



American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
British Columbia Chapter Region XI

President's Message

Our first B.C. Chapter meeting of 2009 was held on January 14th at UBC Robson Square. The meeting was our annual Past Presidents event, and I am pleased to report that we had 18 Past BC Chapter Presidents in attendance. The terms of office represented by the Past Presidents at the meeting spanned 5 decades, beginning with **Dick Perry**, who was Chapter President in 1965, and also ASHRAE Society President in 1982.

During the January meeting, I specifically thanked our Past Presidents for their on-going contributions to ASHRAE at the Chapter, Regional and Society Levels. We are very lucky to have many Past Presidents still involved with this year's Board of Governors, including **Rob Flipse** (President, 1998) as our Honours & Awards Chair; **Godfrey Nash** (President, 1995) as Student Activities Chair; **Eric Bradley** (President, 2001) as Governor & Chair of the Nominating Committee; **Peter Horwood** (President, 2004) as Chapter Historian; **Norm Grusnick** (President, 2003) as Golf Tournament Chair; and **Wayne Borrowman** (President, 2007) as Research Promotion Chair.

As a Chapter, we are very fortunate to have the "institutional memory" provided by these Past President's, and we are able to draw on their wealth of experience on all matters related to ASHRAE.

As I now personally move into the second half of my tenure as current Chapter President, I am excited about our upcoming meetings. The February 11th tour of the Olympic Speed Skating Oval, and the Dinner at the Marriott Vancouver Airport Hotel, will undoubtedly be a highlight of the year. I am also really looking forward to our March 11th meeting. For those of you who have not yet had an opportunity of hearing Ray Cole speak, he is always entertaining, thought provoking and at the forefront of issues pertinent to our industry. Ray is a Professor and Director of the University of British Columbia School of Architecture and Landscape Architecture, where he has been teaching environmental issues in building design for the past thirty years.

We round out the year with two other interesting meetings. We will have presentation of the BCIT Student Projects on April 13th (you will have a great chance to meet prospective new employees during the BCIT Student project night); and we will finish our technical program on May 13th with the topic of water source heat pumps.

Our last event of my ASHRAE B.C. Presidential year will be the ASHRAE Golf Tournament, which will be at Westwood Plateau on May 20th. This event sells out each year, largely through the efforts of our Tournament Chair, Norm Grusnick. Thanks, Norm!

Chris Collett
ASHRAE BC Chapter President 2008-2009



February 2009

February Meeting Notice

Location:

Olympic Speed Skating Oval.
Dinner before Tour at
Vancouver Airport Marriott

Guest Speaker:

Jerry Radu
Sterling Engineering, Calgary

Topic

Tour of the Olympic Speed
Skating Oval

Date

February 11th, 2009

Time:

Check in 5:00 PM
Dinner 5:30 PM
Tour 7:00 PM

Cost

BC Chapter Member \$45
Society Member \$50
Non-Member (Guests) \$50
Student Members \$10

Reservations are a must

Email:

jmiguelt@toromont.com
Fax: 604-525-1964
Ph: 604-525-8899



Up Coming Events

February 11th, 2009

Tour of Olympic Speed Skating Oval

Sign in 5:00 pm

Dinner at 5:30 pm

Tour 7 p.m.

Dinner will be held at

**Vancouver Airport Marriott
7571 Westminster Highway, Richmond**

2008—2009 ASHRAE BC Chapter, Meetings Schedule

September 10, 2008	Green Roof—Membership Night (Speaker: Maureen Connolly, BCIT) Tour of the BCIT Centre after Dinner @ Italian Cultural Centre
October 8, 2008	Variable Refrigerant Flow—Refrigeration Night (Speaker: Julian de Bullett, McQuay International ASHRAE Distinguished Lecturer) Italian Cultural Centre
November 12, 2008	The Road to Carbon Neutrality – Membership Promotion Night Italian Cultural Centre (Speaker: Jennifer Sanguinetti, Stantec)
January 14, 2009	Air Filtration in HVAC & MERV Ratings—Past Presidents Lunch Vancouver Robson Square—Lunch Meeting (Speaker: Graham Crompton)
February 11, 2009	Tour of the Olympic Speed Skating Oval—Refrigeration Night Marriott Airport Hotel, Richmond
March 11, 2009	Beyond Green: New Context, New Expectations Italian Cultural Centre (Speaker: Ray Cole, UBC) Research Promotion Night
April 15, 2009	BCIT Student Presentations & Job-Fair—Student Night Moderator: Joe Cheung, BCIT Italian Cultural Centre
May 13, 2009	Water Source Heat Pump Technology— CRC Chapter Award Night Swearing in of New Chapter Board of Governors Italian Cultural Centre (Speaker: To be Announced)
May 20, 2009	Golf Tournament—Westwood Plateau

Note: Meetings dates and Speakers sometimes change. Please read the meeting notice that



THE ROADMAP TO CARBON NEUTRALITY

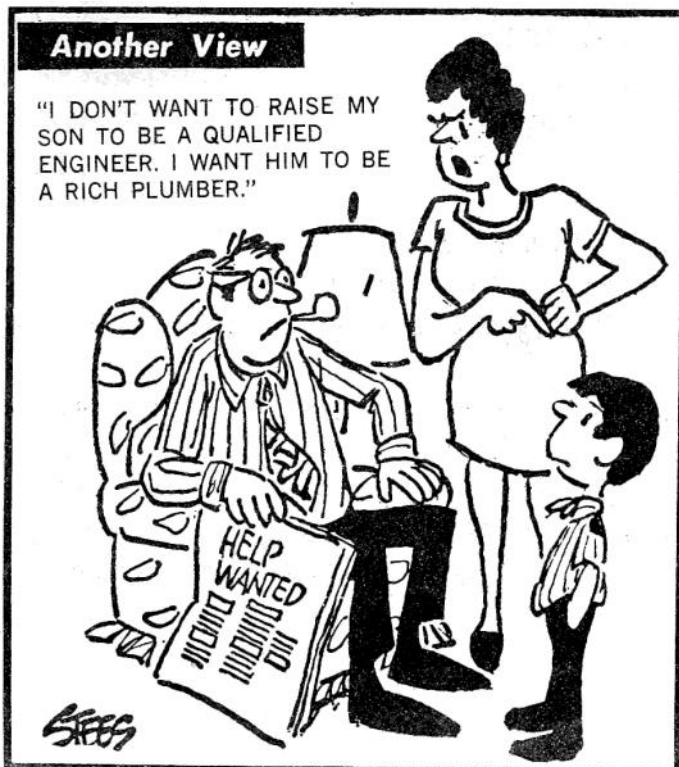
The ASHRAE BC Chapter November 2008 meeting was held at the Italian Cultural Centre, and was attended by 72 members and guests.

After introductions, Dick Perry, Past President of ASHRAE BC and Past ASHRAE Society President told the meeting about the new ASHRAE headquarters building in Atlanta, and highlighted it's leading edge design features and the process behind the selection and design of the new building, known as a "living lab" for HVAC technologies.

The main event of the evening was a presentation about the "Roadmap to Carbon Neutrality" by Jennifer Sanguinetti of Stantec who provided an insight into the basics of carbon neutrality. Jennifer went on to summarize the new regulatory issues in our province with respect to buildings and communities, and reviewed the resulting energy trends.

The talk wrapped up with some "how to" information to help inform those who are wishing to pursue carbon reductions or carbon neutrality, and some case studies of relevant projects. The question period was extensive and lively following this thought provoking and enthusiastically received topic.

Les Pereira, ASHRAE BC Chapter, VP Programs



**TIMES DON'T
CHANGE**

**THIS CARTOON
FIRST APPEARED
IN 1972!**



ASHRAE B.C. CHAPTER MEMBERS RECEIVE CHAPTER SERVICE & REGIONAL AWARDS

The outstanding contributions made by some of our Chapter members have been recognized through Chapter Service Awards and a Region XI Award of Merit

NORM GRUSNICK

Region XI Award of Merit & Chapter Service Award

ROB FLIPSE

Chapter Service Award

GARY WAY

Chapter Service Award

TIM HUTCHISON

Chapter Service Award



**Norm Grusnick receiving his awards from
BC Chapter President Chris Collett**

JANUARY 2009 MEETING REPORT

The January 2009 meeting was held as a luncheon at the downtown UBC campus at Robson Square. The ASHRAE B.C. has made it a policy to hold one or more meetings downtown at lunchtimes in an effort to reach those members and guests who might otherwise not be able to make the usual dinner format.

The topic was Air Filtration and it was chosen on the basis of feedback from several consulting firms as a topic of interest. The presenter was **Graham Crompton** of DAFCO Filtration Group and his talk covered a brief history of air filtration, ASHRAE 52.1 versus 52.2, MERV Ratings and the impact on LEED/ GREEN Certification and Sustainability.

ASHRAE Technology Award Plaques were also handed out to **Sam Louie** from MCW Consultants, and **Milenko Vujicic** from AECOM, who both won Chapter and Region XI Technology Awards.

Our Research Draw raised \$275.00 for ASHRAE Research. Thanks go to Gordon Latham Ltd. who provided the draw prize of an iPod Nano.



Les Pereira, BC Chapter VP Programs thanking Lunch Speaker Graham Crompton of the DAFCO Filtration Group



Presentation to Milenko Vujicic from AECOM, and Dan Brown from Kwantlen Polytechnic University.



Presentation to Sam Louie from MCW Consultants.



3rd Biennial International GeoExchange Conference and Trade Show

University of British Columbia, Okanagan Campus
Kelowna, British Columbia, Canada

May 13 - 15, 2009

REGISTER NOW!

Join us at the 3rd Biennial International GeoExchange Conference and Trade Show May 13 - 15 in Kelowna, British Columbia.

Plans are well underway for a diverse and exciting conference program including a keynote session with Guy Dauncey.

We are also pleased to announce a selection of pre-conference workshops. Steven Kavanaugh and Kevin Rafferty (authors of the Ashrea Geoexchange Design "Blue Book") will be returning to deliver their excellent Ground Source Heat Pump Design workshop.

A comprehensive range of CGC training workshops are also being offered. Take this opportunity to update your training with one of the following:

- CGC Installers,
- CGC Residential Designers,
- CGC Municipal Inspectors.

Don't miss out on this leading Canadian geoexchange event! We look forward to meeting you when the international geoexchange community reconvenes in Kelowna. Visit the website for more details: www.geoexchange2009.com.

Register NOW to receive the EARLY BIRD Registration Rate

Go to www.geoexchange2009.com to receive the early bird registration rate.

Call for Abstracts

Deadline for submissions is March 13, 2009. To submit, go to: www.geoexchange2009.com.

Exhibit Space Selling Fast

Don't miss out on being a part of this leading industry event. Act soon, more than half of the exhibit space is already committed! For more information go to www.geoexchange2009.com.

Contact Information

For all enquiries, please contact:
Rachel Bolongaro, P.Eng.
Telephone:(604)308-4805



Advertisement and Opportunities

JOB POSITION AVAILABLE

Mechanical Engineering firm requires **AutoCad Operators** for their Langley and Nanaimo offices. Candidates must have a minimum of 2 – 5 years AutoCad experience with a background in HVAC and plumbing. BCIT or equivalent training preferred. Canadian experience is a must. Please submit your cover letter and resume to: georgiarpe@yahoo.com

Only those candidates that have been short-listed will be contacted for an interview.

Do you have something to say or have you read something that others in our chapter may find very interesting? Let the BC Chapter's Totem be your voice.

email Newsletter Editor at chris@collett.net

You may see your article in the next Totem.



The ASHRAE BC Chapter will post Employment Opportunities Advertisements in the Totem as a service to our Chapter members at a cost of \$100 per issue. The advertisements should be a half page maximum and can be e-mailed to our 2008-2009 Chapter President and acting newsletter editor chris@collett.net



**SOME OF THE ASHRAE BC CHAPTER PAST PRESIDENTS
AT THE JANUARY 2009 MEETING**

**Toby Lau, Brian O'Donnell, Dale Carter, Peter Horwood,
Norm Grusnick, Chris Malloy, Dick Perry, George Pinch,
Alex Boome, Ed Chessor, Bruce Munro**

**A NEW ASHRAE STUDENT CHAPTER
IS BEING FORMED AT THE
UNIVERSITY OF BRITISH COLUMBIA
(Mechanical Engineering Program)**

**Dr. Nima Atabaki will be the
Student Advisor for the New Chapter**



THE NEWLY RENOVATED ASHRAE HEADQUARTERS BUILDING IN ATLANTA

The ASHRAE Society Headquarters Building has undergone an extensive renovation, and a renewal ceremony was held in Atlanta on October 23rd, 2008. The invited guests for the ceremony included the B.C. Chapter's **Dick Perry**, who served as ASHRAE Society President in 1982. Dick served as chair of the committee that decided the location of the original headquarters building, and was involved with the identification and purchase of the original building in the early 80's.

As innovators in energy efficient technology, ASHRAE felt that the renovated headquarters building should serve as a showcase of sustainability. ASHRAE had four main goals for the headquarters renewal: (1) to provide a healthy and productive workplace; (2) to demonstrate a commitment to sustainability; (3) to build a leaning centre; and (4) to create a "Living Lab" in which the building is monitored and metered to capture building performance data which will be accessible to ASHRAE members on line in the near future.

Further information about the ASHRAE Headquarters Renewal is available at <http://images.ashrae.biz/renovation>

The ASHRAE Headquarters Building in Atlanta, Georgia.



Dick Perry at the Headquarters renewal ceremony with ASHRAE Staff Members Judy Marshall and Carolyn Kettering



ASHRAE BC Chapter 2008-2009 Officers and Committee Directory

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Membership matters

TOP REASONS PEOPLE JOIN ASHRAE:

- To receive technical / educational publications
To support the HVAC&R professions
To receive the journal
To be knowledgeable in the area of Technical Standards
Networking Opportunities
Increase Professional Skills

Please help us keep you updated by keeping us updated

If you have not been receiving your email meeting notices or you have changed information, please email Chris Collett at chris@collett.net or call 604-535-4215

Please include the following:

Name: _____,

Company Name: _____

Address: _____

Phone: _____,

Fax: _____,

Email: _____ Membership _____