



Airways

Hamilton Chapter No. 037

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American Society of Heating, Refrigeration and Air Conditioning Engineers

Volume 50, No. 5

Our 50th Year

January 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
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, January 13, 2009

Selling Green 101 **The HVAC Engineer as a Salesman**

Selling green building design is not an easy task. Owners, contractors, architects and engineers can come up with many objections to green designs. Mr. Primeau's presentation will cover the basics of "selling green" and will show how Integrated Building Design will truly benefit both the owner and the operator.

Feature Speaker

Joel Primeau, Director of Sustainable Design **Genivar**

Joel Primeau is Director of Sustainable Design for GENIVAR. Based in Ottawa, he leads the efforts of his firm in the design of high performance, sustainable buildings. He graduated in mechanical engineering from the Royal Military College in Kingston and, after a brief career as an army engineer (in Winnipeg and Quebec City), he has worked for over 15 years in the HVAC industry in consulting, facilities management and technical sales. Joel is a Past-President of the Ottawa Valley ASHRAE Chapter and is currently the Regional Vice-Chair for Student Activities for Region II.

Joel's technical expertise has centered on energy efficiency and indoor air quality. Recently, he gravitated to the world of sustainability, LEED and Integrated Building Design. Joel was among the very first engineers to obtain ASHRAE's new High-performance Building Design Professional (HBDP) designation. He's currently working on an ASHRAE short course on Integrated Building Design.

For directions to the Grand Valley Golf Club, click on this link:
<http://www.grandvalleygolf.ca/contact.html>

Grand Valley Golf Club

1910 Roseville Road, Cambridge, ON N1R 5S3
Tel: 519-623-8811

5:00 pm – Social Hour/Cash Bar

6:10 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

Our December meeting, featuring Suzy Podrebarac of Colio Estate Wines, was held at the Purple Pear restaurant in Hamilton. Attendees enjoyed a wonderful night of good food and wine pairing. Thanks go out to George Menzies and Suzy for their time and effort in organizing this event and we wish them Happy Holidays.

January's meeting will feature ASHRAE Region II Student Activities RVC, **Joel Primeau**, from Genivar. Joel will be presenting "**Integrated Building Design**". Please be sure to RSVP to Wilf Laman – wflaman@vaxxine.com to confirm your attendance.

In February, we are planning a tour of a LEED certified building [location TBD] and the March meeting will feature distinguished lecturer, **Dr. Thomas Lawrence**. He will be talking to us about ASHRAE Standard 189.1 for High Performance Green Buildings.

Time slots remain open for Technical Sessions/Table Top Demonstrations for February through May. Please contact our Chapter Programs Chair Reaz Usmanali [905-730-9674 or reaz.usmanali@jci.com] if you are interested in participating. 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.**"

From the Editor

On behalf of the ASHRAE Hamilton Chapter Executive, I would like to extend Season's Greetings to all Chapter members and their families and to wish everyone a safe and prosperous New Year.

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

December Meeting Thoughts

After enjoying a splendid evening at the Purple Pear restaurant for the Chapter Christmas party, I would like to share a few items of interest that I learned at the wine and food pairing event.

Although Suzy Podrebarac went over some items that we were all familiar with, there were a few new subjects that I found most interesting.

Colio Estate Wines produce a variety of grades of wine with a similar name. For example, there is a house Merlot called Colio Merlot, then a step up from that is a premium merlot, then a Colio Estates Merlot and an ultra premium merlot by the name of Colio Estate Vineyard Merlot also known as CEV Merlot. Plus Colio also produces a vintage Merlot called Colio Estate Vineyards Signature Merlot.

This was enlightening to me as I now better understand the price differential, the higher grades of wine cost more. The house Merlot would be produced from domestic and imported grapes often referred to at the LCBO as Cellared in Ontario. The next grade is Colio Estates Merlot, a VQA Merlot which means that all the grapes are from Ontario and meet a level of standard outlined by VQA of Canada. The CEV Merlot is VQA, made of premium grapes, usually produced in the estate's own vineyard and are usually carefully hand picked to ensure only the best grapes are picked. The wine would be aged in premium oak barrels from either French or American Oak. Note! French Oak results in a softer flavour compared to the American Oak and is a bit more expensive. Finally the "Signature Merlot" would be produced from hand picked grapes that have been pruned on the vine to only produce a smaller crop to get a more concentrated flavour and once again aged at least 10 - 12 months in American and French Oak. The Signature wines would have a more complex nose and flavour.

*Submitted by George Menzies, P. Eng.
Chapter Historian 08/09*

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12, 100 Lancing Drive
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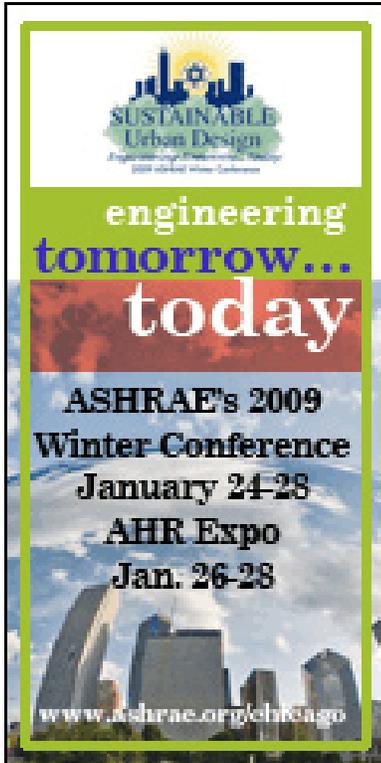
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ASHRAE Returns to Chicago for Winter Conference and AHR EXPO

Chicago, with one of the most recognizable skylines in



the United States, has long-standing status as a livable urban center. That the city has stood the test of time makes it the perfect backdrop for this year's ASHRAE Winter Conference theme: *Sustainable Urban Design: Engineering Tomorrow... Today.*

The Palmer House Hilton will once again host ASHRAE January 24 – 28, with the ASHRAE co-sponsored AHR Expo taking place Jan. 26-28 at McCormick Place. The conference

promises to be a great way to kick off the new year, with opportunities to interact with colleagues, learn technical information, and hear Keynote Speaker Chris Luebke of Arup speak on sustainability and thoughtful design and Technical Plenary speaker Adrian Bejan, Ph.D., explain technical evolution through “constructal theory” which he says can predict how everything flows through time and space.

The technical program highlights the conference theme and will feature presentations on energy conservation, indoor environmental quality, sustainability efforts and more that will help you earn your PDHs. Seeking to create additional value for Expo and Conference attendees, ASHRAE is launching “Wednesday Welcome,” at which all ASHRAE technical program sessions on Jan. 28 take place at McCormick Place. The “Wednesday Welcome” includes 18 hands-on, applications-type programs, held from 9 a.m. to 1:30 p.m., leaving the afternoon open to tour the Expo with more than 1,850 exhibits covering a world of equipment, systems, components and technology for the building industry. Admission to the “Wednesday Welcome” is included with your full ASHRAE Winter Conference registration or you can purchase a ticket for the full day

for \$99.

You can also earn PDHs and CEUs at Professional Development Seminars and Short Courses brought to you by the ASHRAE Learning Institute.

Networking opportunities and chances to see Chicago are plentiful at the ASHRAE Winter Conference. Meet with old friends at the Welcome Party, Presidents Luncheon and Member’s Night Out. Technical tours of the city take you to the Intercontinental Hotel and The Art Institute of Chicago and you can see mansions and temples of the city, or take a cooking class on one of the general tours.

For complete, updated information and to register for the ASHRAE Winter Conference, go online to www.ashrae.org/chicago. Visit www.ahrexpo.com to learn more about the AHR EXPO.

ASHRAE News Releases

ASHRAE College of Fellows Celebrates 10th Anniversary

ATLANTA – Founded to enhance the Society's technical image internally and in the community at large, ASHRAE College of Fellows is celebrating its 10th anniversary.

ASHRAE Hosts Conference on Net-Zero Buildings

ATLANTA – To help drive the building industry toward market-viable net-zero-energy buildings, ASHRAE is hosting a specialty conference on the topic in March in San Francisco.

**Click to go to 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
January 13, 2009	Student Membership	none	Joel Primeau <u>Genivar</u> Integrated Building Design
February 10, 2009		none	<u>LEED Building Tour</u> Location to be determined
March 3, 2009 (Not 2nd Tuesday)	Integrated Building Design	none	Thomas Lawrence, Ph.D., P.E., LEED-AP <u>ASHRAE Distinguished Lecturer</u> Integrated Building Design
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 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/>