



Capital Communiqué

2005–2006

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OTTAWA VALLEY CHAPTER

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January 2006

EVENING PROGRAM

DATE: Tuesday **January 17th, 2006**. Social: 18:00 Dinner: 18:30 Program: 20:00
at La Contessa Banquet Hall, 156 Cleopatra Drive, Nepean, K2G 5X2

THEME: **Student Activities**

PROGRAM: **LEED for new construction**
Note – no Tech/Tour this month

SPEAKER:



Mr. Mick Schwedler, PE
Sr. Principal Applications
Engineer, The Trane Company

OVERVIEW: Mr. Schwedler will cover aspects of the [LEED for new construction document](#) beginning with a general overview and then discussing specific HVAC issues. The presentation will highlight aspects of the “Energy & Atmosphere” and “Indoor Environmental Quality” sections of the new construction document. Mr. Schwedler will discuss recent changes to the US LEED new construction document which are being considered by the Canada Green Building Council.

SPEAKER BIO: Mr. Mick Schwedler, PE, is a senior principal applications engineer for the Trane Company. He has been involved in the development, training and support of mechanical systems for Trane since 1982. Well known for his presentations and technical training, Mick can also be seen on many of Trane’s Engineers Newsletter Live Satellite Broadcasts. He was a contributing member of ASHRAE’s SSPC 90.1 committee and was a contributing editor for the ASHRAE Green Guide. Mick is member of the LEED Energy and Atmospheric Technical Advisory Group (TAG).

Prior to joining Trane, Mr. Schwedler earned a mechanical engineering degree from Northwestern University, and holds a master’s degree from the University of Wisconsin Solar Energy Laboratory. He is a registered professional engineer in the state of Wisconsin.

Menu

TBA

Refer to website



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President's Message

by Jay Doshi

Happy New Year!

I hope you all had a great Holiday Season, and that one of your new year resolutions is to continue enjoying this exciting year of ASHRAE activities.

I wish to welcome everyone back after the holiday period and thank all who participated in ASHRAE activities during the first part of the year in all roles, ranging from attending our chapter meetings to serving on committees or the executive. You have all helped to make the Ottawa Valley Chapter successful and I encourage your continuing participation including providing feedback comments to your board of governors on our performance. I would also like to remind all of you of the ASHRAE winter meeting and AHR Expo in Chicago, from January 21st to 25th 2006. The upcoming AHR Exposition, co-sponsored by ASHRAE on January 23rd to 25th 2006 in Chicago's McCormick Place Convention Center, may be the largest show in AHR history. Please take this opportunity to participate in this event.

For 2006, we have an excellent line-up of programs for the second half of the season, starting with the LEED (Leadership in Energy and Environmental Design) program in January, followed by a series of programs/seminars on new technology and design. For details on this, please visit the Ottawa Valley Chapter Website (<http://www.ashrae.ottawa.on.ca/>) in the coming year.

The theme for the January Chapter meeting is Student Activities so we again request your assistance in sponsoring a meal for a student for the evening. Please contact our Student Activities chair Chris Fudge (Tel. 820-8111, email cfudge@trane.com) or our Treasurer, François Belair (Tel 225-9774, email francois@walmar.net) if you are interested in sponsoring a student. Thanks to the members who provided sponsorship at the November meeting.

Best wishes for a happy, healthy and prosperous new year. I am looking forward to seeing many of you at the January Chapter meeting.

Thank you for your participation and support.

In your service,

Jay Doshi
President 2005/2006
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John P. Lowery, P.Eng.
Senior Territory Manager



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ANNOUNCEMENT

ASHRAE Boiler Room Design Day Tuesday, February 21, 2006

ATTENTION ASHRAE OTTAWA MEMBERSHIP! You will not want to miss this full day event featuring the leading technical experts in boiler room design providing dynamic presentations on boiler related topics. Manufacturers in this field will be present with trade show style tabletop displays showcasing the latest technological developments in their field. The keynote speaker will be Harald Prell, General Manager of Viessmann Manufacturing Company Inc. (North America).

Those members interested in proposing expert speakers or tabletop displays are welcome to contact the chairperson Tom O'Grady (togrady@distech.ca / Tel : 613-345-3955) or Jason Alexander (jalexander@gwal.com / Tel : 613-727-5111).

Members will be advised in the near future about the venue, registration fees and the cost associated with making a tabletop display.

Read these:



"We've got to pause and ask ourselves: How much clean air do we need?"
Lee Iacocca



"It isn't pollution that's harming the environment. It's the impurities in our air and water that are doing it."
Al Gore



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What You Missed November 2005 Chapter Meeting

by Robert Lefebvre
Secretary

The theme for November's meeting was Research Promotion. Cathy Godin discussed the benefits of ASHRAE Research and how all research money collected in Canada is used for Canadian research projects. Cathy recognized past contributors and presented them with big shiny ASHRAE coins.

There was a bucket load of students at the November meeting which was great to see. Most of the students came from College de l'Outaouais, but there were also smatterings of students from Carleton, University of Ottawa, and Algonquin College. Keep up the good work Mr. Fudge!

In the business session, Frank Vaculik from the TEGA committee identified a steam seminar that is being presented by a local distributor, and Jay Jayaraman identified a need for member participation on an ASHRAE technical committee on Cogeneration systems.

The evening program was on fuel cell technology and was presented by Dr. Mike Hamilton of the NRC. The presentation went through the history of fuel cells, the different technologies, their applications, the methods for creating and distributing hydrogen, and the future of fuel cells.



Jay Doshi and Cathy Godin



Jay Doshi and Frank Vaculik



Cynthia Gillis and Jay Doshi



Mike Hamilton accepts a gift

More photos from last meeting are viewable on-line at:

http://www.ashrae.ottawa.on.ca/ashraeoc_communique/Jan06com.shtml

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Table-Top Display

by Gary Hartmann
Table-Top Committee Chair
Governor and all-round Mover and Shaker



Trane will be presenting the next generation of web based solutions for facility-wide building control: Tracer ES and Tracer Summit(tm) WebOPS. Trane's new Web-based management platforms are easy to install, maintain, and use. Just log on and manage all of your buildings from a single computer, anywhere, anytime: change set points instantly, make schedule adjustments to one room, one building or entire campus, respond to alarms and diagnose problems.

Trane delivers a complete, single-source approach to all your building automation, equipment, service, parts and environmental needs. No more settling for half the answer. No more proprietary systems. No more running from building to building, or campus to campus. Please drop by to visit us at the ASHRAE tabletop to learn more about how Trane can make your buildings work better.



Walmar Ventilation and Rosemex will be displaying their market leading heating solutions. These low water flow, low entering water temperature heating products have dramatically increased outputs from conventional heating products while allowing for increased boiler efficiencies and lower pump horsepower.

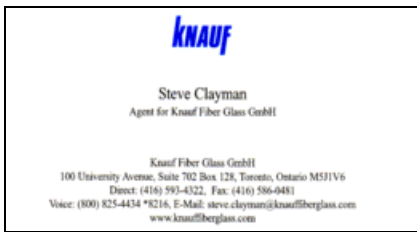


Business Card Ads

by Rod Lancefield

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

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



(your card here!)



Financial Report

2004-2005 Chapter Year

by Robert Lefebvre
Secretary

The Un-Audited Financial Report for the 2004-2005 Chapter Year is available for viewing in PDF format on our website at the following URL:

http://www.ashrae.ottawa.on.ca/ashraeoc_docs/Balance Sheet 2004-2005.pdf



New Members

by Christine Kemp
Membership Committee Chair

ASHRAE Ottawa Valley Chapter would like to welcome Imtee Baksh & Dave Shelley as new members. Also, Donald Weekes has transferred into our chapter.

Our chapter is happy to see so many new student members. Chukwudi Azih, Will Boyer, Andrew Mariani & Rabie Makhoul.

I hope you all had a great Christmas and a happy New Year.

Christine Kemp
ASHRAE Ottawa Valley Chapter
Membership Promotion Chair

Read this:

The Loch Ness Monster decided he had been chased around the loch enough and sloped off for a break to London (swimming unobserved up the river Thames). He slipped into a Soho nightclub and ordered a large whisky - for which he was charged £8. The barman, making conversation as he was supposed to do, commented "We don't get many monsters in here." Nessie snorted (blowing the barman to the other end of the bar in the process) and replied: "At these prices, I'm not surprised."



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TEGA Update
Call for Document Reviews
By Niraj Chandra
Committee Chair

As members of the HVAC industry, we would all like to make a difference to the HVAC world in our own little way. The more years that we have in the industry, the greater is the need to give back to the industry that has sustained us. And there is no better way to do this than by reviewing the standards, guidelines, and handbooks that ASHRAE produces, largely through volunteer efforts.

ASHRAE publications are prepared by committees of ASHRAE members, and, unfortunately, we cannot all be on a committee due to lack of time, or, sometimes, lack of support from our employers. But we can all review the documents, and send our comments to ASHRAE, to make the documents even better.

How many times have you felt that the ASHRAE documents could be written more clearly, or that they could be more user-friendly? Do you agree with everything that is written in the ASHRAE guidelines? Do you think the latest ASHRAE Standard is really a workable document, or will it cost too much to implement? Do you find errors or omissions in the documents when you try to apply them to your work? As a subject matter expert, do you feel the need for more information on specific topics in the ASHRAE Handbooks? Please remember, ASHRAE publications are only as good as you and I want them to be.

So please pick up an ASHRAE document that you use in your area of work, and review it carefully. Then just send your comments to a TEGA committee member, or any of the officers at the ASHRAE Ottawa Valley Chapter, for further action. We will set up a peer review for your comments, and then send your comments to ASHRAE at the Society level.

ASHRAE documents are referenced extensively in codes and regulations throughout the country. They are referenced in all kinds of publications worldwide, and they carry enormous weight in the HVAC industry. So, you can make a difference to your world by reviewing an ASHRAE document today, and making it just a little bit better.

Reporters interviewing a 104-year-old woman: "And what do you think is the best thing about being 104?" the reporter asked.

She simply replied, "No peer pressure."



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Jack Teevens
General Manager



OAA 2006 Conference

By Paul Baker
Past-President 1988-1989

The Ontario Association of Architects (OAA) is holding their 2006 conference in Ottawa this coming May. In collaboration with The Ottawa Regional Society of Architects (ORSA) they are featuring a one day Trade Show at the Aberdeen Pavilion in Lansdowne Park on May 12, 2006 as part of the conference program. The conference is being held in Ottawa to celebrate the Centennial of architecture in Ottawa. In other words 1906 was the first year that an Ottawa building was designed by an Ottawa-based architect.

Why is this of interest to ASHRAE members?

There are 800 architects from all over Ontario expected to attend this trade show. As I pointed out at our September Chapter meeting, it's a chance for Ottawa-based consulting engineers to take a booth and get some face time with the architects from Southern Ontario. When one of those architects is doing work in Eastern Ontario...

For more information contact Paul Baker at Johnson Controls – 831-7671 x224 or paul.b.baker@jci.com or go to the ORSA website – <http://www.orsa.ca>



AHR EXPO
McCormick Place North & South Halls
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The AHR Expo takes place in Chicago, January 23-25, 2006. It promises to be a very successful and entertaining event, and our Chapter plans to sponsor Student participation.

You can link to further details at this URL:


<http://www.ahrexpo.com/>



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I Had a Dream...

by Rod Potter
Editor, Governor, Gopher and Webmaster

I had a dream the other night. I had just completed the most fabulous set of drawings ever imagined, depicting HVAC systems so exciting I could not wait until the project went to tender, just so that I could see the faces of the equipment suppliers light up. And then it went to tender and all sorts of contractors flocked to get sets of prints, impressive as always in their skill and determination to get the costing just right. The tender period started out well with just a few questions... and then the trouble began. It seemed that there was a problem with the equipment suppliers. They had decided that after many years of service to the HVAC industry, it was time to hang up their fan belts, and drop their impellers. Alas, the people we rely on so much for their expertise, advice on selection, and camaraderie, had flown the coop. I started asking why, and I was starting to sweat a little, because my drawings were starting to become blurry. And just then Gary Hartmann walked into the room wearing a Hawaiian shirt, and I woke up with a start (who wouldn't?).

Enough of this drivel you might be saying. What is all of this about then? Well, at the Board of Governors level we have many behind-the-scenes discussions on varied topics, most of which would bore you to tears, but a recent thread has prompted this month's editorial. Recently I decided I would like to know more about a certain brand of heat gain software, having used it for years at client sites, but never actually purchasing a copy directly. Mulling it over, it occurred to me that perhaps I am not the only ASHRAE OVC member who would like to know more about this product, which I believe to be the industry leader of its type. So I suggested to the Board that we ask the local company representative to arrange for a pre-meeting technical session at La Contessa. Possibly we could get about 15-20 members out for this, and the company could send one of their experts up from the States to give the presentation.

This was all going splendidly until a Board member or two started making noises about non-partisan presentations, and conspicuous logos on PowerPoint slide shows. That is to say, it would be quite all right for a company representative to travel all the way up to Ottawa at company expense to display a product that most of us use and rely on, but the presentation *had better not reveal who makes it.*

Ludicrous. I understand the thinking behind non-partisan presentations, i.e. if we get an expert in to talk about pump impeller engineering, he or she is here to talk about that; the fact that he or she might be from Taco is supposed to be irrelevant. But in the case of the software in question, I fail to see the problem with their company name being prominently displayed. After all, it is the industry leader product, everyone I know of uses it happily, and I have never seen a competitor's product that matches it. Perhaps if we were to allow the technical session to take place in an open manner, with the proviso that we as ASHRAE OVC are not backing it in any professional manner, we might end up benefiting in an unexpected way: this could prompt action on behalf of a lesser-known competitor, and we could have a follow-up session by that company.

The email thread on this subject went on for a day or so, and many of us were surprised by the interest shown. I personally have no objection to a company name being proudly displayed during a meeting. Especially if the company has jumped through hoops for our Chapter. Take the example of Trane Ingenia trucking-in an air handling unit at a recent meeting. Kudos go out to Chris Frauley for making sure we were all aware of the effort Trane had made on that day.

(cont...)

FRANK JEFFERIES, P.ENG.
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(...cont.)

If we as a Chapter are to benefit from displays (and indeed knowledge) provided by the equipment suppliers in our field, then in my opinion they should also benefit from the process. I always find it to be a bit of a contradiction to insist that presentations are non-partisan, when the average ASHRAE Journal is filled cover to cover with supplier advertisements.

I have managed to grow a reasonably successful business since I returned to Ottawa back in 1987, and this success is owed to many things, not the least of which is the HVAC community centered around Ottawa. And my HVAC community includes my fellow consultants, CAD guys and gals, equipment suppliers, and contractors. All of us rely entirely on each other in this life. Some might think that fewer air handler salesmen would be a good thing, but I am not quite ready to picture Hartmann and MacLean wearing Hawaiian shirts, off playing golf. But that, of course, is just MY opinion (more's the pity).



*** end of Communiqué ***



(your card here!)

