

Capital Communiqué

AMERICAN SOCIETY OF
HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS

NOVEMBER 1994

PROGRAM

DATE: November 15, 1994
THEME: MEMBERSHIP
SPEAKER: VIC DICICCIO, Vice-President
 Information Technology Research Centre
 Universities of Waterloo, Toronto, Queen's, Western

Vic DiCiccio is the Vice-President of ITRC, the Information Technology Research Centre, an Ontario Centre of excellence which links university researchers with industry to enhance Ontario's competitiveness. He is an electrical engineer who works with computer researchers to understand emerging technologies in software, telecommunications and human empowerment through information technology.

SUBJECT: INFORMATION HIGHWAY

As computing hardware becomes a commodity, telecommunications speeds increase and software companies grapple with shortened product development cycles, everyone looks to the arrival of the information highway to spur the dawning of the new information economy. Advances in computer visualization, personal communications, multimedia and intelligent agents excite users and create demand for information highway services.

This presentation discusses how our dreams for information highway services might succeed or flounder, depending on our combined foresight. Policy-makers must have the wisdom to look beyond the near-term information highway services emerging from several information technology subsectors, and drive towards a truly effective information highway. Some of the pitfalls along the way will be presented.

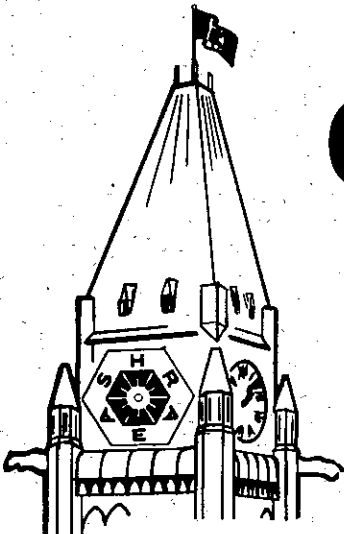
MENU

Hot & Cold Buffet
 Baked Tourtières
 Baked Ham en crouete - Mustard Sauce
 Roast Potatoes
 Tossed Greens
 Creamy Potato Salad
 Pasta Vegetable Salad
 Fresh Vegetable Tray
 Chocolate Amaretto Mousse


SOCIAL - 17:30 Hrs
DINNER - 18:30 - 20:00 Hrs
PROGRAM - 20:00 Hrs

Phileas Fogg Metropolitan House
 99 Bank Street, MacDonald Room

TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR




- President**
Pierre de Gagné
- President-Elect**
David Eastwood
- Secretary**
Gemma Kerr
- Treasurer**
Karen Peck
- Past President**
Ross McIntyre
- Governors**
Allison Johns
Pierre Scott
Randy Cavill
James Mills
Lan Chi Nguyen Thi
- COMMITTEES**
- CRC '94**
Guy Bourbonnière
- Program**
Andrew Bogdanowicz
- Membership**
Dalton McIntyre
- Telephone**
Mike Swayne
- Education**
Frank Bann
- Technical / Energy**
Phil Mayfield
- Government Activities**
Gabriel Laszlo
- Chapter Historian**
Paul Baker / Phil Mayfield
- Refrigeration**
Neil Armstrong
- Research**
Ross McIntyre
- Special Events**
Chris Healey
- Publicity**
Pierre Scott
- Communiqué**
Rod Lancefield
- Greeters**
Roy Brown
- Al Oakes Award**
Ross McIntyre
- Roster**
Michael Fancy
- Table Top**
James Mills




RODERICK J. LANCEFIELD, P.Eng.
Territory Manager
Central Region

CARRIER CANADA LIMITED
1483 Coldrey Avenue, Ottawa, Ontario K1Z 7P8
Tel: (613) 725-3888 Fax: (613) 725-9706



RANDY CAVILL, C.E.T.
Vice-President

TEL: (613) 225-9774 FAX: (613) 225-2972
24 GURDWARA ROAD, NEPEAN, ONTARIO. K2E 8B5



JOHN R. McANINCH, P.Eng.
PRESIDENT

(613) 591-7505 Fax: (613) 591-1523

PRESIDENT'S MESSAGE

One of my goals for the chapter this year was to see 10 percent more people out at the chapter meetings. I thought a combination of steady and well planned programs together with the improving economic climate would make this a reasonable target.

So far so good! The October meeting saw 98 people show up. Chapter membership growth is ahead of last year. If only the greed crisis that has paralyzed the professional sports world would continue, we might top 100 for the November meeting!

But seriously, its a comfortable kind of upward spiral. The better the program, the better the chance you walk away from the meeting with some up to date knowledge you can use to help your business adapt and progress. The more people show up, the better the chances are you meet who you wanted to meet and the exchange or networking has more potential.

Staying up to date is not easy in any industry and the professional development potential which active ASHRAE membership offers is steadily escalating in value.

It's too easy to sit back and just do things the way we did for the last job, justifying gross over design by saying "it's not rocket science", avoiding learning about newer technology by saying it's unproven, or not taking the time to listen to how a customer or client's requirements and expectations could be different. Delivering indoor and artificial environments that work, and exceed expectations, has got to be everyone's goal.

If you like what you see in this second edition, "new look", Capital Communiqué, let Rod Lancefield and Randy Cavill know - they made it happen. If you don't like it, let me know, since it was my idea. Any constructive suggestions and you could be the next editor!

Pierre de Gagné

TOUR

WHERE: CANADA POST HEADQUARTERS
Heron Road & Riverside Drive

WHEN: TUESDAY, NOVEMBER 15, 1994 - Meet in Lobby
Tour of the mechanical systems in the new towers as well as a video presentation of the National Control Centre. This hi-tech NASA style, control room tracks mail across Canada. Pay parking available.

Technology for a Better Environment



Centennial
1894-95 ~ 1994-95

CHAPTER DOES NOT ACT FOR SOCIETY




ASHRAE, Ottawa Valley Chapter Board of Governors
can be reached at P.O. Box 21088, 151 2nd Avenue, Ottawa, Ontario K1S 5N1

Publication deadline is the first Tuesday of each month

The Editor- Rod Lancefield

Fax: 725-9706


Phone: 725-3888

**Les Contrôles
Bernard Méthot inc.**
Control Specialist

MICHAEL McNAMARA Eng.

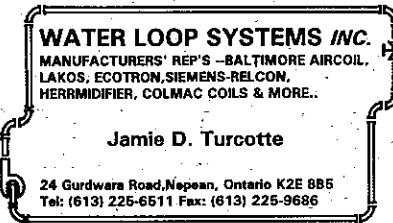
8529 rue Lafrenais, St-Léonard Québec H1P 2B3
Tél.: (514) 322-4244
Fax: (514) 322-4248



H.V.A.C. Services Ltd.
Quality Service Since 1933
Brian A. Francis
President

- Heating
- Ventilation
- Air Conditioning
- Maintenance Plans
- Boiler Maintenance
- Duct Cleaning
- Design/Build
- REVCQ Service Dealer
- Refrigeration
- Ultra-Low Freezers

29 Cleopatra drive, Nepean, Ontario, K2G 0B6
Tel.: (613) 723-4700 Fax: (613) 228-9030
Direct Service Lines: (613) 723-7869
24 Hour Emergency Service, 7 Days a Week



WATER LOOP SYSTEMS INC.
MANUFACTURERS' REP'S - BALTIMORE AIRCOIL,
LAKOS, ECOTRON, SIEMENS-RELCON,
HERRMIDIFIER, COLMAC COILS & MORE..

Jamie D. Turcotte

24 Gurdwara Road, Nepean, Ontario K2E 8B5
Tel: (613) 225-6511 Fax: (613) 225-9686



**Goodkey, Weedmark
& Associates (1985) Limited**
1749 Woodward Drive
Ottawa, Canada, K2C 0P9
Tel. 613-727-5111
Fax 613-727-5115

G.F. Carscallen, P.Eng.
President
Consulting Engineers



- VENTILATION
- HEATING
- AIR CONDITIONING

TRIWAY SHEET METAL CO. LTD.

MNFG. - Duct, Spiral, Flex

114 WILLOWLEA ROAD
CARP, ONTARIO
K0A 1L0

TEL. (613) 831-8777
(613) 831-8776
FAX. (613) 831-8778



DISTRIBUTORS OF HEATING, AIR CONDITIONING & VENTILATION

Patrick (Pat) Durkin

857 BOYD AVENUE
OTTAWA, ONTARIO K2A 2C9

FAX: (613) 728-4377
TEL: (613) 728-5586

CHAPTER NEWS

TELEPHONE COMMITTEE NOTICE

If you plan to bring any guests to this or any future meetings; please help out our telephone committee by advising the telephone committee caller. If you have not been receiving a phone call prior to the meetings, please advise Mike Swayne at telephone number 828-2000 or fax at 828-1011.

TABLE TOP DISPLAY

This month's representatives of "Ted Digel Sales" and Louis Thibault of "Magnatek" will be displaying a wide selection of Magnatek GPD variable speed drives. The GPD product lines include ratings from 3/4 to 500 H.P., variable and constant torque ratings, 230/460/575 volt ratings, bypass packages and serial communications.

Contact Jim Mills at 828-2000 for more information on presenting a table top display at upcoming meetings. The 1994-1995 rate is unchanged from last year at \$100.00 per display.

SPECIAL MEALS

We have been informed individual meals can be prepared for members and guests having special dietary requirements or requests. The catering office can provide meals suitable for diabetics, no pork, vegetarian, etc. Please note that a minimum of 24 hours notice to the catering office is necessary. Arrangements can be made through the telephone committee each month.

Our thanks to Morrison Lamothe catering staff for making this possible.

MEMBERSHIP NOTICE

Please be advised that as of January 1995, the Capital Communique will only be mailed to chapter members. If you have not yet signed up to become a chapter member, do so now so that you do not miss out on our upcoming mailings.

If you require a new Chapter registration form contact Karen Peck at 733-9781. Society registration forms are available from Dalton McIntyre at 523-1651.

MEMBERSHIP PROMOTION DRAWING

Two prizes, consisting of chapter membership dues for 1995-96 will be drawn at the January 17, 1995 chapter meeting.

One drawing will be from all new ASHRAE members, including those whose applications have been sent to Atlanta by December 15, 1994. (A copy of page 4 of the application form will be required for those mailed after November 15).

The other drawing will be from those chapter members who were responsible for these candidates becoming ASHRAE members. New members will be contacted to determine who qualifies for this draw. A chapter member can have more than one chance to win, if named by two or more new members.

ASHRAE OTTAWA VALLEY CHAPTER - MEETINGS SCHEDULE 1994 / 1995

January 17	Student Night	Biodome - Joan Falcon	Pumps/Fans - Fundamentals
February 21	Refrigeration	Compressors - Types/Technology	Update on CFC - John Smale
March 21	Government Affairs & Research	Ontario Building Code - Building Energy Requirements	ASHRAE 90.1 Electrical / Mechanical Aspects
April 18	Energy	Commissioning of EMCS, Third Party Financing	1/2 Day Seminar
May 16	History	Heritage Buildings History of Carrier Corp	Tour of an Historical Building

Guy H J Bourbonniere P Eng
Sales Engineer



TRANE

Trane Canada
1745 Courtwood Crescent
Ottawa, Ontario K2C 3J2
Tel 613 226 1810
Fax 613 226 5852



COMMERCIAL VENTILATION

Downcom Sheet Metal Ltd.

Box 1311, 3837 McBean Street
Richmond, Ontario
K9A 2J0

Dan Downey

Shop - 838-3252
Res. - 838-4019
Fax - 838-4316

K L I M A R

AGENCY INC. FOR DRY, 15 CONSULTANTS AND TRADES

I. Erik Waleslak, M.Sc.

WIRBO • SPINOVIT • ELGE

1378 LAPERIERE AVE. SUITE 400
OTTAWA, ONTARIO
K1Z 7S3

PHONE (613) 729-1734
FAX (613) 798-1986



TEL: (613) 228-0190
FAX: (613) 228-0208

MECHANICAL TRADE SALES

TIM WHALEN
32 Grenfell Cres., Nepean, Ontario K2G 0G2

BRECK-MAR

Sales and Service Ltd.
Specialists in Heating, Ventilation, Air Conditioning
Engineering Sales and Service

Doug Breckenridge, P.Eng.

1550 Laperrriere Avenue, Tel. (613) 728-0060
Ottawa, Ont. K1Z 7T2 Fax: (613) 725-2637



**CLEMANN
LARGE
PATTERSON
CONSULTING ENGINEERS**

1150 Morrison Drive, Suite 400, Ottawa, Ontario K2H 8S9
Tel.: (613) 828-2000 Fax: (613) 828-1011

PROFESSIONAL DEVELOPMENT

Increase Your Professional Knowledge
Keep Abreast of Changing Technologies

Attend ASHRAE's
Professional Development Seminars (PDS)

"AIR SYSTEM DESIGN AND RETROFIT"

November 15 - 16, 1994

"WATER SYSTEM DESIGN"

November 17 - 18, 1994

in Montreal, PQ

For a complete program brochure and registration information contact **Laura Tracy**, at ASHRAE Headquarters (404) 636-8400, Fax (404) 321-5478

Increase Your Professional Knowledge
Keep Abreast of Changing Technologies

Attend ASHRAE and SFPE's
Professional Development Seminar (PDS)

**"DESIGN OF
SMOKE MANAGEMENT SYSTEMS"**

November 10 - 11, 1994
Toronto, ON

For a complete program brochure and registration information contact the Registrar at SFPE Headquarters (617) 482-0686, Fax (617) 482-8184.

SOCIETY NEWS

PHILADELPHIA

A time capsule containing materials representative of the development of refrigeration and air-conditioning technology through 1954 was opened by members of the American Society of Heating, Refrigerating and Air-Conditioning Engineers on October 12, 1994, during a special ceremony celebrating the 100th anniversary of the organization's founding. The ceremony took place at Philadelphia's Franklin Institute where the capsule had been dedicated nearly 40 years ago.

Among the advances described was the "phenomenal" growth of a chemical DuPont was calling the ultra-modern refrigerant, Freon-22. A microfilmed edition of the 1953-54 technical reference book of the American Society of Refrigerating Engineers revealed that for the first time "air conditioning" had been added to the book's title, reflecting increased demand for comfort conditioning.

ASHRAE'S 1995 WINTER MEETINGS

ASHRAE's 1995 Winter Meeting technical program will feature 138 papers presented in 4 technical sessions and one poster session, 24 symposia featuring 91 papers, 51 seminars and 35 forums. With its 115 total sessions, the 1995 Winter Technical Program is the largest in the Society's 100 year history.

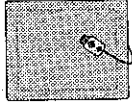
The Society will celebrate its Centennial at this meeting.

Registration for the ASHRAE meeting is \$275 (\$215 ASHRAE member fee). To register, contact ASHRAE Customer Service 1-800-5-ASHRAE (U.S. and Canada) or 404/636-8400 (worldwide).

The 1995 International Air-Conditioning, Heating, Refrigerating Exposition, co-sponsored by ASHRAE and the Air-Conditioning and Refrigeration Institute, will take place during the Society's Winter Meeting, January 30 - February 1, at McCormick Place in Chicago. For more information on attending the Exposition, contact International Exposition Company, 15 Franklin Street, Westport, CT 06880, telephone 203/221-9232, Fax 203/221-9260.

RODDERS
COMPUTER-AIDED SOLUTIONS

Roderic Potter
HVAC/CAD Designer
286a Dalehurst Drive
Nepean, Ontario K2G 4E4
Tel/Fax (613) 727-1917
Pager (613) 598-6131



LANDIS & GYR

Landis & Gyr Powers, Ltd.
2435 Holly Lane
Ottawa, Ontario
K1V 7P2
613.733-9781 FAX 613.737-4985

Toronto Ottawa Calgary

Smith and Andersen
Consulting Engineering

200 First Avenue
Ottawa, Ontario K1S 2G6

Tel 613/230.1166
Fax 613/230.2598

THIRTY-FIFTH
ANNIVERSARY

