



Airways

Hamilton Chapter No. 037

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

American Society of Heating, Refrigeration and Air Conditioning Engineers

Volume 50, No. 6

Our 50th Year

February 2009

President

Terry Fowler, P.Eng.
Phone (905) 520-8823
terry.j.fowler@jci.com

Research Chair

David Hills, A.Sc.T.
Phone (905) 572-1111
hamilton@engineeredair.com

Treasurer

William McCartney
Phone (905) 822-2430
w.mccartney
@isothermengineering.com

Secretary

Sergio Pinto
Phone (905) 540-4885
sergio@applied-energy.ca

Membership Chair

Adam Werthmiller, C.E.T.
Phone (905) 687-9778 x25
awerthmiller
@tmpniagara.com

Student Activities Chair

Brian White, B.A.Sc.
Phone (905) 572-1111
hamilton@engineeredair.com

Historian

George Menzies, P.Eng.
Phone (519) 388-1313
gmenzies@allstream.net

Social Chair

David Rasmussen, C.E.T.
Phone (905) 575-5542
drasmussen
@delhi-industries.com

C.T.T.C. / T.E.G.A. Chair

Mike Krewski
Phone (519) 885-7460
mkrewski@uniongas.com

Programs Chair

Reaz Usmanali, LEED®AP
Phone (905) 335-3325 x260
reaz.usmanali@jci.com

Homepage & Airways Editor

Allan Antcliffe, P.Eng.
Phone (519) 756-5760
allan@madok.com

DRC

Wilfred Laman, P.Eng.
Phone (905) 304-1788
wflaman@vaxxine.com

Tuesday, February 10, 2009

Ontario Power Authority High Performance New Construction Program

The Ontario Power Authority has launched a new building construction incentive program for builders and their design decision-maker (architect, consulting engineer, etc.). The High Performance New Construction (HPNC) Program provides design assistance and significant financial incentives for new construction or additions, and major renovation projects that exceed Code. The greater the electricity savings, the greater the incentives.

Feature Speaker

Ryan Shaw, BSc., MBA, Account Manager HPNC Energy Advisor (Union Gas)

Ryan graduated from St.Clair College in Windsor with a diploma in Mechanical Engineering Technology and also from Lawrence Technological University in Southfield, MI with a BSc. in Engineering Technology. He followed that up with an MBA from the Ted Rogers School of Management at Ryerson University in Toronto.

Ryan's work history includes stints with Westport Innovations (in Vancouver) developing natural gas engines and power generators, Gates (in Windsor) as a process engineer and Chromalox (in Markham) as a Sales Manager for electric heating devices. He currently works for Union Gas delivering financial incentives for energy conservation.

Royal Hamilton Yacht Club

North End of McNab, On Hamilton Harbour

5:00 pm – Social Hour

6:00 pm – Dinner

7:00 pm – Feature Speaker

Dinner/Feature Speaker

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

President's Report

Our January meeting featured Joel Primeau, our ASHRAE Region II Student Activities RVC. Joel presented "Selling Green 101; The HVAC Engineer as a Salesman" and the benefits of integrated building design to owners and operators. Thank you very much, Joel, and we look forward to your next Chapter visit.

February's meeting will return to the Royal Hamilton Yacht Club on Tuesday, February 10th. Our featured speaker will be Ryan Shaw, BSc., MBA from Union Gas. Ryan will speak to the Chapter about Ontario Power Authority's High Performance New Construction Program. Please be sure to RSVP to Wilf Laman – wflaman@vaxxine.com – to confirm your attendance.

For the March meeting, we are planning a combined Hamilton/Toronto Chapter event featuring ASHRAE Distinguished Lecturer, Dr. Thomas Lawrence. Dr. Lawrence will be presenting ASHRAE Standard 189.1 for High Performance Green Buildings. The meeting will be held on Monday, March 2nd (not our normal 2nd Tuesday) at a location (to be announced) near the border between Oakville and Mississauga.

Time slots remain open for Table Top Demonstrations during the April and May meetings. If interested, please contact Reaz Usmanali, our Chapter Programs Chair, at 905-730-9674 or by e-mail at Reaz.Usmanali@jci.com. The cost is only \$75.00 to present your technology for 15 minutes in front of the Chapter's audience.

Best Regards,

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

IAQ Satellite Broadcast/Webcast April 22, 2009

On Wednesday, April 22, 2009, ASHRAE's Chapter Technology Transfer Committee [CTTC] will present a satellite broadcast and simultaneous webcast on "**Clean, Lean and Green – IAQ for Sustainable Buildings.**"

ASHRAE News Releases

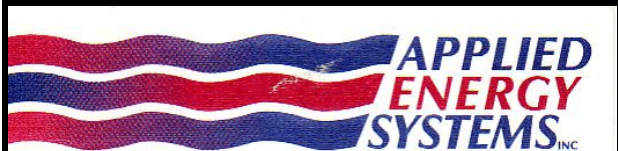
ASHRAE's 2009 Satellite Broadcast Focuses on IAQ for Sustainable Buildings

ATLANTA – What's lean and green and clean all over? Your next sustainable building project and its indoor air quality, thanks to ASHRAE's upcoming satellite broadcast. The program, "Clean, Lean and Green – IAQ for Sustainable Buildings," will take place on April 22 from 1 to 4 p.m. EDT.

ASHRAE 2008 BACnet Published

ATLANTA – Guidance to reduce a building's energy consumption on demand is contained in ASHRAE's newly published BACnet standard.

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



**APPLIED
ENERGY
SYSTEMS INC.**

Sergio Pinto

HEAD OFFICE 185 SNOW BLVD., STE. 200 CONCORD, ONTARIO L4K 4N9 TEL: (905) 660-4885 FAX: (905) 660-1466	HAMILTON OFFICE 122 BURTON STREET HAMILTON, ONTARIO L8L 3R5 TEL: (905) 540-4885 FAX: (905) 540-9985
---	---

e-mail: sergio@applied-energy.ca

Click on ad to go to web site.



AQUATECH

Phone (905) 631-5815 / Fax (905) 637-8655
www.aquatech.ws



Your Source for High Quality Engineered Products



Lochinvar
High Efficiency Water Heaters And Boilers



**WEIL-McLAIN
CANADA**



WILSON & COUSINS
INTERIOR FIRE PROTECTION



**ZURN INDUSTRIES
LIMITED**

This space could be yours!

**Business Card Ad
\$75.00 for One Year**

If you are interested, contact Allan Antcliffe
allan@madok.com

This space could be yours!

**Double Sized Ad
Business or Product Advertising
\$150.00 for One Year**

***Changes can be made in any issue for an
additional "setup" charge of \$15.00***

***Sponsors must supply
a single jpeg file of their ad.***

If you are interested, contact Allan Antcliffe
allan@madok.com

***Want to invite a special guest to an
ASHRAE Hamilton Chapter meeting?***

**"Gold Cards" are available at a cost of \$150.00
for a package of 4 cards.
Equivalent to a "Guest" registration.**

If interested, contact an executive member.

Airways – ASHRAE Hamilton Chapter – 2008/2009 Sponsors

12, 100 Lancing Drive
Hamilton, ON L8W 3A1

EngA
ENGINEERED AIR

Bus: (905) 572-1111
Fax: (905) 572-1115
Toll Free: (877) 448-3757

hamilton@engineeredair.com

DAVID HILLS, A.Sc.T.
Hamilton Sales

Click on ad to go to web site.



Wm. J. McCartney

ISOTHERM ENGINEERING LTD.
Founded in 1975
2133 Royal Windsor Drive, Unit # 37
Mississauga, Ontario L5J 1K5
Phone: 905-822-2430 • Fax: 905-822-5182 • Toll Free: 1-800-394-2954
Email: w.mccartney@isothermengineering.com

Click on ad to go to web site.

Johnson Controls

Frank E. Olds
HVAC Systems Branch Manager; SW Ontario
Building Efficiency

3070 Mainway Drive, Unit 10 & 11, Burlington, ON L7M 3X1 Canada
Direct 905 335 3325 Ext. 231 Tel 800 263 6226
Fax 905 335 9960 frank.e.olds@jci.com

Printed on material from well-managed forests and post-consumer fiber; manufactured chlorine-free.

Click on ad to go to web site.

Johnson Controls

Terry J. Fowler P.Eng.
Account Executive, Johnson Controls L.P.
Building Efficiency

3070 Mainway Drive, Unit 10 & 11, Burlington, ON L7M 3X1 Canada
Tel 905 335 3325 Ext. 241 Cellular 905 520 8823
Fax 905 335 9960 terry.j.fowler@jci.com
www.johnsoncontrols.com

Printed on material from well-managed forests and post-consumer fiber; manufactured chlorine-free.

Click on ad to go to web site.

J. Allan Antcliffe P. Eng
President

50 Morrell Street,
Brantford, ON N3T 4J5
(519) 756-5760
(519) 756-5768 FAX
allan@madok.com
www.madok.com

Madok
MANUFACTURING LIMITED
Heating/Cooling Coils & Corrosion Protection

Click on ad to go to web site.

O'DELL ASSOCIATES INC.

Jack Fitzmaurice, P. Eng.
jack@odellassoc.com

Tel (905) 681-3901
Fax (905) 681-0688
Cell (905) 546-6600

1038 Cooke Blvd., Unit #3
Burlington, ON L7T 4A8
www.odellassoc.com

Click on ad to go to web site.

TMP
NIAGARA Consulting Engineers

The Mitchell Partnership Inc.

26 Hiscott St., Suite 104
St. Catharines, Ontario
Canada L2R 1C6
Tel (905) 687-9778 x21
Fax (905) 687-8147
Cell (416) 809-6250
50 Years of Experience

Donald E. Cruikshank
B.A.Sc., P. Eng. MCIBSE, C. Eng.
Managing Partner
LEED™ Accredited Professional
E-mail: don.cruikshank@tmptoronto.com
www.tmpniagara.com

Click on ad to go to web site.

uniongas

John Loncar P.Eng, MBA, CEM
Account Manager
Commercial/Industrial Markets

Union Gas Limited
P.O. Box 340
603 Kumpf Drive
Waterloo, ON
N2J 4A4

office 519 885 7450
fax 519 885 7540
cell 519 635 6199
toll free 888 436 7204 ext 450
jloncar@uniongas.com

A Spectra Energy Company

Click on ad to go to web site.

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
February 10, 2009	Student Membership	none	Ryan Shaw, BSc., MBA <u>Account Manager (Union Gas)</u> Ontario Power Authority High Performance New Construction Program
March 2, 2009 (Not 2nd Tuesday)	Integrated Building Design	The New (Proposed) ASHRAE Standard 189.1 for High Performance Green Buildings	Thomas Lawrence, Ph.D., P.E., LEED-AP <u>ASHRAE Distinguished Lecturer</u> Integrated Building Design
April 14, 2009	Refrigeration	none	LEED Building Tour & Presentation Location to be determined
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 2nd Tuesday)	Social/ Research	Peninsula Lakes (near Fonthill, ON) Annual Golf Tournament	

Homepage & Airways Editor:

Allan Antcliffe, P. Eng.
Madok Manufacturing Limited
50 Morrell Street, Brantford, ON N3T 4J5
Phone: (519) 756-5760
Fax: (519) 756-5768
E-mail: allan@madok.com

Hamilton Chapter Mailing Address:

ASHRAE Hamilton Chapter
59 Abbey Close
Ancaster, ON L9G 4K8

ASHRAE Hamilton Chapter

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