



Capital Communiqué

2008 - 2009

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Table Top

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Rod Lancefield

Nominations

David Eastwood

CRC Action

Patrick St-Onge

ASHRAE - AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS

<http://www.ashrae.ottawa.on.ca>

OTTAWA VALLEY CHAPTER

e-mail: contact@ashrae.ottawa.on.ca

Summer 2008

President &
CRC Delegate



President's Message

By Patrick St-Onge

P.Eng., LEED AP

2008-2009 OVC President

The summer is well underway, and most of you are just getting back from vacation. Some of you may be surprised to see my face on top of the "President's message" article and may think: "Wasn't François Bélair supposed to be president this season??" Indeed, you are right. Unfortunately François had to step down from the position of president of the Ottawa Valley Chapter of ASHRAE, so I have inherited the position of President and will have the honor of steering the activities of the Chapter for this coming season. All the best to François on the new challenges that are ahead of him.

Of course, the Board of Governors had to be re-organized and two new faces were added (well, one is not so new). Stephen Lynch joins the executive team as Treasurer and Paul Baker is back as governor. All other members of the executive move up by one step (refer to the left hand side of this page for the 2008-2009 committee members)

The other big change that occurred during the summer is the location of our monthly meetings. The meetings (with the exception of September) will now be held at the Travelodge, on Carling, next to the Queensway. We believe that most of you will appreciate the easy access to this new location as well as the ambiance of the Greenery room.

Attached with the Capital Communiqué, you will find the Chapter Membership Renewal form. The chapter membership cost and meeting costs will remain the same as last year, even if the change of location does constitute an upgrade.

I would like to take the opportunity to officially thank the 2007-2008 chapter President, Robert Lefebvre, the executive, the committee chairs, and all the members that have provided many efforts and regularly attended the meetings to make this another successful year. We are lucky enough to be participating in a very active ASHRAE chapter and I invite you to contact any member of the BOG or committee chairperson if you are willing to contribute a little bit of your time.

(cont...)

With the new season rapidly approaching, the 2008-2009 chapter committees are busy preparing the upcoming year's programs and events. In preparation for this coming year, committee chairs, some chapter officers and the Regional-Vice-Chairs will be attending the CRC (Chapters Regional Conference) from August 22nd to the 24th in Montreal. The purpose of the CRC is to supply ASHRAE chapter organizers with tools to make the chapters activities the most successful.

The first meeting will once again be held at the Prescott where the unique atmosphere and charm of this location make it the venue of choice for the September meeting.

The annual ASHRAE OVC golf tournament was held this year on the 24th of June. It was another great success. Golfers had the chance to enjoy one of the few sunny days of the summer! Thanks to the organization committee chaired by Adam Beales and to all participants that have made this once again a superb event.

Finally, enjoy the rest of the summer, send letters to Environment-Canada to complain about the rain, and look for our next Communiqué in September.

Yours very truly,
Patrick St-Onge, P.Eng., LEED AP
ASHRAE Ottawa Valley Chapter
2008-2009 President

President &
CRC Delegate



ASHRAE FELLOW NOMINATION

By Patrick St-Onge
P.Eng., LEED AP
2008-2009 OVC President

It is with great pride and honour that I am announcing to our Chapter Membership that the Society's Honors and Awards Committee has elevated Dr. Douglas Walkinshaw, PhD., P.Eng. to the very prestigious rank of Fellow member of ASHRAE.

Currently, only about one percent of the ASHRAE worldwide membership (circa 55,000 members) has achieved Fellow status. It recognizes the extraordinary achievements and contribution of Dr. Walkinshaw to the HVAC-R industry throughout the years.

What exactly is a fellow member? Let me refer you to the ASHRAE Bylaws, Article II, Section 2.4:

“Fellow. A member who has attained distinction in the arts relating to the sciences of heating, refrigeration, air conditioning or ventilation, or the allied arts or sciences, or in teaching of major courses in said arts and sciences, or who by reason of invention, research, design, original work, or an engineering executive on project of an unusual important scope, has made substantial contribution to said arts and sciences, and has been in good standing as a full grade Member for the last ten (10) years is eligible for election to the grade of Fellow by the Board of Directors.”

Congratulations to Dr. Walkinshaw for this nomination. We are very proud to count him as part of our chapter. We even had the chance to receive him as the main presenter during our May 2007-2008 meeting (refer to the What You Missed section of this communiqué).

(cont...)

BIOGRAPHY



Dr. Walkinshaw is an international authority in the field of indoor air quality problem identification and solving. With respect to ASHRAE, Dr. Walkinshaw was a member of the 62-1989 committee that set the original 15 CFM/person minimum ventilation standard for building, passenger aircraft and other indoor environments, and of the SPC 161 committee which developed a separate air quality and ventilation standard for passenger aircraft that is being issued this year. He has been a speaker at many international conferences and has published numerous papers on the subject of indoor air quality. Prior to founding Indoor Air Technologies in 1988, Dr. Walkinshaw held different positions with Canadian Federal Government departments and agencies, including at the Defence Research Board where he worked on the blast hardening of the Canadian DDH 280 destroyer, at Public Works Canada working on building energy conservation, at the National Research Council developing its first indoor air quality research program and at Health Canada on IAQ chemical and biological guidelines.

Dr. Walkinshaw holds a PH.D. in Mechanical Engineering from the University of Alberta, and Master's and Bachelor's degrees in Civil Engineering from McMaster University. He is a founding member of the International Society of Indoor Air Quality and Climate (ISIAQ) and the International Academy for the Indoor Air Sciences (IAIAS).



Research Promotion

by Glenn MacLean, P.Eng
2007-2008 ASHRAE Research Promotion Chair

Research Promotion

We had a very successful campaign this year for the Ottawa Chapter and Region II. Our goal for Ottawa was \$18,500, which we surpassed by ~ 5%. The chart below shows how we stacked up compared with the rest of the Region II chapters:

ASHRAE RESEARCH CAMPAIGN 2007-2008

(July 08, 2008)

	% OF GOAL	\$ RAISED	GOAL
Halifax	97.5%	\$5,850	\$6,000
NB/PEI	106.9%	\$7,640	\$7,150
Quebec City	110.5%	\$15,471	\$14,000
Montreal	106.8%	\$21,903	\$20,500
Ottawa Valley	105.0%	\$19,433	\$18,500
Toronto	109.2%	\$30,579	\$28,000
Hamilton	92.3%	\$7,845	\$8,500
London	97.7%	\$11,720	\$12,000
Windsor	99.2%	\$5,458	\$5,500
TOTAL		\$125,899	\$120,150

We had some major sponsors again this year, with Enbridge contributing significantly again this year in Ottawa, Toronto and Hamilton. We had almost 50 individual sponsors this year - truly a great participation level. We also had over \$6,000 contributed by the Ottawa Valley Chapter. This money was raised over the last 2 years at our annual golf tournaments, curling bonspiels and other special events. Thank you all for your continued participation and support of these events.

Have a safe and happy summer, and please continue to support ASHRAE Research - it really does make a difference.

Regards,

Glenn MacLean, P.Eng.
ASHRAE Research Promotion Chair
Ottawa Valley Chapter - 2008/09



What You Missed

by Patrick St-Onge
Chapter Secretary 2007-2008

As usual, the May meeting was a very busy one. Traditionally, the May meeting is the Past Presidents night as well as spousal night. Once again, many past presidents were present for this event. The May meeting has always been one to show the vitality of our chapter. Having all the young faces illustrating the current strength and future of the chapter and industry while rubbing shoulders with the experience of our past presidents who, by their presence, show their interest of providing support and sharing knowledge.

The May meeting is also an opportunity for our chapter to recognize the spouses that support those who, once a month or more, take a little of their valuable family time to contribute to the Ottawa Valley Chapter of ASHRAE.

This meeting is also the one where the switchover for the board of governors happens. David Eastwood, Nomination Committee Chair, instated the new board and the new President for the coming year.

The presenter of the night was Douglas Walkinshaw, PhD., P.Eng President of Indoor Air Technologies Inc. gave a speech on passenger aircraft indoor air quality problems and solutions. Everybody takes the plane from time to time and it was very interesting to understand the means for contamination between passengers. Dr. Walkinshaw's work illustrates very clearly the different challenges aircraft designers face when it comes to the ventilation of the plane. There are of course health issues, but also safety issues that must be addressed.

Some solutions were presented such as the usage of a different type of diffuser that would limit the spread of pathogens between passengers.

Mr Walkinshaw also proposes an aircraft envelope ventilation and pressure differential control system to solve humidity control problems (de-humidifying the envelope and humidifying the cabin), heating and cooling problems and protect against fire risks.



Douglas Walkinshaw discussing indoor air quality on passenger aircrafts

Committee
Chair



Business Card Ads

by Rod Lancefield

You can support your chapter and promote your business by placing your business card in the Capital Communiqué. It will also appear on the Chapter website.

Cost is \$225.00 for the year; contact Rod Lancefield, rod@htseng.com, (613) 728-7400.



Your card here!



Chapter Membership Information & Packages:



Section A-Chapter Membership Dues:

- I paid my *Chapter Dues* directly to ASHRAE Society in Atlanta> \$0.00
- ASHRAE Associate, Affiliate or Member Chapter Dues> \$50.00
- ASHRAE Student or Retirees Chapter Dues> \$30.00
- ASHRAE Life or Fellow Chapter Dues> No Charge

Section B-Technical Meeting Registration Fees & Value Packages:

Individual technical meeting registration rates (includes dinner):

- ASHRAE Chapter Member \$30.00
- ASHRAE Chapter Life, Fellow, Retiree or Student Member \$20.00
- Non-ASHRAE Chapter Member or Guest \$45.00

We are pleased to offer Registration Packages to our chapter members. Please take some time to review the different packages with associated cost savings, benefits and restrictions.

- Full-Season* technical meeting registration package> \$160.00
 - Package includes eight (8) technical meeting vouchers which including dinner.
 - Vouchers are non-transferable.
 - Overall cost of \$20.00 per meeting, for an annual savings of \$80.00.
- Half-Season* technical meeting registration package> \$100.00
 - Package includes four (4) technical meeting vouchers which include dinner.
 - Vouchers are non-transferable.
 - Overall cost of \$25.00 per meeting, for an annual savings of \$20.00.
- Corporate* technical meeting registration package> \$180.00
 - Total of eight (8) technical meeting vouchers which include dinner.
 - Redeemable in any quantity at regular chapter meetings.
 - Overall cost of \$22.50 per meeting, for an annual savings of \$60.00.
(As compared to eight (8) individual member technical meetings rates.)
 - Available only to Companies having a minimum of one (1) employee with a Full-Season Meeting Registration Package. Limit of one (1) Corporate Registration Package per Full-Season Registration
- ASHRAE Society Life, Fellow, Retiree & Student Members* technical meeting registration package> \$130.00
 - Available only to ASHRAE Society Life, Fellow, Retiree & Student Members.
 - Package includes eight (8) technical meeting vouchers including dinner.
 - Vouchers are non-transferable.
 - Overall cost of \$16.25 per meeting, for an annual savings of \$30.00.

Please note that technical meeting registration vouchers are only valid during the 2007-2008 ASHRAE Ottawa Valley Chapter season and are not transferable to the next chapter year.

Section C-Payments:

Please total your 2007-2008 ASHRAE Ottawa Valley Chapter dues and registration costs from Section A & Section B and record the total.>

\$

Please make a cheque in the total amount recorded in section C payable to "ASHRAE Ottawa Valley Chapter" and mail with this registration form to:

ASHRAE Ottawa Valley Chapter
P.O. Box 21088, 1166 Bank St.
Ottawa, Ontario
K1S 5N1

Chapter Meetings:

The ASHRAE Ottawa Valley Chapter meets on the third Tuesday of the month. The 2008-2009 meeting dates are:

- | | |
|----------------|---------------|
| • September 16 | • February 17 |
| • October 14 | • March 17 |
| • November 18 | • April 21 |
| • January 20 | • May 19 |

Please refer to the ASHRAE Ottawa Valley Chapter website for meeting locations:
www.ashrae.ottawa.on.ca



Office Use Only

Checked By: Treasurer () Membership () Roster () Telephone ()

Notes: