



Capital Communiqué

2004 –2005

President
Cathy Godin

President Elect
Jay Doshi

Secretary
Glenn MacLean

Treasurer
Rob Lefebvre

Past President
Jason MacMurdo

Governors
Mike Derouin
Tony Doyon
Gary Hartmann
Donald Johnson
Stewart Woermke

Kingston Section
Vacant

COMMITTEES
Audit

Glenn MacLean
Resource Prom.

Jason MacMurdo
Membership

Heather Garner
Program

Chris Workman
Student Activities

Chris Fudge
TEGA

Niraj Chandra
Chapter Historian

Joel Primeau
Special Events

Chris Healey
Communiqué

Rod Potter
Publicity

Cynthia Gillis
Table Top

Gary Hartmann
Telephone

Cathy Godin
Greeters

Ray Young
Roster

Kevin Toll
Webmaster

Rod Potter
AI Oakes Award

Jason MacMurdo
Nominations

David Eastwood
CRC Action

Cathy Godin

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

October 2004

EVENING PROGRAM

DATE: Tuesday October 19, 2004. Social: 17:30 Dinner: 18:30 Program: 20:00

THEME: TEGA/Student

PROGRAM: Renewable Energy Technologies

SPEAKER: Robin Hutcheson P.Eng.

OVERVIEW: An overview of renewable energy technologies as they apply and integrate with the built environment. Technologies reviewed include wind, geo-exchange, solar thermal and photovoltaics. The presentation will focus on the solar technologies, highlighting the related technical and economic issues.

SPEAKER BIO:



Professional Engineer – electrical and energy; LEED AP

Over twenty years of consulting engineering, construction and facility management.

Specializes in strategic energy planning, including renewable energy.

His company owns 2 PV and one solar thermal energy system.

Work has included a wide variety of facility engineering, remote facility power systems, northern community energy planning and turnkey installations of photovoltaic power systems in Alberta and Argentina.

Recently designed & commissioned Parks Canada's first grid connected photovoltaic power system at St. Lawrence Islands National Park.

Currently working on a number of PV and solar thermal projects and is managing a feasibility study for community scale biologic digester and green energy system.

MENU

Hot Roast Potatoes, Chicken with Mushroom Sauce, Rice Pilaf, Baked Fish
Meat Balls, Penne with Tomato Sauce, Cold Chef's Salad with Dressings
Potato Salad, Crab Salad, Pasta Salad, Chick Pea Salad, to name a few;
Assorted Cheeses, Coffee & Tea, Dessert



David Fanset
ACCOUNT EXECUTIVE

Ottawa Office
1501 Carling Ave., Unit B
Ottawa, ON K1Z 7M1
Tel: (613) 729-6960 Fax: (613) 729-2690
e-mail: dlfanset@belnor.com

Head Office
286 Atwell Drive, Unit 7
Toronto, ON Canada M9W 5E2
Tel: (416) 213-0889 Fax: (416) 213-1687



Heating, Ventilation, Air Conditioning, VSD's & Humidification

Doug P. Breckenridge, P.Eng.

877 Boyd Avenue, Ottawa, ON K2A 2E2
Tel.: (613) 728-0060 • Fax: (613) 725-2637
doug@breck-mar.com



THE CAPITAL GROUP
• Capital Air •
• CA Mechanical •
• CA Electric •

THE CAPITAL GROUP
KEN BOYD
PRESIDENT

9 Antares Drive, Ottawa, ON K2E 7V5
Tel.: (613) 228-0140 • Fax: (613) 228-8804
Web Site: www.ocapitalgroup.ca • E-mail: kboyd@capitalgroup.ca

PRESIDENT'S MESSAGE

The Tragically Hip sing a lyric "You said you didn't give a twig about hockey, well I never saw anyone say that before!"

Well I do give a twig about hockey, but whether you term the current state of the 2004-05 NHL season to be the result of a lock-out, a strike or the more politically correct "work stoppage", let's face it, a large number of us have a bit more time on our hands right now.

There's a quantifiable trickle-down effect to this situation, and please don't think that I'm making little of the innocents who will certainly suffer due to unemployment, but we're all resourceful folks! We can fill this void. Certainly minor and junior sports organizations are already enjoying the added ticket revenue and the audiences that the up-and-comers deserve. I'm a big advocate of minor sports myself and truly have confidence in grassroots organizations of all interests. But I'm getting off track - as I said, we're all resourceful folks and pretty intuitive as well, so I'm certain you can see where I'm going with this.


Don't despair the loss of social interaction and the chance to unbridle your enthusiasm. Each and every 3rd Tuesday of the month there is such a venue. The ASHRAE Ottawa Valley Chapter meeting! The seats are slightly more roomy, the beer cold and much more economically priced and the talent! A room filled with Gordie Howes, Mario Lemieux and Vincent Lecavaliers: vets, current stars and rookies but of the HVAC community.

The themes of the October meeting are TEGA and Student Activities. I'm honoured that Past-President Don McKeen will give a short address relating to the upcoming 100th anniversary of the formation of ASRE, the American Society of Refrigerating Engineers, which was chartered in December 1904 and eventually evolved into ASHRAE as we now know it. Student Activities in the Ottawa Valley received approval at the Nashville summer meeting to charter a new student branch at Carleton University and a formal presentation of their Student Chapter banner will also take place at the October meeting. This is a great opportunity to welcome these rookies to our industry and to scout for potential all-stars.

Take advantage of the improved traffic flow as you make your way to this month's meeting. Warm-up is at 5:30, the puck drops at 6:30. See you there!

Woo-Hoo!
Cathy Godin,
President 2004-2005
ASHRAE Ottawa Valley Chapter

John P. Lowery, P.Eng.
Senior Territory Manager



Carrier Canada
1350 Baxter Road, Unit B
Ottawa, Ontario K2C 3P1
613-820-7810, Ext. 240
Toll-free: 1-800-551-8385, Ext. 240
Fax: 613-820-9462
Internet: john.lowery@carrier.utc.com

AIR CONDITIONING VENTILATION AIR CLIMATE



1500 STAR TOP ROAD
OTTAWA, ONTARIO K1B 3W8

DANNY DILLON
VICE PRESIDENT Email: danny@dmfo.com TEL: 741-7731 745-3613 FAX 741-9982



ELECTRO BREEZE Canada Inc.

Maurice Lachance
President

5929L Jeanne D'Arc Blvd. Suite 301, Ottawa Ontario K1C 7K2
Phone: 613-521-2223 • Fax: 613-526-6222 • Pager: (613) 566-8245
Email: info@electrobreezeaircleaners.ca www.electrobreezeaircleaners.ca



GENIVAR
Mike Swayne, B.Eng., P.Eng.
Partner

GENIVAR ONTARIO INC. 15 Fitzgerald Road, Suite 100
Nepean, Ontario K2H 9G1 CANADA
Tel: (613) 829-2800, ext. 333
Fax: (613) 829-8299
www.genivar.com → mike.swayne@genivar.com



**Goodkey, Weedmark
& Associates Limited**
Consulting Engineers

Ross J. McIntyre, P.Eng.
Principal, Designated Consultant
Mechanical Engineer

1749 Woodward Drive, Ottawa, Ontario K2C 0P9 Canada
Telephone: 613-727-5111 Fax: 613-727-5115
Email: rossmc@gwal.com



**HITS
ENGINEERING LTD**

Rod Lancefield, P.Eng.
Branch Manager

889 Lady Ellen Place, Ottawa, Ontario K1Z 5L3
Tel: (613) 728-7400 Cell: (613) 851-1997 Fax: (613) 728-8032
Email: rod1@hitseng.com Toll Free 1-888-280-8544

Theme – Student Activities

Hello! My name is Chris Fudge, and I am the committee chair for student activities. I would like to welcome back those students returning to our chapter as well as any new members in attendance. This month's theme is *student activities*. We are very excited to announce that the [Carleton University Student Chapter](#) will be presented with its charter at this month's meeting. In attendance will be Carleton University student advisor Dr. J. Gu, several members of the Carleton University Chapter, and Nicolas Lemir, our esteemed RVC. Please take the time to talk to students and make them feel welcome. *Students are the future of our chapter and our industry.*

Last year we saw many students get involved with our local chapter. We are going to work hard to keep things interesting for our student members again this year. We already have several events planned at Carleton University and hope to see similar involvement from other student chapters. The student activities committee is comprised of the following individuals: Imtee Baksh, Heintje Andreason, Peter Paciorek, Karin Manning and myself. Each of us will act as a liaison between our chapter and an institution here in Ottawa. To make student activities a real success takes the efforts of the whole chapter. Last year several members of our chapter pitched in to help with guest lectures and other tasks.

Thanks for all your help last year and thanks in advance for this years support!

Chris Fudge
Committee Chair, Student Activities

Technical Session

Our resident specialist and head cheese nibbler Joel Primeau of Trane Ottawa will be presenting a technical session to update our members on *ASHRAE Standard 62*.

He will be focusing on Addendum 62n, and it will last approximately 45mins.

For those of you who are wondering, the Hershey Plant tour has been rescheduled to next April.



HUGH WILLIAMSON ASSOCIATES INC.
Acoustics, Vibration and Noise Control

Hugh Williamson, Ph.D., P.Eng.
12 Maple Lane, Ottawa, ON, K1M 1G7

Phone: (613) 747 0983
Fax: (613) 747 4514
hughwilliamson@sympatico.ca
http://www3.sympatico.ca/hughwilliamson

InAIR Environmental Ltd.

Lan Chi Nguyen Thi, P.Eng.
Partner

1390 Prince of Wales Dr., Suite 503
Ottawa, Ontario K2C 3N6
Phone 613.224.3863
Fax 613.224.2561
lanchi.nguyen@inairenvironmental.ca
www.inairenvironmental.ca

Mould & Flood Remediation
Drinking Water Testing
Training Courses
IAQ Surveys



www.keeneng.com

James S. Mills, P.Eng., P.E.
Associate
LEED® Accredited Professional

Keen Engineering Co. Ltd.
2153 St. Patrick Street
Ottawa, Ontario K1N 3K6

Tel: 613.225.8414 Fax: 613.241.6151
Cell: 613.447.2615
E-mail: jim.mills@keen.ca





(your card here!)

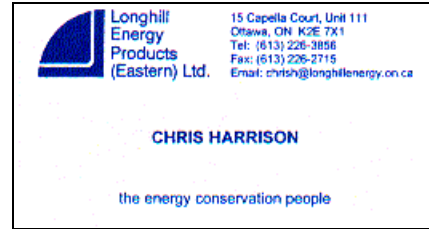


TABLE TOP DISPLAY



Titus presents its model **HHC Horizontal High Output Series fan coil unit**.

This horizontal discharge fan coil unit is designed for concealed installations above dropped ceilings or over closets where ducted air systems are required. Typical applications are in hotels, motels, condominiums and commercial buildings. Open construction facilitates easy access. This product is one of many new Titus products offered in the fan coil and air handler market.

Please contact Gary Hartmann at 728-0060 regarding future tabletop displays.

What You Missed – September 21, 2004 Meeting and Tour

Our first meeting of the year started with a change in venue - if you went to the old location at Capones you are probably reading this section of the Communiqué for more than a refresher. Our new location is La Contessa Banquet Hall at 156 Cleopatra Drive in Nepean.

There was a tour of the new CBC facility at 181 Queen. Tour guests were shown the studio and background set-up areas. The tour also focused on some of the noise control measures taken during design and construction. Following is a message from our kind tour guide:

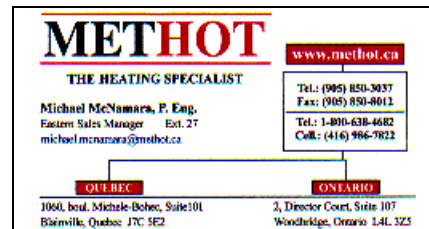
“CBC/Radio-Canada is excited about moving all of its Ottawa operations under one roof in a new production centre located in the heart of the nation's capital. On September 21, Jean Carpentier, Senior Manager of Operations, and Wynn Anne Sibbald, Communications Manager, guided a group of ASHRAE members through the new production centre. Canada Now began broadcasting its local show from this studio on September 13.”

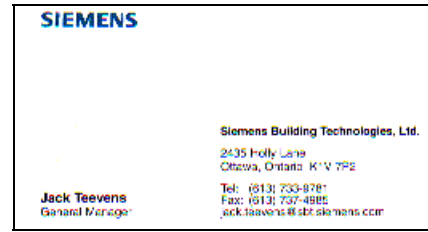
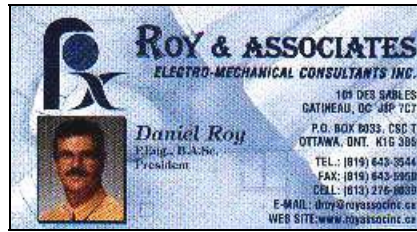
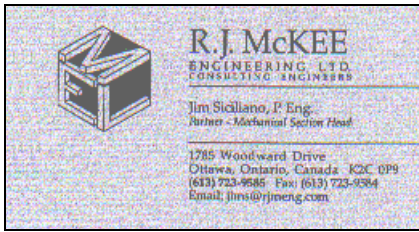
The theme of September's meeting was Membership and we were honoured to have our Regional Vice Chair for Membership, Frank Bann, in attendance. Heather Garner introduced the new members to the chapter and encouraged all who were eligible (and we now know who you are) to pursue membership advancement this year.

(continued...)



(your card here!)





(...continued)

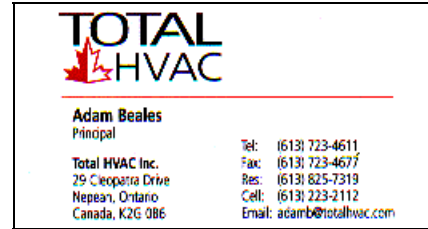
The evening program was on *Acoustics and Vibration* and was presented by Greg E. Clunis of Integrated DX Engineering Ltd. Greg spoke about the specific challenges and concerns as they pertain to Air Handling Units and Chillers, discussed the evaluation criteria used and pointed out that the ASHRAE guideline was one of the best places to start. The special challenges associated with Heritage retrofits were also discussed with particular importance put on inspections and commissioning practices.

Past-president Jason MacMurdo asked a question relating to speech security issues, and Greg Clunis has responded by making a document available on the subject: "*Speech Security – a Best Practice Guide*". This document is available in PDF format on our website at:

[http://www.ashrae.ottawa.on.ca/ashraeoc_communique/orig docs/ Speech_Security_BPGuide_Mar.pdf](http://www.ashrae.ottawa.on.ca/ashraeoc_communique/orig_docs/Speech_Security_BPGuide_Mar.pdf)



The crew looking good in the new CBC Canada Now newsroom



Membership Promotion – Welcome New Members

The ASHRAE Ottawa Valley Chapter would like to welcome the following new members to our chapter:

Steven McAllister
Barone Giuseppe
Bill Blair
Jerry O'Neill
Roman Pijacki
Greg Pon

If you have any questions or concerns, or if you would like to donate some time to the chapter please contact Heather Garner, the Membership Promotion Chair at: heather.garner@genivar.com.

Welcome to these new members, and I hope you enjoy this year's program!

ANNOUNCING THE NEXT MEMBER-GET-A-MEMBER CONTEST

Despite less than stellar performance last year, the membership promotion committee is sponsoring another “member-get-a-member contest” again this year. I figure everything deserves a second chance!

So to enter, get a membership application form, convince someone to fill it out and join ASHRAE and make sure they put your name and member number in the MEMBER-GET-A-MEMBER box on the application form.

On top of the \$10.00 coupon awarded by Society that can be used on your dues (among other things) provided to everyone who fills out this box, the Ottawa Valley Chapter will be drawing for a prize to be awarded at the last meeting of the year!

So enter now and enter often!

Heather Garner
ASHRAE - Ottawa Valley Chapter
Membership Promotion Chair

BUSINESS CARD ADS

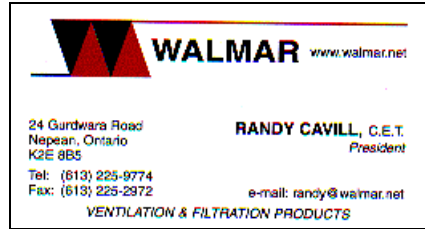
You can support your chapter and promote your business by placing your business card in the Capital Communiqué. It will appear in the electronic and printed version as well as on the Chapter website.

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

ASHRAE OTTAWA VALLEY CHAPTER MEETING LOCATION

Our meeting location is **LA CONTESSA BANQUET HALL**, 156 Cleopatra Drive, Nepean, K2G 5X2
Tel. 613-224-8700. Parking is available just to the north of the building in a small multi-storey parking lot.

Make sure you lock your car and bring your valuables with you.



“PEOPLE ON THE MOVE”

FRANCOIS BELAIR

Walmart Ventilation Products is pleased to announce that Francois Belair has joined the Walmart team as of October 4th, 2004.

Francois graduated from Lakehead University with a Bachelors Degree in Mechanical Engineering and has experience both as an Estimator and Project Manager. Francois has worked at the engineering level and the contractor level, which should be a great asset for him in his new responsibilities.

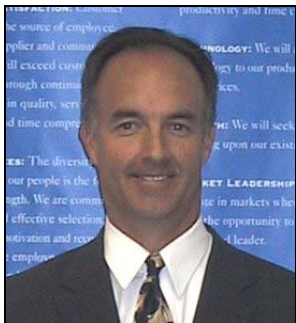
Francois is the current Technical Vice President of ASPE and is an associate member of ASHRAE.

Francois will be responsible for the Quebec contractors market as well as coordinating the Engineers program that Walmart has instituted. We at Walmart wish Francois loads of success and look forward to him having a long and prosperous career with us.

Daniel Laurin
VP Sales Industrial & Filtration
Walmart Ventilation Products



TOM CHIYKOWSKI



Johnson Controls is pleased to announce the appointment of Tom Chiykowski, P.Eng. to the position of Account Executive. Tom is a graduate of the mechanical engineering program at Carleton University and has been in the HVAC industry in Ottawa for eighteen years. He will be the Johnson Controls contact with the mechanical design engineers and mechanical contractors in Eastern Ontario and Western Quebec.



The new *People on the Move* section is a new service provided to Chapter members - please send your article to ashrae@rodders.com in plain text format for consideration.

(your card here!)

X-L-AIR Nicolaos Haitas, P. Eng.
President

X-L-AIR ENERGY SERVICES LTD.
CONTRACTOR

www3.sympatico.ca/x-l-air Tel: 613-839-1708
x-l-air@rogers.com Fax: 613-839-1803

(your card here!)

SEABISCUIT

A NOTE FROM YOUR EDITOR/WEBMASTER

I watch a lot of movies. Some are good, many are bad, and occasionally, just occasionally, one of them turns out to be brilliant. This happened a couple of Sundays ago - I was recumbent on the couch at about 2pm, with my father-in-law snoring softly beside me. The lunchtime visit to the pub had taken its toll on both of us, and alas his preferred media was the back of his eyelids.

The movie in question was "Seabiscuit". I had taped it some time ago and remembered that it had done well at the recent Oscars. It seemed like the ideal way to spend my Sunday afternoon, and soon revealed itself to be a bit special. It had something about it that managed to capture me in a way that few movies can - and I was transported into what I refer to as the "zone" - a magical state where I am so absorbed by the movie that I almost feel like I am right there inside it. Perhaps it was the wonderful cinematography which captured the depression period so accurately; perhaps it was simply Jeff Bridges doing his thing. Maybe it was Tobey Maguire proving himself to be one of Hollywood's brightest stars.

Whatever it was, I was lost in the Seabiscuit experience, and completely in that zone - until I realised that this movie was simply too good to experience without my wife at my side (she beats her snoring father as company hands down). So I reluctantly dragged myself away with plans to return to the movie soon. The last movie to have this affect on me was "Cold Mountain", but in retrospect that could simply have been because Nicole Kidman was in it.

So I expect you are asking "where am I going with this?", to which I continue: the "zone" I refer to is not restricted to my movie-related experiences - it is something that luckily I sometimes enter during my work life. Such as the zone I am in when I finally have all those answers, club977.com is cranked right up, and AutoCad seems to be on autopilot (I love it when that happens). And the zone I enter when I am building this month's Capital Communiqué, or working on the ASHRAE OVC website. It is a happy place.

I expect everyone out there has a similar "zone" - I can only hope that they get the same satisfaction from the experience as I do from mine.

*** end of Communiqué ***



(your card here!)

