



Airways

Hamilton Chapter No. 037

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American Society of Heating, Refrigeration and Air Conditioning Engineers

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Our 48th Year

December 2006

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Saturday, December 9, 2006

Family Christmas Event

Lunch and Tour of Dundurn Castle
2:00 p.m.

One of Hamilton's most-recognized landmarks, Dundurn Castle is a National Historic site that illustrates the life and times of Sir Allan Napier MacNab (1798 - 1862).

Dundurn Castle was constructed over a three-year period, and completed by 1835. Designed by a young English Architect, Robert Wetherall, Dundurn was built around the brick shell of Colonel Richard Beasley's colonial home. Designed as a fashionable Regency style villa, Dundurn (Gaelic for "strong fort") was nicknamed "Castle" by the citizens of Hamilton. The Castle, with its gardens, grounds and many unusual outbuildings, was one of the finest estates in the province.

Today, Dundurn Castle has been restored to the year 1855 when MacNab was at the height of his career as a lawyer, landowner, railway magnate and Premier of the United Canadas (1845-56). Over forty rooms, above and below stairs, have been furnished to compare the life of a prominent Victorian family with that of their servants. Costumed staff guide visitors through the home, illustrating daily life from the 1850s.

MacNab, born in Niagara-on-the-Lake, came to Hamilton from York in 1826 to begin his career as a lawyer. Having lost his first wife Elizabeth Brookes that same year, he raised his two children Robert and Anne Jane as a widower. In 1831, MacNab married Mary Stuart and had two more children, Sophia and Minnie. During the construction of Dundurn, his son Robert was killed in a hunting accident. MacNab was an important figure in the pre-Confederation history of Canada. He was declared a "Boy Hero" for his role in the War of 1812. Following his support of the royalist cause in the Upper Canada Rebellion of 1837, Queen Victoria knighted MacNab. Sir Allan MacNab left his mark on the growing town of Hamilton by helping to establish the railway, the first bank and representing the area for thirty years in Parliament.

Dundurn Castle
610 York Blvd., Hamilton, ON

See map on Page 5

2:00 pm – Lunch
Following lunch – Tour of Castle

Chapter Members and Guests - \$35.00

Cost for children will pay less but, at time of writing, not yet finalized



President's Report

November's meeting was a special event where the Hamilton Chapter hosted Distinguished Lecturer Carl Lawson. Carl spoke about "Operation and Maintenance of HVAC Systems for Improved Comfort and Indoor Air Quality." The feedback after the presentation was extremely positive from the members in attendance. I feel that many of us, regardless of our current field of the HVAC business, walked away that night with an extra insight to just how important Commissioning is to every project, new or retrofit.

Our December meeting is our annual Christmas event where we have decided to have a luncheon and tour of Dundurn Castle in Hamilton, on December 9th, 2006. Please plan on attending this event, and as always for the Christmas event, family attendance is more than encouraged. It gives us all an opportunity to meet each other's families while enjoying the fellowship of the season. Please forward your RSVP to Wilf Laman via fax at (905) 673-0567, or by email at: wlanan@quiet-aire.com, so we can arrange for placement of the meals.

Please refer to the map in this month's airways for directions. The regular monthly technical meetings will commence again on the first Tuesday of the Month, starting January 2nd 2007.

Just a reminder that Winter meeting in Dallas, Texas is coming up quickly. It takes place from January 27th through to the 31st, 2007. Please seriously considering attending, as there if everything HVAC related there from the huge EXPO to seminars and symposiums, not to mention all sorts of Society activities and tours taking place in the Dallas area. More information is available at www.ashrae.org, or simply drop me a line, as I will be there with the Membership Promotion Chairperson - Adam Werthmiller.

ASHRAE's focus for the next many years to come, is on Green Technology and Leed Design. The Winter meeting is full of seminars and courses on Sustainability, should you require more in-depth knowledge of this extremely fast growing area of the industry.


On a final note, ASHRAE Society has been emailing the monthly magazine "Journal" to all members. If you have not been receiving this email regularly, then please let me know so that I can ensure that you receive it electronically. Perhaps you've changed you're email recently and haven't updated you personal information with ASHRAE. You should already be receiving a hard-copy in the mail.

The Hamilton Chapter would like to wish everyone a safe and wonderful holiday season, and a Happy New Year.

Warmest Regards,

David Hills, A.Sc.T., President 06/07



 Wm. J. McCartney

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Upcoming Chapter Meetings

Tuesday, January 2/07

Theme: Sustainability

Technical Session - **Frank Bailey** [TSSA] will discuss the latest changes to the **Gas Code**.

Feature Speaker - **Art Stokman** [Guelph Hydro] will speak on the topic of the **City of Guelph - A Plan for Sustainability**.

Tuesday, February 6, 2007

Theme: T.E.G.A.

Technical Session - **Daniel Young, M. Eng., P. Eng.** [Ontario Society for Professional Engineers] will update members on **Bill 124**.

Feature Speaker - **Mike Seiling** [City of Kitchener] will discuss changes to the 2006 Ontario Building Code.

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Upcoming Events of Interest

ASHRAE Winter Meeting

(including AHR Expo)

Jan. 29 – Jan. 31, 2007

Dallas, TX

www.ashrae.org

(click on Meetings & Events)

Free Show Registrations – complimentary passes to the AHR Expo – are available to ASHRAE Hamilton Chapter Members planning to attend. If you are interested, please speak to Dave Hills.



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New Chapter Member

Ioana Botezan, B. Eng. – Ioana (Joanna) graduated from the University of Construction Bucharest with a Masters in Engineering. After graduating, Ioana worked as a junior design engineer at The Consulting Engineering Institute for Textile Industry in Bucharest, Romania.

In 1990, Ioana joined Carrier International in Morocco where she worked for 5 years as a mechanical design engineer specializing in design build projects. After moving to Canada in 1995, Ioana worked for Millenium, Group 8 and Stantec Engineering. She is currently working as a designer for TMP Niagara in St. Catharines.

Welcome to the ASHRAE Hamilton Chapter!

Terry J. Fowler, P.Eng.
Account Representative

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Historical Bio Robert (Bob) E. Shock

Bob was born in Kitchener in 1925 and attended King Edward public school and K.C.I. He then served in WW II with the Fleet Air Arm of the Royal Navy. Upon being discharged he went to Queen's University graduating in 1948 with a Bachelor of Science degree in Mechanical Engineering. He immediately went to work for the Canadian Blower and Forge Company Ltd. in Kitchener as an engineer in training.



In 1952 Bob went to the CB&F Sales office in Toronto. He then joined ASHRAE Toronto Chapter and also served on their Board of Governors. In 1966 he was transferred to the New York City Sales office of CB&F's parent company Buffalo Forge of Buffalo, New York. While in New York Bob sold all the air handling equipment for the famous Twin Towers in New York City.

In 1971 Bob once again was transferred. This time to Buffalo Forge head office in Buffalo as the Sales Manager of the Fan and the AHU division. While in Buffalo Bob became active in the Air Movement and Control Association in Arlington Heights, Illinois.

Eventually Bob severed AMCA as President.

In 1979 Bob returned to his home town Kitchener, Ontario and became President of Sheldons Engineering in Cambridge, Ontario. Sheldons at the time had manufacturing facilities in Cambridge, Edmonton and Elgin (Illinois).

In 1982 Bob returned to Canadian Blower as Vice President Sales to the time he retired on December 31, 1990.

Bob married Mary his wife in 1951 and they had two children, Robert Jr. and Cynthia-Marie. Mary passed away and Bob married his present wife Barbara Mary Bulmer on October 27, 2001.

Submitted by Wilfred Laman, P. Eng., DRC

ASHRAE News Releases

Become Part of the Green Team: New Guidance from ASHRAE

ATLANTA – Looking to become a more effective player on the green team.

ASHRAE Greenguide: The Design, Construction and Operation of Sustainable Buildings will help teach designers how to participate effectively on design teams charged with producing green buildings.

ASHRAE, Canada Green Building Council Partner to Advance Sustainability

ATLANTA – ASHRAE and the Canada Green Building Council (CaGBC) will work together to advance buildings that are healthy, productive, environmentally responsible and economically viable.

Learn to Meet, Beat 90.1 Requirements with New eLearning Course

ATLANTA – Guidance to help users design buildings that are in compliance with ASHRAE's energy efficient standard is available through a new online learning course.

Focus on Small Retail ASHRAE Releases Next Advanced Energy Design Guide

ATLANTA – Buildings designers are one step closer to a net-zero energy building.

Published by ASHRAE, the Advanced Energy Design Guide for Small Retail Buildings is the second in a

series of publications that cover various types of building construction. Intended for use by builders, contractors and architects, the guide covers energy-efficient design for retail buildings up to 20,000 square feet.

ASHRAE '07 in Dallas
ASHRAE Winter Meeting Centers on Energy Efficiency

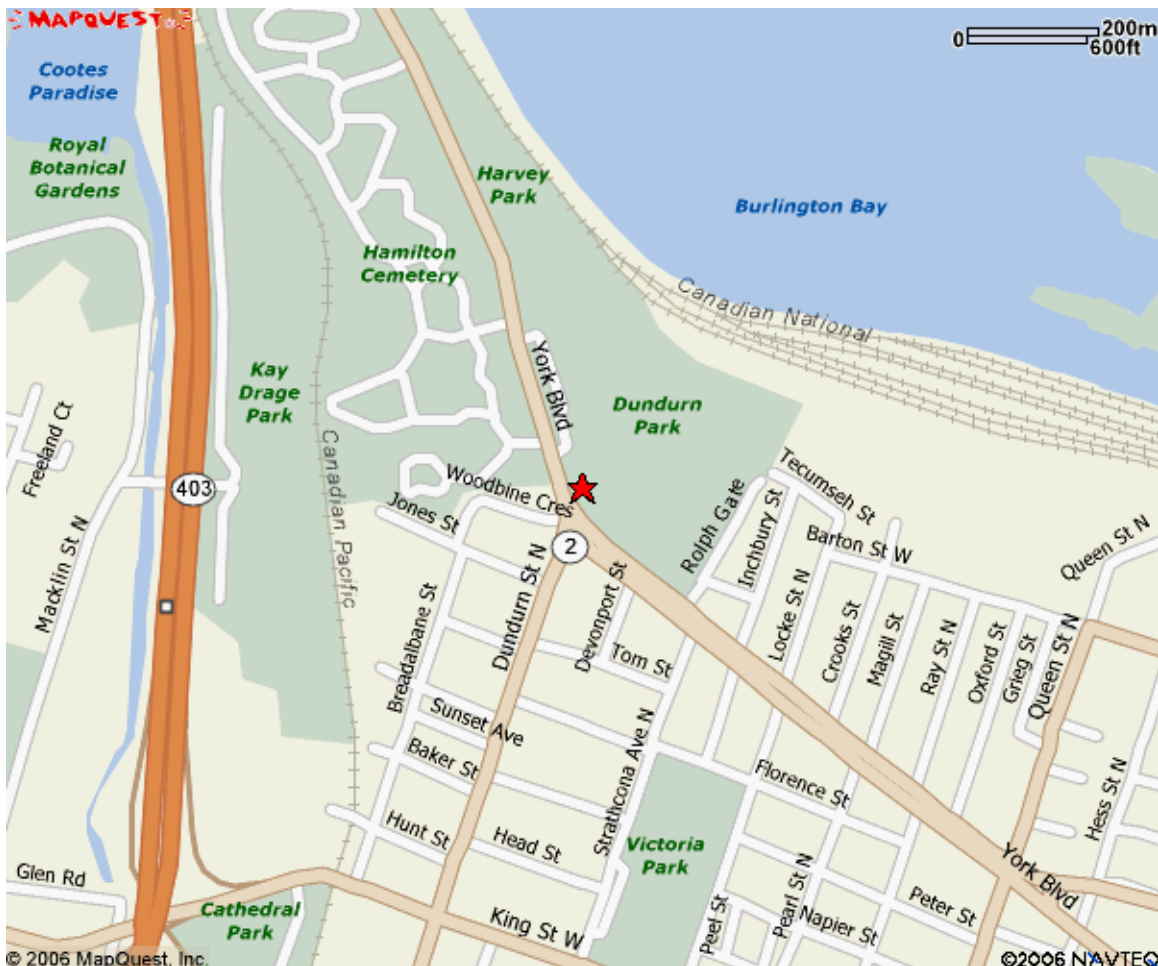
ATLANTA – ASHRAE will be showing off its technical expertise at the 2007 AHR Expo in January. For the first time, 16 technical sessions will be held at the AHR Expo during the 2007 ASHRAE Winter Meeting in Dallas. Designed to share ASHRAE's technical guidance with Expo attendees, the sessions include topics such as vibration control, energy-efficient ventilation systems, using ground-source heat pumps in schools and new BACnet capabilities.

Click here for complete news releases.

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2006 – 2007 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
December 9, 2006 (not 1st Tuesday)	Social	Family Christmas Event — Dundurn Castle, Hamilton Christmas Lunch & Tour		
January 2, 2007	Sustainability	Frank Bailey TSSA Changes to Gas Codes		Art Stokman Guelph Hydro City of Guelph – A Plan for Sustainability
February 6, 2007	T.E.G.A.	Daniel Young, M. Eng, P. Eng. (OSPE) Ontario Society of Professional Engineers Bill 124 – Update		Mike Seiling City of Kitchener Changes to the 2006 OBC
March 6, 2007	Membership	George Menzies, P. Eng. ASHRAE Hamilton Chapter Historian TC65.08 – Industrial Ventilation		Florin Plavosin, P. Eng. Enerworks Inc. Solar Heat Exchanger for Hot Water Applications
April 18, 2007 (not 1st Tuesday)	IAQ	Satellite Broadcast – Indoor Air Quality Crossroads – Burlington, ON		
May 1, 2007	Membership Special	The Chapter is working on organizing a special event. Topic: Legionella		
June 6, 2007 (not 1st Tuesday)	Social /Research	Legends on the Niagara — Ussher's Creek Course Annual Golf Tournament		

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