



# Airways

**Hamilton Chapter No. 037**

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

*American Society of Heating, Refrigeration and Air Conditioning Engineers*

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*Our 46th Year*

March 2005

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Tuesday, March 8, 2005

## ***Hospital Isolation Rooms***

Due to some confusion about our meeting dates, our anticipated speaker for this month's meeting is unavailable and may, instead, present at our April 12th meeting. As I write this, an alternative program is actively being investigated.

Hence the delay in issuing the Airways bulletin — please accept my apologies.

*Allan Antcliffe, P. Eng., Airways Editor 04/05*

## ***Technical Session***

### **BACnet**

Duffy O'Craven  
Quinda Inc.

The technical session this month will discuss **BACnet - A Data Communication Protocol for Building Automation and Control Networks**. Developed under the auspices of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), BACnet is an American national standard, a European pre-standard and an ISO global standard.

Our speaker this evening will be Duffy O'Craven from Quinda Inc. As a self employed software consultant, Duffy has contracts with various BACnet manufacturers providing software development and project management. Duffy has been involved with BACnet development for just over five years, most recently very involved in the BACnet XML working group and the BACnet Testling Laboratories working group. His area of expertise is software development, focusing on application.

***Royal Hamilton Yacht Club  
North End of McNab, On Hamilton Harbour***

5:00 pm – Social Hour & Technical Session  
6:00 pm – Dinner & Business Meeting  
7:00 pm – Feature Speaker

**Technical Session/Dinner/Feature Speaker**

*Chapter Members - \$30.00 • Guests - \$40.00 • Students - \$15.00 • Meal Plan - \$135.00*

**Technical Session and/or Feature Speaker (without Dinner)**

*\$15.00*





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*Manufacturer of Custom and  
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## President's Report & February Recap

The February meeting was a very informative night.

Joseph Cosentino and Jerry Topolski of Goodmans LLP put together an excellent presentation which was an overview of the Construction Lien Act


They provided a copy of the presentation which allowed us to follow along and review the examples that they were using. It also included a copy of the Act.

There were timely questions from the audience and much discussion since this Act affects every level of player in the construction industry, from the Architect to smallest supplier ... remember it's your money that you put there, for others to use, until you get paid back!

Society President, Ron Vallort is planning to attend our Golf Day in June. Read the information about this event in the Airways and sign up quick to avoid disappointment.

Due to a prior commitment to stick my face in the sun, I will miss the March meeting but, thankfully, Nathan has volunteered once again.

*Bill McCartney, President 04/05*



**J. Allan Antcliffe P. Eng**  
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## ASHRAE Hamilton Chapter Golf Tournament

I'm sure you've all heard by now that this year's annual Golf Tournament will be held at the Legends on Niagara – Battlefield course in Niagara Falls. I encourage you to visit their website at [www.niagaralegends.com](http://www.niagaralegends.com) to truly appreciate what a spectacular course this is.

This year will mark the first year we will have a shot-gun start – beginning at 1:00 p.m., meaning that everyone will finish at approximately the same time. There has been an overwhelming interest so far. The only way to secure your spot is with your cheque by May 18, 2005. No exceptions.

This is an exceptional golf course and I have continued to strive to keep our prices constant at \$150 per person. You will note that one of last year's perks of having lunch included has been dropped this year because of the 1:00 p.m. tee-off time. Door prizes are gratefully appreciated from any company or individual willing to donate. If your company is in a position to sponsor a hole, I would be most grateful and will acknowledge with a sign at the T box. See the details on the attached entry form.

As always, our Reverse Draw will be held immediately after Supper.

*David Rasmussen, Social Chair 04/05*



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## **ASHRAE Honours Guelph Engineer as New Fellow**

ORLANDO – The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) elevated **Glenn D. Schuyler, P. Eng.** to the grade of Fellow at the Society's 2005 Winter Meeting held here Feb. 5–9.

Fellow ASHRAE is a membership grade that recognizes distinction in the arts and sciences of environmental technology and is earned through achievement as a researcher, designer, educator or engineering executive. Approximately 500 of ASHRAE's 55,000 members are Fellows.

Glenn Schuyler is vice president, Rowan Williams Davies and Irwin Inc., Guelph, Ontario, Canada.

His most significant contribution to the industry has been the solution of building engineering problems. He designed and supervised construction of a wind tunnel to measure environmental effects on buildings, including wind pressures, natural flows, exhaust dispersion and pedestrian comfort. The tunnel has been used to study more buildings than any other commercial laboratory in North America. It was used to conduct

exhaust dispersion and cladding wind load studies for the Memorial Sloan-Kettering Cancer Center Research Building in New York.

He also has helped develop air quality services, focusing on re-entrainment of exhaust gases back into buildings. For the Alaska Sealife Center, he recommended measures to reduce potential air quality impacts on fresh air intakes, main entry, outdoor aviary and marine life observation tank areas from the building's boilers, emergency standby generators and labs.

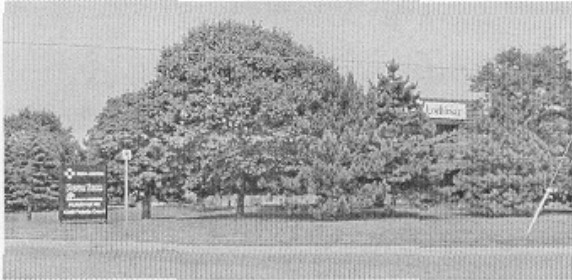
ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.

The above release was received from the Society. On behalf of all ASHRAE Hamilton Chapter members, I would like to congratulate Glenn on this achievement.

*Allan Antcliffe, P. Eng., Airways Editor 04/05*




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## 2004 – 2005 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.

<b>ASHRAE Hamilton Chapter Program Activity</b>				
<b>Date</b>	<b>Theme</b>	<b>Technical Session 5:00 pm – 6:00 pm</b>	<b>Table Top Demonstration</b>	<b>Feature Speaker</b>
March 8, 2005	Design	Duffy O'Craven <u>Quinda Inc.</u> <b>BACNet</b>		<b>Hospital Isolation Rooms</b>
April 12, 2005	Refrigeration	Bill McCartney <u>Isotherm Engineering</u> <b>Ontario Regulation 189/94</b>		To Be Determined
May 4, 2005 (Wednesday)	Students	<b>Tour of Toyota Motor Manufacturing Canada (Cambridge facility)</b> Tour at 12:30 p.m. followed by lunch at Moose Winooski's (Sportsworld Dr., Kitchener)		
June 8, 2005 (Wednesday)	Social	<b>Annual Golf Tournament</b> <u>New Location - Legends on Niagara (Battlefield) - Niagara Falls</u>		
September 13, 2005		To Be Determined		

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# ASHRAE HAMILTON CHAPTER GOLF TOURNAMENT

**DATE:** WEDNESDAY JUNE 8, 2005

**LOCATION:** LEGENDS ON 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  
(CHEQUES MUST BE RECEIVED BY MAY 18<sup>TH</sup>)

PLAYER 1 \_\_\_\_\_ PLAYER 2 \_\_\_\_\_

PLAYER 3 \_\_\_\_\_ PLAYER 4 \_\_\_\_\_

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 \_\_\_\_ DOOR PRIZE(S).

**PLEASE SEND YOUR CHEQUE IN ADVANCE TO:**

David Rasmussen  
Delhi Industries Inc.  
8-1300 Upper Ottawa Street,  
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**PHONE OR FAX: (905) 575-5542**

**E MAIL: [drasmussen@delhi-industries.com](mailto:drasmussen@delhi-industries.com)**

**Make cheques payable to:  
ASHRAE Hamilton Chapter**