



Airways

Hamilton Chapter No. 037

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American Society of Heating, Refrigeration and Air Conditioning Engineers

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Our 47th Year

April 2006

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Wednesday, April 19, 2006
(Not the normal Tuesday)

Satellite Broadcast
Sustainability and the Building Environment

12:00 p.m. – Lunch

1:00 p.m. – Introduction & Welcome

1:03 p.m. to 2:15 p.m. – Presentations

- Sustainability: What does it Mean and Why is it Important?
- If It's Not Energy Efficient, It's Not Sustainable: How to Ensure Top Energy Performance in Green Buildings
- Integrated Design for Sustainability

2:15 p.m. – Q&A

2:30 p.m. – Break

2:40 p.m. to 3:35 p.m. – Presentations

- Better byDesign – Project Studies
- Green Buildings and Sustainable Communities

3:35 p.m. – Q&A

3:55 p.m. – Closing

4:00 p.m. – Break

4:15 p.m. – Tour of Mechanical Room, Studios and Broadcasting Centre

Note: Topics and Scheduled Times May Change

Sponsored by
York Johnson Controls

Crossroads Communication Centre
1295 North Service Road, Burlington

12:00 noon – Lunch

1:00 pm to 4:00 pm – Satellite Broadcast

4:15 pm – Tour Mechanical Room / Ice Storage Facility (tentative)

Lunch/Satellite Broadcast/Tour

Chapter Members - \$30.00 • Guests - \$40.00 • Students - \$15.00
(Meal Plan not applicable)



President's Report

Spring has sprung and we are coming out of the winter doldrums.

This month we are offering a new type of meeting, that I'm sure will become a part of the future type of meeting – Satellite Broadcast.

I was involved with the last web-cast on mould by watching it on my desktop. I was impressed with the organization and experts that were party to this experience. While the quality was acceptable, it did suffer from the limitations of a computer screen.

Now, through the generous sponsorship of Johnson/York, we are able to offer a big screen event and still keep the costs to a minimum, which I hope will be supported strongly by the membership.

Wednesday April 19th – join the rest of us for a special afternoon.



Wilf's moving on up.

His dedicated service to the Hamilton chapter, as well as the responsible positions at Society, has landed him the role as Director and Regional Chair (DRC) for the next three years. He will be on the ASHRAE Board of

Directors representing Region II (Eastern Canada) as well as many trips to the other eight chapters in the region.

The Hamilton chapter is putting on the CRC (Chapters Regional Conference) in Niagara Falls this August, so let's give Wilf a good start to this position with our local support.

CRC August 25th, 26th, 27th – plan on attending.

There's only one "regular" meeting left for May so we will introduce the new executive that night for the upcoming year.

Our Research campaign is underway and we look forward to your contributions to put us over the top this year.

Remember also Wednesday June 7th – book your foursome with Dave Rasmussen **now**.

Bill McCartney, President & Research Chair 05/06

ASHRAE Hamilton Chapter 2006 Golf Tournament Wednesday, June 7th

Thanks for the commit . . . now you must submit!
(That's my quote not Johnnie Cochran's)

Many of you have given me a verbal commitment. However, it's imperative that you now send me your completed form and cheque to secure your intent.

Remember from previous Airways, **we require 120 golfers to close the course.**

Again, we will be tackling the Battlefield Course at the Legends on the Niagara. Legends has given me a May 20th deadline for 120 golfers or they open the course to other groups. Let's keep the course to ourselves! Plus by having a shotgun start, everyone finishes at roughly the same time.

New format this year being a scramble. Rules to follow.

Help me report next month that we have reached 120!



David Rasmussen, Social Chair 05/06



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Upcoming Chapter Meetings

Tuesday, May 2/06

Theme: Commissioning

Technical Session - **Wilfred Laman, P. Eng.** from Quiet-Aire [Chapter Treasurer and incoming ?????] will outline the **structure of ASHRAE**.

Feature Speaker - **Bill McCartney** of Isotherm Engineering [Chapter President & Research Chair] will make a presentation on building commissioning — a Denver Symposium paper presented in ?????.

Wednesday, June 7/06

Theme: Social / Research

ASHRAE Hamilton Chapter Golf Tournament
at Legends on the Niagara – Niagara Falls

Mark these dates on your calendar now!

New Chapter Executive Members

Mike Krewski – Mike is a graduate of Wilfred Laurier University (formerly Waterloo Lutheran) and also holds a business administration diploma. He is currently enrolled in TEMOL (Training in Energy Management) – a 14 module/100 hour program which leads to the Energy Institute's Certificate of Competence in the Fundamentals of Energy Management.

Mike has 25 years experience in the energy sector including stints with Texaco and Sunoco. He is currently a Commercial/Industrial Account Manager with Union Gas promoting natural gas technologies and energy efficiency.

Mike joined ASHRAE in 2005 and is an Associate

Member. He is also involved in other industry related organizations including HRAI, Skills Canada and the Energy and Environment Forum at the Greater Kitchener-Waterloo Chamber of Commerce.

As T.E.G.A. Chair, he maintains contact with various government (all levels) organizations in our Chapter area to promote ASHRAE and monitor activities which may affect our industry.

Adam Werthmiller, C.E.T. – Adam is a graduate of Niagara College's Mechanical Engineering Technology program.

Early in 2002, he joined TMP Niagara (The Mitchell Partnership) as a CAD Designer under the supervision of Lee Norton. With TMP, Adam has worked on a wide range of projects including renovations to the Skylon Tower, Niagara Detention Centre, St. Catharines Courthouse, Niagara Casino and a number of other well-recognized buildings.

Adam received his C.E.T. designation and joined ASHRAE as an Associate Member in 2004. He is also a member of ASHRAE's YEA (Young Engineers in ASHRAE).

As Student Activities Chair, Adam maintains contact with universities/colleges in our Chapter area and is looking to increase our ASHRAE student membership and establish one or more student chapters.

John Loncar, P. Eng., MBA – John graduated from the University of Waterloo with a B.A.Sc. in Civil Engineering and, a few years later, from Wilfred Laurier University with a MBA.

John worked in the construction industry in various roles (consulting to technical sales) prior to joining Union Gas in 2001. Within Union Gas, he has enjoyed positions as a Service Manager in Operations, a District Engineer and is currently an Account Manager, Commercial /Industrial Marketing.

John became a Member of ASHRAE in 2006. John is currently slated to assist Nathan with Programs and possibly take over that position as Nathan moves up in the ASHRAE hierarchy.

Thank you and welcome on behalf of all ASHRAE Hamilton Chapter members – your efforts are very much appreciated.

ASHRAE News Releases

26 Projects Funded Energy Recovery Methods Studied with ASHRAE Undergraduate Grants

ATLANTA – While most residential air conditioners work on 100 percent return air to reduce energy costs, this creates a problem in lack of sufficient fresh air.

Twenty-six grants, totaling some \$120,000, have been awarded by ASHRAE to colleges and universities worldwide to promote the study and teaching of HVAC&R, encouraging undergraduate students to pursue related careers. The grants are used to design and construct projects.

Papers Sought for CLIMA 2007

ATLANTA – Papers are being sought for CLIMA 2007, which will focus on creating wellbeing in indoor environments in an environmentally sustainable manner.

ASHRAE Names Three New Distinguished Lecturers

ATLANTA – Three new distinguished lecturers have been named by ASHRAE.

Changes to ASHRAE Standard 62.1 Ventilation Rates Proposed

ATLANTA – Ventilation requirements for high-rise residential buildings are among changes being proposed for ASHRAE's indoor air quality standard.

Five BACnet Addenda Open for Public Review

ATLANTA – Five addenda to ASHRAE's BACnet standard are available for public review until May 1.

ASHRAE Studies Impact of Ventilation on Health

ATLANTA – The impact of ventilation rates on occupant health is being studied through ASHRAE research.

ASHRAE Focuses on Future Growth with New Strategic Plan

ATLANTA – A new strategic plan adopted by ASHRAE will help move the Society toward fulfilling its vision of a better future.

Click here for complete news releases.



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Message from the Editor

Your investment in ASHRAE Research Canada will benefit the HVAC&R industry in many ways. The Chapter is still seeking donations – if you haven't already received one, expect a call from a member of the executive in the near future.

Please give now and give generously!

Allan Antcliffe, P. Eng., Airways Editor 05/06



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2005 – 2006 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). During the 5:00 pm to 6:00 pm Social Hour, a half hour "technical session" is presented on the basics of a particular subject relating to our industry. If the session sounds interesting to you, feel free to attend. These sessions are presented by our members and are open to any one wishing to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". 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 Nathan Martin (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 5:00 pm – 6:00 pm	Table Top Demonstration	Feature Speaker
April 19, 2006 (Wednesday)	Research	ASHRAE Satellite Broadcast and Webcast Sustainability and the Building Environment		
May 2, 2006	Commissioning	Wilfred Laman, P. Eng. Quiet-Aire ASHRAE Structure		Bill McCartney <u>Isotherm Engineering</u> Commissioning (Denver Symposium Paper)
June 7, 2006 (Wednesday)	Social /Research	Legends on the Niagara – Niagara Falls Annual Golf Tournament		

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ASHRAE HAMILTON CHAPTER **SCRAMBLE GOLF TOURNAMENT**

DATE: WEDNESDAY JUNE 7, 2006

LOCATION: LEGENDS ON THE NIAGARA, NIAGARA FALLS, ON

COST: \$150.00 PER PERSON

**INCLUDES: 18 HOLES AT THE SITE OF THE 2004 LPGA
ONE POWER CART PER TWO GOLFERS
SUPPER
FREE ACCESS TO DRIVING RANGE**

PLEASE COMPLETE THE FOLLOWING AND FAX OR E-MAIL TO DAVID RASMUSSEN
RESTRICTED TO THE FIRST 120 PAID GOLFERS
(REGISTER NOW TO AVOID DISAPPOINTMENT)

PLAYER 1 _____ PLAYER 2 _____

PLAYER 3 _____ PLAYER 4 _____

IF A SINGLE PLAYER, PLEASE INDICATE YOUR "NORMAL" SCORE FOR 18 HOLES:
75 - 85 86 - 96 97 - 107 108 - 118 119 OR OVER

FIRST TIME EVER – SHOTGUN START AT 1:00 P.M. SHARP

DESIGNATED CONTACT: _____

PHONE: _____ FAX: _____

E-MAIL: _____

- NEW SPONSOR – WE WOULD LIKE TO SPONSOR A HOLE @ \$125.

- PAST SPONSOR – WE WOULD LIKE TO SPONSOR A HOLE @ \$75.

- MY GROUP WILL BRING _____ GIFT CARD(S) FOR PRIZES.

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