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# Communiqué

AMERICAN SOCIETY OF  
 HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS

JANUARY 1997

## PROGRAM

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- Al Oakes Award*  
David Eastwood
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Subash Vohra
- CRC Action*  
Karen Peck

**DATE:** January 21, 1997  
**THEME:** EDUCATION  
**SPEAKER:** DAVID BRADLEY, P.Eng.,  
 Account Executive, Landis & Staefa

David recently came to Ottawa from the Hamilton office of Landis & Staefa, where he had been an account executive and a design engineer since 1991. He was involved with a variety of building automation projects in schools, health care facilities, manufacturing plants and office buildings from design to final commissioning.

After graduating from the University of Western Ontario with two bachelor's degrees in Mechanical Engineering and Economics, he worked in the Netherlands for a well-known consulting company as a designer.

David is a member of the Professional Engineers of Ontario and ASHRAE, where he is the new Student Activities chair for the Ottawa Valley chapter, a position he used to hold in the Hamilton chapter.

**SUBJECT:** DIRECT DIGITAL CONTROLS RETROFIT PROJECTS





When is a good time to replace pneumatic controls with DDC? How should we go about modernizing or consolidating our existing buildings controls? David will answer all these questions and more as he discusses a number of successful controls retrofit projects at Bell Canada facilities in southwestern Ontario.

## MENU

Tossed Salad with Choice of Dressing, Potato Salad, Coleslaw, Bean Salad,  
 Glazed Chicken, BBQ Beef Ribs, Vegetarian Pasta, Rice Pilaf  
 Dinner Rolls and Butter, Assorted Pastries and Squares, Coffee and Tea  
 Buffet dinner with served dessert and coffee

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

Hellenic Banquet and  
 Conference Centre  
 1315 Prince of Wales Drive

 <p><b>RODERICK J. LANCEFIELD, P.Eng.</b> Territory Manager Capital Region</p> <hr/> <p><b>CARRIER CANADA LIMITED</b> Baxter Centre, 1050 Baxter Road, Ottawa, Ontario K2C 3P1 Tel: (613) 820-7610 Fax: (613) 820-9462 Watts: 1-800-551-8385 Cel: (613) 761-2760</p>	 <p><b>WALMAR VENTILATION PRODUCTS</b> MANUFACTURERS, AGENTS &amp; DISTRIBUTORS</p> <p><b>RANDY CAVILL, C.E.T.</b> Vice-President</p> <p>TEL: (613) 225-9774 FAX: (613) 225-2972 24 GURDWARA ROAD, NEPEAN, ONTARIO. K2E 8B5</p>	 <p><b>MODERN MECHANICAL INC.</b> MECHANICAL CONTRACTORS &amp; ENGINEERS</p> <p>John R. McAninch, P.Eng. PRESIDENT</p> <p>85 Denzil Doyle Court, Kanata, Ontario K2M 2G8 Tel.: (613) 591-7505 Fax: (613) 591-1523 e-mail: modernmech@igs.net</p>	 <p><b>X-L-AIR SERVICES</b> CONT</p> <p>1357 Second Line Road Fax: 613-839-1803</p>
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## PRESIDENT'S MESSAGE

Our theme this month is Education. ASHRAE is a world leader in HVAC&R engineering, with a proven track record developing standards, guidelines and procedures. This didn't happen by accident, but through knowledge and hard work on the part of the Society and Chapter members. The present is in our hands, but the future is in the hands of our student Chapters. So let's welcome and support our student members.




We have a second theme - Awards. I am forever being reminded in different ways how much of the work of running the Chapter is done by OTHER PEOPLE, including the Board of Governors, Committee Chairs, committee members and occasional volunteers. This collaborative effort has yielded a Chapter that we can both be proud of and enjoy. This month, with the Al Oakes Award, we will be recognising someone who has helped to make it that way.

Your President,  
Gemma Kerr

## TECHNICAL SESSION

**TOPIC:** HVAC Controls basics  
**WHERE:** Hellenic Center  
**WHEN:** 5:00 p.m.  
**SPEAKER:** Paul Baker, Johnson Controls

Paul will give a 45 minute presentation on the basics of HVAC controls. This technical session is geared primarily for students, but consultants, suppliers, contractors and owners would all benefit from attending this event. This session will be a perfect introduction to the evening's main discussion on DDC retrofit projects.

 <p><b>METHOT</b> HEATING • INSTRUMENTATION • MECHANICAL</p> <p>1060 boul. Michèle-Bohec Suite 101 Blainville, Québec J7C 5E2</p> <p>Tel: (514) 433-9878 Fax: (514) 433-6866</p> <p><b>Michael McNamara,</b> P.Eng. ext. 27</p> <p>1-800-METHOT-2</p>	 <p><b>H.V.A.C. SERVICES LTD.</b> Quality Service Since 1933</p> <p><b>Brian Francis</b> President</p> <p>148 Colonnade Road, Unit 11, Nepean, Ontario K2E 7R4 Tel.: (613) 723-7869 Fax: (613) 723-1499 24 Hour Emergency Service, 7 Days a Week</p> <ul style="list-style-type: none"> <li>• Heating</li> <li>• Ventilation</li> <li>• Air Conditioning</li> <li>• Maintenance Plans</li> <li>• Boiler Maintenance</li> <li>• Duct Cleaning</li> <li>• Design/Build</li> <li>• REVO Service Dealer</li> <li>• Refrigeration</li> <li>• Ultra-Low Freezers</li> </ul>	<p><b>WATER LOOP SYSTEMS INC.</b></p> <p>Manufacturers' Representative for: Baltimore Aircoil, Lakos, Ecotron, Siemens-Relcon, Hermidifier, Colmac</p> <p>24 Gurdwara Road, Nepean, Ontario, K2E 8B5 Tel: (613) 225-6511 Fax: (613) 225-9686</p>	<p><b>InAIR Envi</b> Indoor Air Investi</p>  <p><b>Lan Chi Ng</b></p> <p>183 Stanley Avenue, Phone: (613) 745-34</p>
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### STUDENT NIGHT

ASHRAE has always been a strong supporter of students and the Ottawa Valley Chapter continues this tradition of helping students of all ages learn more about the world of HVAC. We support a number of student activities from Kindergarten to post-graduate studies. ASHRAE engineers and technologists will soon visit Ottawa classrooms to help young students solve the ventilation and air quality problems of a fictitious martian city called Marsville, and even more we will be promoting our profession during Engineering week. We continue to support two very active student branches at Ottawa University and Algonquin College, and will soon create a branch at Queen's University in Kingston. We also offer scholarships to deserving college and university students. We financially support summer engineering camps for high school age students.

We are very proud to welcome many of our students to this month's meeting; most are Ottawa University Branch members. The February meeting will also be a student night where most of the students will come from our other chartered branch at Algonquin College. We encourage all members to mix and mingle with our students, find out about their interests and concerns, tell them about your work, discuss specific projects with them. This is one of few opportunities these students have to meet engineers in their field of interest.

We would also appreciate your financial support by buying our Senators Hockey Raffle tickets (1 for \$5 or 3 for \$10), we have more than a half dozen pairs of tickets to draw. All proceeds go to support student activities and this is our only fundraising drive of the year. We, or more specifically the students we support, thank you for your support.

### BOG BULLETIN

- There is enough interest in ASHRAE at Queens University that we can move ahead with setting up a student branch there.
- Our Chapter program for this year is being published in the PEO newsletter.
- The debate on chapter meal and mealplan prices for next year continues...

### ASHRAE CURLING

Booked for March 28, 1997, details to follow in next month's Communique.

### TABLE TOP DISPLAY

CANCOIL is one of the leading North American manufacturers of Refrigeration, Air Conditioning and Ventilation systems and OEM Coils. The Company designs, manufactures and markets a wide range of products for commercial, industrial and institutional uses. Some typical applications of CANCOIL products are in food processing, refrigerated warehouses, supermarkets, convenience stores, schools, hospitals, restaurants, health clubs, computer rooms and telephone exchanges. CANCOIL manufactured coils are used by several OEM's in USA and Canada.

Please contact Randy Cavill at tel. 225-9774, if you are interested in presenting a table top display at future meetings. The 1996-97 rate is unchanged from last year at \$100.00 per display.

### ADDRESS CHANGES

If you have any address changes, please notify Atlanta as soon as possible.

The new toll-free number for ASHRAE Society is 1-800-5-ASHRAE (1-800-527-4723). You can use it for a variety of services including general information, same-day address changes and credit card payment of membership dues, meeting registration or bookstore purchases.

### AL OAKES AWARD OF EXCELLENCE

The Al Oakes Award is presented in memory of Mr. Al Oakes. The award is generally presented annually to a member of the ASHRAE Ottawa Valley Chapter to recognize the recipient's dedication and service to the Chapter & ASHRAE in the spirit of Al Oakes, with a flare of enthusiasm, humour, leadership and inspiration for others. The Al Oakes Award for 1995 - 1996 will be presented at the January Chapter Meeting.

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### WHAT YOU MISSED

- Lydia Renton of Nortel Semiconductors, presented a case study: The Retrofit of a Chemical Process area to create offices.
- Early Bird Student Raffle.
- Membership Promotion Night

### IN MEMORIAM

**MAURICE (MIKE) ACTON, P.ENG.**, Life Member and Chapter Past President (1979-1980) passed away on November 11, 1996 in Ottawa after fighting a long and courageous battle with cancer. Mike was a respected contractor in Toronto, Vancouver and Ottawa, having worked at CIMCO, Sayers and served at Public Works Canada. He will be sorely missed by his family, friends and colleagues.

### ASHRAE 1997 WINTER MEETING

This will take place 25-29 January in Philadelphia. If you are interested in attending the conference (over 100 sessions), Technical Committee meetings or THE TRADE SHOW, better get your hotel room booked soon, space is running out.

Don't forget the Region II Dinner, where you can get together with friends from Halifax to Windsor. This will be held on Monday night, 27 January. To get more information or to book in large parties for the dinner, get in touch with Darryl Boyce, phone: 519-661-3302, Fax: 519-661-3801

### ENVIRONMENT CANADA SERVICES

Environment Canada collects and publishes weather and outdoor contaminant data that a number of us use on a regular or occasional basis. The department would like ASHRAE Chapters to provide some feedback on the usefulness of the data, and whether the prices are reasonable. Information on publications, services and where to send comments can be found on their web site at <http://www.cmc.ec.gc.ca/indexe.html>. Or call Gemma Kerr at 745-3493 for the hardcopy version.

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