



Capital Communiqué

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

April 2004

PROGRAM

DATE: April 20, 2004
THEME: **Membership**
PROGRAM: **Filtration Design for Health Care Facilities**

The evening program will be reviewing current air quality challenges, design criteria and life cycle costs related to the health care industry.

SPEAKER: Michael Dobbs, Camfil Farr

Michael graduated from Ryerson University (Business) in Toronto and started his sales and business career with Farr Company in 1980. In 1983 Michael left Farr to start his own filter manufacturing company in Toronto (Delcon Filtration Inc), which was acquired, by Camfil and eventually Farr.

Michael is responsible for all HVAC/HPP sales in Canada and is also the Business Unit manager for the Automotive Business in North America. Michael spends a significant amount of time visiting our clients throughout North America and is often asked to speak publicly. In the past Michael has had the pleasure of addressing meetings sponsored by the following organizations: ASHRAE, BOMA, IES, and IPE.

MENU

Baby spinach salad with mushrooms and walnuts in a citrus vinaigrette, Chicken parmigiana served with tomato basil bow ties, Fresh seasonal vegetables, Rolls & Butter, Coffee & Tea, Fruit tart

2003 –2004

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Publicity

Mike Derouin

Table Top

Gary Hartmann

Telephone

Cathy Godin

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PRESIDENT'S MESSAGE

The theme for our April meeting is Membership. Membership in ASHRAE Society allows access to information about current HVAC&R technology, access to standards projects committees, which are responsible for the development of standards, and access to technical committees that advise Society on research needs, emerging technologies, and technical matters. Participation at the local ASHRAE Chapter level provides an opportunity for members to become involved in Society at the local level, to further their knowledge of the HVAC&R industry, network with others in the same industry, mentor younger members and contribute to their industry through Chapter programs.

As Chapter members, we are all associated with the Membership Committee. I would encourage everyone to bring a colleague out to the meeting and promote the benefit of ASHRAE both at the Society level and at the Chapter level.

We have an exciting program planned for the April meeting. I hope to see you there.

Jason MacMurdo, P.Eng.
 Ottawa Valley Chapter President 2003-2004

TECHNICAL SESSION

Place: Nepean Sportsplex
 Time: 4:00 pm, April 20, 2004

Glenn MacLean of Engineered Air will be doing a presentation on UV and Oxidation as it pertains to indoor air quality.

AIR CONDITIONING VENTILATION AIR CLIMATE



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TABLE TOP DISPLAY

Purafil Inc. provides clean air solutions by improving IAQ, preventing odours and reducing energy costs. Purafil Inc. are world leaders in the research and manufacture of gas phase air filtration systems with more than 20,000 installations in over 60 countries. Applications include commercial facilities such as schools, government buildings, office buildings, hospitals, airports, museums and libraries.

Walmar Ventilation Products is proud to present "EXHAUSTO" mechanical draft systems. "Because equipment rooms and boiler rooms need to breathe." Superb draft control and improved boiler efficiency.

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

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 **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 is available at the rear.

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

WHAT YOU MISSED

The technical session in March featured a tour of National Research Council's Cogen System and Absorption Chiller, located at 1500 Montreal Road. The tour visited the turbine, heat recovery boiler and boiler plant. It also discussed various issues on Cogen including design considerations.

The evening program session was a presentation on Absorption Chillers presented by Joel Primeau and Dave Eaton of Trane Ottawa. The presentation reviewed the fundamentals of the Vapor Compression Cycle and the Absorption Cycle, followed by a description on how absorption chillers work. A number of other factors were discussed including design considerations, applications, case studies, types of absorption water chillers, COP (coefficient of performance), control issues, operation and maintenance.

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UNAUDITED BALANCE SHEET FOR 2002/2003

| Item | Income | Expenses |
|---------------------------------------|--------------------|---------------------|
| Business Card Ads | \$ 4,725.00 | |
| Meals & Meal Plans | \$12,250.00 | \$15,014.02 |
| Membership Dues | \$11,224.30 | \$ 250.00 |
| Special Events | \$23,508.25 | \$19,695.89 |
| Table Top | \$ 1,400.00 | |
| Student Affairs | | \$ 430.00 |
| GST (recoverable) | | \$ (320.48) |
| Annual Chapter Expenses | | \$ 318.49 |
| CRC 2002 | | \$ 7,796.91 |
| BOG | | \$ 139.06 |
| Regional Fund / CRC Seed | | \$ 588.00 |
| Speaker's Gifts, Accom. | | \$ 709.22 |
| Homepage | | \$ 288.37 |
| Photography | | \$ 362.25 |
| Roster | | \$ 2,215.59 |
| Total | \$53,537.55 | \$ 47,057.32 |
| Net Profit for 2002/2003 | | \$ 6,480.23 |
| Balance forward from 2001/2002 | | \$ 10,602.10 |
| Net Balance from 2002/2003 | | \$ 17,082.33 |

MEMBERSHIP PROMOTION

March is one of the Chapter's Membership promotion nights. I encourage you to bring a guest and introduce them to our Chapter and the many advantages of being an ASHRAE member and a local chapter member. Our Industry is changing the products and the systems, and the design configurations are always being improved. By attending a meeting you may pick-up on a new product at the tabletop, attend a tech tour on a new building system, or learn about a new trend in the HVAC & R industry. As a minimum you will meet a few new people involved in our industry.

ASHRAE president Richard Rooley's theme this year is "The Community of ASHRAE". As engineers, designers, sales & manufacturing and utilities, we need to communicate with each other to do our jobs. ASHRAE and the Chapter provide that common link.

I will be presenting a brief overview of ASHRAE and what it offers. I look forward to seeing you at the Chapter meeting this month.

Frank Bann P.Eng. , Vice Chair, Region II, ASHRAE Membership Promotion, Tel: (613) 727-5111 Ext. 224

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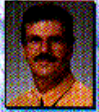
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VENTILATION & FILTRATION PRODUCTS

ASHRAE CURLING BONSPIEL 2004

The 2004 ASHRAE Curling Bonspiel was held on March 19th at the Nepean Sportsplex. The lucky winners were the team from Longhill Energy. Our thanks go out to Capone's catering for a great meal, Stan Milross for being the emcee, and of course to all who donated prizes. A good time was had by all - hope to see you next year!

Thanks,
Christine Kemp

Calling All Designers and Owners MILTON W. GARLAND COMMEMORATIVE REFRIGERATION AWARD FOR PROJECT EXCELLENCE

The Ottawa Valley Chapter is actively seeking nominees for this prestigious award. The award shall be made to both the designer and the owner of a non-comfort cooling refrigeration application that highlights innovation and/or new technologies.

The Milton W. Garland Commemorative Refrigeration Award is open to all who think their projects have achieved some distinction. Projects may be submitted by the designers, architects, engineers, owners or suppliers and must be submitted within thirty-six months of the initial operation date of the system.

If you have a potential nominee or other questions, please contact Cathy Godin for additional submittal criteria. This is a great opportunity to showcase your refrigeration project design.


cathy.godin@genivar.com



David Fanset
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