



# Capital Communiqué

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<http://www.ashrae.ottawa.on.ca> OTTAWA VALLEY CHAPTER e-mail: [contact@ashrae.ottawa.on.ca](mailto:contact@ashrae.ottawa.on.ca)

November 2002

## PROGRAM

DATE: November 19, 2002

THEME: TEGA / Student

PROGRAM: Challenges on the Road to the Integrated Building at the Ottawa Airport and Elsewhere

OVERVIEW: The traditional building with fragmented systems is slowly giving way to a new trend, the Integrated or Smart Building. The presentation will first set out to provide a definition for an Integrated Building and discuss the differences between this and a traditional building. The technical discussion will investigate the technical changes, standards and approaches that you will encounter through the construction of an Integrated Building. The presentation will wrap-up with a discussion of the challenges faced with a Smart Building.

SPEAKER: Keith Glover & Dan Butler, P. Eng.

Keith Glover has over 20 years experience in software development, Project Management and development of web based business solutions in a variety of situations including facilities automation, human resource management, logistics, financial systems, complex technologies for a broad range of industries. Currently Mr. Glover is the IT Project Manager for the Ottawa MacDonald Cartier International Airport Authority new Passenger Terminal Building project. The new terminal building incorporates integrated building and client systems sharing a common fibre optic network.

Mr. Butler graduated from Queen's University with a degree in Applied Science in 1984 and has worked for Marshall Macklin Monaghan since 1987. Dan is a Senior Project Manager leading the airport special systems group. He has over eighteen years of related experience both in airport operation and IT systems design, project management and integration role. His current responsibilities involve implementing state of the art security and information technology systems for Toronto Pearson's \$4.4 billion new terminal project and Ottawa's \$300 million terminal expansion.

PLACE: Capone's Banquet Facility, Nepean Sportsplex, 1701 Woodroffe Ave, Nepean

TIMES: Social: 17:30 Dinner: 18:30 Program: 20:00

### MENU

Lentil Soup with Porchini & Rice  
Sole Veronique in a White Wine Cream Sauce & Grapes  
Saffron Rice & Seasonal Mixed Vegetables. Capones Chocolate Cake

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###### Communiqué

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## Tour

### New Terminal of the Ottawa MacDonald-Cartier International Airport

Tour: 15:30

The Chapter Tour this month will be held before the November 19<sup>TH</sup> Chapter meeting starting at 3:30 PM at PCL's site office at 302 Campbell St. (see map on website).

Please park in the PCL Site parking lot. It is a substantial walk outside from the site office to the New Passenger Terminal Building so dress accordingly.

On site everyone is required to wear safety boots, hard hats and safety glasses with side shields. PCL has some extra safety gear that they are willing to loan but it will go on a first come/first serve basis. In addition, there is a safety requirement that all visitors wear pants or slacks rather than dresses, skirts, or kilts.

For more details please contact Paul Baker at 613-831-7671 x224.

### **PRESIDENT'S MESSAGE**

Students have always had a special place in my heart. They are the ones who will be shaping our profession in the future but today, they need our guidance and encouragement. Student activities night allows them to meet with practitioners and future employers so come to our November Chapter meeting and show them your support. Also, we will be welcoming students from a New Branch, Competences 2000.

We have an exciting tour and program all about the new terminal for the Ottawa Macdonald-Cartier International Airport. Don't forget your safety gear (boots, hard hats and eye protection) if you plan to participate.

Bring a friend, invite a colleague, our program is varied and interesting and the more the merrier! Planning to attend? Please confirm your attendance with the telephone committee or with Sylvia Wallis at EngAir. Notify us too if you have to cancel especially for the meals since we have to pay the caterer for no-shows and that hurts our Chapter finances.

Have a great month and I look forward to seeing you on November 19.

Lan Chi Nguyen Thi, P.Eng.

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## TABLE TOP DISPLAY

BASE Controls Ltd. and will feature state-of-the-art Building Automation Systems. In addition, Controls Depot will be on hand displaying a variety of products which they represent (Belimo, Vulcain, Invensys, etc.).

Open Protocol Building Automation Systems are rapidly becoming a very important part of today's projects. Internet Technology and Open Protocols such as BACnet, LON and Modbus allow clients to benefit from best products as well as make room for competitive bidding. BASE Controls Ltd. offer a complete line of Open Protocol Products as well as multi-system Integration Services.

QueMar will feature the Eco Multi Split system from SANYO. This unique system allows up to 8 fan coils to be connected to a single 72,000 btu/hr condensing unit

For future tabletop presentations please contact Gary Hartmann @ Breck-Mar Sales Ltd.  
Tel: 613-728-0060  
Fax: 613-725-2637  
e-mail: [gary@breck-mar.com](mailto:gary@breck-mar.com)

## ASHRAE OTTAWA VALLEY CHAPTER MEETING LOCATION

Our meeting location is **Capone's Catering** at the Nepean Sportsplex, 1701 Woodroffe Avenue, Nepean. We meet in the "Richmond Room". Enter Capone's from the rear of the Sportsplex at Entrance #4. Parking available at the rear.


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

## WHAT YOU MISSED

The theme of the evening was Research. Appropriately, ASHRAE Research and the process for choosing, evaluating and fulfilling projects was presented by Darryl Boyce from the Society point-of-view, by Gemma Kerr from a technical committee point-of-view and by Gary Lougheed from a researcher contractor's point-of-view.

On the program was the Canadian National Research Council Smoke Management Research Projects on Atria, Plenum Cables and Duct Smoke Detectors.

Dr. Lougheed introduced the membership to the NRC's fire test facility near Almonte and briefly reviewed five research projects in recent years. The continued research results in aiding in design criteria, engineering guidance, improving standards and establishing or updating of building codes.



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## MEMBERSHIP PROMOTION

The Ottawa Valley Chapter would like to welcome Patrick Bouchard, Reda Djebbar, Robert Oakes and Corey Reynolds as new society members to our area, and Francois Belair, Douglas Cathcart, Christine Gaffney, Frederic Laforge and Anwar Syed as new chapter members.

Please try to bring a guest to the next Chapter meeting. Ask a friend, a work colleague, an employee or your boss. Better yet, why not bring that new young person who just started at your office. What better way to introduce them to the people and issues that make our industry tick.

If you need to update your personal and professional information, the on-line form is available at [www.ashrae.org](http://www.ashrae.org)

If you require society and/or chapter application forms, they will be available at the next chapter meeting, or you may contact Robert Lefebvre at 727-5111 or by e-mail at [rlfebvre@gwal.com](mailto:rlfebvre@gwal.com)

Robert Lefebvre, P.Eng.  
Membership Promotion Chair – Ottawa Valley Chapter

## STUDENT ACTIVITIES

### Activities

A visit of the Cliff Street Heating Plant was held on November 1st for the students of the University of Ottawa ASHRAE student branch. Students of Ottawa U, Algonquin College and Competence 2000 are invited to attend the visit of the Ottawa Airport Terminal construction site that is being held this month before the monthly diner on November 19th and also attend the diner. The November diner is the first of two Student Nights.

### Career Fair

Our annual Career Fair for employers and students is being planned for March 2003. Details to follow soon. Any questions or comments, please contact me directly.

### Sponsoring

We are presently looking for additional "sponsors" for our student members. A "sponsor" would typically pick up the member(s), pay for their meal(s) and generally make them feel comfortable at a monthly meeting. This was arranged by some of us in the past and was found to be very beneficial. Please contact me directly if you are interested in being on our "sponsors" list.

### Donating Old ASHRAE Handbooks

If you are interested in making a donation to a Student Branch, please contact me directly to make arrangements. These are very much appreciated. Thank you.

Patric Renault  
Email: [patric@dilfo.com](mailto:patric@dilfo.com)  
Student Activities Chair  
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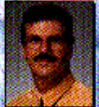
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## How it all started 1949

A dinner meeting was held in Ottawa for those interested in becoming members of the American Society of Heating & Ventilating Engineers (A.S.H. & V.E.) and interested in the formation of a local chapter in Ottawa on the 28<sup>th</sup> of January 1949. Mr. Stotesbury was instrumental in organizing the event with the Montreal chapter members however he was unavoidably called out of town and was unable to attend. Mr. W.B. Pennock was acting chairmen for the evening. The purpose of the meeting was to evaluate the interest for a local chapter and to increase the number of members to at least 20 in order to even think of starting a local chapter. During this meeting the pros and cons of being a member were discussed along with the advantages of local chapter. The meeting was attended by 7 society members and 14 guests, all 14 guests were interested in becoming society members. Mr. Watson read the correspondence that Mr. Stotesbury had organized with the help of the Montreal chapter and secretary of the ASHVE in New York City. This information outlined the procedures for forming a chapter, membership fees and application forms. Mr. Stotesbury would organize the necessary new member applications, have them seconded by the council of the Montreal Chapter and sent to Society before any further actual application be made for a local Ottawa chapter. A motion was passed to allow Mr. Stotesbury to organize his own committee and carry out the work required to apply for a local chapter.


This meeting would lay the frame work for the formation of the Ottawa Valley Chapter of ASHVE and as we know it today the Ottawa Valley Chapter of ASHRAE.

Key events in Ottawa History during this year:

Prime Minister: Louis St. Laurent (1948-57) Liberal

Canadian Dollar: \$0.99US (1949)

Date	Event
1941	First National Building Code in Canada.
June 19th 1942	Planning began for Carleton College (later Carleton University).
1945	World War II ends.
1946	First automatic general purpose computer is constructed ENIAC.
January 6th 1947	Canadian Citizenship became law; Mackenzie King received the first certificate.
April 1st 1947	Bradings Brewery warehouse burned down.
May 3rd 1947	CFRA radio station, under Frank Ryan, began broadcasting.
February 28th 1948	Ottawa RCAF Flyers won Olympic Hockey Championship.
November 27th 1948	Toronto - Calgary Stampeders beat Ottawa Rough Riders 12-7 in the 36th Grey Cup.
1948	Truman abolishes racial segregation in U.S.
May 7th 1949	Ottawa Senators hockey team won the Allan Cup.
1949	Nineteen Eighty Four by George Orwell is on the book stands.
February 25th 1950	Approval given to transform Sparks Street into a pedestrian mall.
April 21st 1951	Greber Plan for the Federal District (now the NCC ) approved.



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