, September 23, 2008
(not the normal 2nd Tuesday)

RWDI Tour – Guelph

(Dinner – Turtle Jacks Restaurant)

See details below

With over 400 employees, RWDI (Rowan Williams Davies & Irwin Inc.) is a comprehensive, unique blend of senior scientists, engineers, specialists, meteorologists, engineering technologists, modelers, technicians and support staff.

The firm's key clients include leading architectural, mechanical, and structural engineering firms plus private and public facility owners. Facilities include four boundary layer wind tunnels, an open channel water flume and advanced computer modeling capabilities including Computational Fluid Dynamics (CFD). RWDI also has an in-house model shop that uses stereolithography technology, integrated data acquisition, storage and processing systems, computer-aided drafting and a broad base of specialized instrumentation.

The facility tour will include mini presentations by some of their specialists. These brief presentations would cover topics such as:

- integrated sustainable design including energy modelling & daylight simulation
- high performance ventilation and cooling/heating concepts
- building envelope design topics (including load and gain determination)
- acoustics, noise and vibration
- exhaust stack and intake design to minimize re-entrainment of pollutants that cause health and odour concerns.

Dinner and tour limited to 40 people

**RSVP to Mike Krewski at mkrewski@uniongas.com
before September 18, 2008**

5:30 pm – 7:00 pm

**Dinner at Turtle Jacks Restaurant
515 Woodlawn Road West (across from RWDI)**

Everyone is on their own to pay for dinner/drinks

7:00 pm

**Tour of RWDI (Rowan Williams Davies & Irwin Inc.)
650 Woodlawn Road West, Guelph, ON N1K 1B8**

No charge for tour

President's Report

Firstly, I would like to welcome everyone back for another exciting ASHRAE year. I trust that everyone had an excellent Summer. As I begin my term as President, I am confident that the Hamilton Chapter will have a successful and eventful year much like recent years. The following summarizes some events since our last Chapter meeting and also describes several of last year's outcomes.

Our annual Golf tournament was held on June 4th at the Legends on the Niagara. With almost 120-golfers in attendance, utilizing a "shot-gun" start, the day was awesome. Don't forget to book next year's tourney, which is on June 3rd, 2009, location to be determined.

The Hamilton Chapter Executive Committee held its annual "Summer Summit" July 9th at outgoing President David Hills' campsite, nine members of the Board of Governors were in attendance. We reviewed the 2007-8 year and began planning the upcoming 2008-9 year discussing everything from volunteers serving which Chair Sections, to Chapter Finances. Programs were also discussed to get as much of a broad spectrum of topic ideas as possible. New chair-people brought new ideas and concepts to the Executive, and assisted in spreading the workload from seasoned veteran chairs to the newer volunteers.

The 2008 CRC was held in Montreal August 22-4. I was pleased to attend as Delegate and Mike Krewski acting as my Alternate. The Hamilton Chapter was well represented with chair attendance in workshops for membership, research, technology transfer, and historical; missing out only on student activities. Some highlights that came out of this conference included historical displays from multiple chapters including Hamilton, and award presentation at the Presidential Luncheon. The Hamilton Chapter Executive Committee was able to achieve the Gold Circle Status. A Chapter Service Award was presented for Mr. George Robb. Congratulations.

We had a good Research Promotion year falling just 7.5% shy of our 2007-8 Chapter Goal of \$8,500. If you were one of these sponsors, the Hamilton Chapter (and Society) thanks you for your generosity. If you were not able to donate, then perhaps you could re-evaluate the great benefits of this type of donation because your contribution, no matter how large or small, really does matter. If you should have any questions regarding research promotion, please feel free to contact David Hills at hamilton@engineeredair.com.

New student member growth rate continues to grow in a positive direction; however the total new student

membership was approximately half of that of last year. Sincere thanks to Dr. Michael Collins our Chapter liaison to the student branch at the University of Waterloo.

Our membership grew in terms of the Area Assigned Members over the previous year and we also experienced a reduced membership delinquency. Just a kind reminder to please pay your Society and Chapter dues on time as soon as you receive your invoice (the majority receive this invoice in June each year) so that you don't forget about them and delay the payment.

If you know someone that may benefit by becoming a member of ASHRAE and experiencing everything it has to offer, then please contact Adam Werthmiller at awerthmiller@tmpniagara.com or visit www.ashrae.org.

A reminder that all of our regularly scheduled meetings normally take place on the **second Tuesday of each month**, September 23rd, 2008 tour in Guelph being one exception. Meetings are often held at the Hamilton Yacht Club and this year we intend to host at least 2-3 events in the Guelph-Kitchener-Waterloo area.

Best Regards,

Terry Fowler, P. Eng., President 08/09

Upcoming Chapter Meetings

Tuesday, Oct. 14/08
Theme: C.T.T.C.

Representatives from Johnson Controls/Viconics will talk about the **New BACnet Standard for Wireless**.

New Executive Members

Reaz Usmanali, of Johnson Controls, is one of two new members of the ASHRAE Hamilton Chapter Executive, jumping right into the Programs Chair role.

Reaz, a native of the South American country of Guyana, obtained a Bachelors Degree in Engineering from the University of Guyana in 1993. He earned a number of awards including best graduating student in engineering.

Following graduation, Reaz joined IDI Engineering Limited, a general contractor in Guyana, where he worked in various roles including Estimator, Project Manager, Sales & Design Engineer and, finally, Engineering Manager.

Reaz and his family immigrated to Canada in 2002 and he joined Carrier Canada in Commercial Equipment Sales. Five years later, in February 2008, he moved to Johnson Controls where he currently holds the position of System Sales Executive.

Reaz is a new ASHRAE member, having joined in March of this year.

Thanks and welcome – on behalf of all ASHRAE Hamilton Chapter members.

Our second new Executive member is **Sergio Pinto**, of Applied Energy Systems, filling the role of Chapter Secretary. I hope to have a short "bio" for Sergio for the October Airways.

*Allan Antcliffe, P. Eng.,
Homepage & Airways Editor 08/09*

Message from the Editor

John Loncar, P.Eng., MBA is taking a break from the ASHRAE Hamilton Chapter Board of Governors. On behalf of all Chapter members, I want to thank John for his many contributions. I am sure that we will still see him at many Chapter meetings.

As usual, any suggestions and/or comments on the Airways bulletin are welcome.

*Allan Antcliffe, P. Eng.,
Homepage & Airways Editor 08/09*

Upcoming Events of Interest

Green Building Festival

September 9 – 10
Toronto Congress Centre
www.greenbuildingfest.com

PM Expo

December 3 – 5, 2008
Metro Toronto Convention Centre
www.pmexpo.com

ASHRAE Winter Meeting (including AHR Expo)

January 24 – 28, 2009
Chicago, IL
www.ashrae.org
(Click on Meetings & Events)
or www.ahrexpo.com

ASHRAE News Releases

[ASHRAE, Global Cold Chain Alliance Ban to Promote Mutual Refrigeration Interests](#)

[ASHRAE, The Green Grid Collaborate to Develop Data Center Efficiency](#)

[New Package from ASHRAE Gives Users Tools for LEED](#)

[ASHRAE Publishes New Guidance on Commissioning Process](#)

[ASHRAE Raises More Than \\$2 Million for Research Promotion](#)

[BACnet Looks at Improving Standardized Communications](#)

[Improving Building Performance Strong Focus of ASHRAE Meeting](#)

[Market Transformation Taking Place with Advanced Energy Design Guide](#)

[UVC, Turbine Cooling Included in New ASHRAE Handbook](#)

Listed above are the "headlines" of some of the news releases which ASHRAE made over the course of the summer. Click anywhere on the list to go to the the ASHRAE Press Release web page.



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2008 – 2009 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
September 23, 2008 (not 2 nd Tuesday)	Membership	none	Dinner - Turtle Jacks Restaurant <u>Tour of RWD!</u> Guelph, ON
October 14, 2008	C.T.T.C.	<u>Johnson Controls/Viconics</u> New BACnet Standard for Wireless	Speaker to be determined <u>Johnson Controls T.C. Member (possible DL)</u> New BACnet Standard for Wireless
November 11, 2008	Research Promotion	<u>H₂ Green</u> Hydrogen Assisted Renewable Power	Speaker to be determined <u>H² Green</u> Topic to be determined
December ?, 2008	History/ Past Presidents	Christmas Event — Murder Mystery <u>Date and Location to be determined</u>	
January 13, 2009	Student Membership	none	Speaker to be determined <u>University of Waterloo</u> Career Night
February 10, 2009		none	Speaker to be determined <u>Brock University – St. Catharines</u> Brock University Tour -- LEED AP
March 10, 2009	Industrial	Dofasco	Bill Murphy <u>Company?</u> Topic to be determined
April 14, 2009	Refrigeration	none	Speaker to be determined <u>Sleeman / Lakeport Tour</u>
May 12, 2009	C.T.T.C.	President's Message SP180 - Maintain to Sustain	Bill Harrison <u>Company?</u> Topic to be determined
June 10, 2009 (not 2 nd Tuesday)	Social/ Research	Peninsula Lakes (near Fonthill, ON) Annual Golf Tournament	

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