

# Capital Communiqué

AMERICAN SOCIETY OF  
HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

NOVEMBER 1995

## PROGRAM

**DATE:** NOVEMBER 21, 1995  
**THEME:** MEMBERSHIP NIGHT  
**SPEAKER:** IAN STEWART, B.Eng., Construction Manager

Ian obtained his Bachelor of Engineering degree and is a member of PEO. After graduation Ian worked on small projects where he was groomed into a successful Project Manager from 1971 to present.

Ian was the Construction Manager on the \$70 million project at the Ottawa World Exchange Plaza, various commercial and institutional project in the Northwest Territories and the \$450 million Walter C. MacKenzie Health Sciences Centre in Edmonton from 1979 to 1991.

Ian has been the Construction Manager on the \$120 million Ottawa Senators Palladium in Kanata, Ontario from 1991 to present, and is an ideal speaker for this month's topic.

**SPEAKER:** DENIS J. WEITZEL, P.Eng., Director

Denis obtained his Bachelor of Mechanical Degree from Carleton University in 1976, and is a member of PEO.

Denis is presently the Chief Engineer (Mechanical) of J.L. Richards & Associates, responsible for all respects of the operation of the mechanical department including: customer service, quality control, project delivery and interdiscipline coordination.

Responsible for mechanical design and specifications, preparation of construction budgets and the administration of multi discipline projects on a departmental, industrial, commercial and institutional fields for new and existing facilities. Specializes in environmental control for laboratory and industrial operations.

Recent experience includes projects for Canadian Marconi Company, Ottawa-Carleton Regional Transit Commission and Ministry of Government Services (Ontario), Department of National Defence and the Ottawa Palladium.

**SUBJECT:** OTTAWA PALLADIUM: PROJECT REVIEW FROM CONCEPTION THROUGH CONSTRUCTION WITH MECHANICAL TECHNICAL DESIGN REVIEW

## MENU

Tossed Salad with Italian Vinaigrette, Potato Salad, Coleslaw, Roast Beef  
 Chicken Cacciatore, Rotini with Tomato Sauce, Rice Pilaf, Vegetables,  
 Rolls and Butter, Belgian Chocolate Mousse Cake, Coffee and Tea

**SOCIAL - 17:30 Hrs**

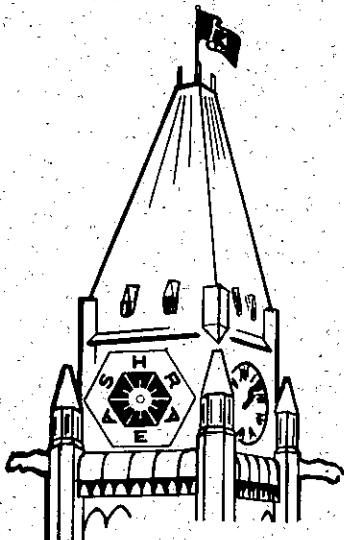
Hellenic Banquet and

**DINNER - 18:30 - 20:00 Hrs**

Conference Centre




**PROGRAM - 20:00 Hrs**

1315 Prince of Wales Drive



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Rod Lancelfield
- Greeters**  
Lan Chi Nguyen Thi
- Al Oakes Award**  
Pierre de Gagné
- Roster**  
Robin Craig
- Table Top**  
Jim Mills
- Nominations**  
Frank Bann
- PAOE Program**  
Gemma Kerr

TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR

 <p><b>RODERICK J. LANCEFIELD, P.Eng.</b> Territory Manager Central Region</p> <hr/> <p><b>CARRIER CANADA LIMITED</b> 1463 Coldrey Avenue, Ottawa, Ontario K1Z 7P8 Tel: (613) 725-3888 Fax: (613) 725-9706</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 GUDWARA ROAD, NEPEAN, ONTARIO, K2E 8B5</p>	 <p><b>MODERN MECHANICAL INC.</b></p> <p>PLUMBING • HEATING • VENTILATION • AIR CONDITIONING</p> <p>85 Denzil Doyle Court, Kanata, Ontario K2M 2G8</p> <p><b>JOHN R. McANINCH, P.Eng.</b> PRESIDENT</p> <p>(613) 591-7505 Fax: (613) 591-1523</p>	<p><b>REL-AIR</b> MECHANICAL INC.</p> <p>96 Grassy P. Dr. Kanata, Ont. K2M 2N3</p> <p>Kelly R. V</p>
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## PRESIDENT'S MESSAGE

**WIN PRIZES    WIN PRIZES    WIN PRIZES    WIN PRIZES    WIN PRIZES    WIN PRIZES**

The excitement builds. Be part of the biggest development in Ottawa sports history. Tour the Palladium for a preview of the future. Attend the ASHRAE dinner meeting for project information available no where else.

WIN valuable door PRIZES from the Ottawa Senators.

If you only attend one ASHRAE meeting this year, this is the meeting to attend.

Come to the ASHRAE meeting to find out if Alexi Yashin has joined ASHRAE.

Returned by popular demand is the ASHRAE Ottawa Valley Chapter NO TIE policy. Free your inhibitions, remove your tie.

Your tie-less president,  
David Eastwood





**NO TIES    NO TIES    NO TIES    NO TIES    NO TIES    NO TIES    NO TIES    NO TIES**

## TECHNICAL SESSION

- TOPIC:** Palladium Tour
- WHERE:** North parking lot of Ottawa Palladium, Kanata
- TIME:** 4:00 p.m. sharp
- NOTE:** Maximum of 30 people will be allowed to attend. **Only confirmed attendees will be admitted.**

Everyone attending shall bring **CSA approved work boots. Nobody will be allowed to enter the building without them.** Hard hats and safety glasses will be supplied by PCL.

Confirmations are to be recorded with Ross McIntyre (727-5111) prior to 12:00 p.m. on November 21, 1995

 <p><b>METHOT</b></p> <p>1060 Boul. Michele-Bohec Suite 101 Blainville, Quebec J7C 5E2</p> <p>Tel: (514) 433-9878 Fax: (514) 433-6866</p> <p><b>Michael McNamara, Eng.</b> President</p> <p><b>1-800-METHOT-2</b></p>	 <p><b>francis</b> H. V. A. C. Services Ltd.</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>• REVCO Service Dealer</li> <li>• Refrigeration</li> <li>• Ultra-Low Freezers</li> </ul> <p>Quality Service Since 1933</p> <p><b>Brian A. Francis</b> President</p> <p>29 Cleopatra drive, Nepean, Ontario, K2G 0B6 Tel.: (613) 723-4700 Fax: (613) 228-9030 Direct Service Line: (613) 723-7969 24 Hour Emergency Service, 7 Days a Week</p>	<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>Les Contrôles <b>MIKOT</b> Contrôls Inc.</p> <p> BARBE ROBERT</p> <p> SECURITY ELECTRIC SCHLAGE ELECTRIC</p> <p>Représentant auto</p>
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# Gaining The Most From The Indoor Environment Marketplace

A series of full day, interdisciplinary workshops being held in major centres across Canada on products, services and business opportunities related to the minimization of indoor pollution.

Primary sponsors: the Canadian Council for Human Resources in the Environment Industry, the Department of Foreign Affairs and International Trade (DFAIT), Environment Canada, Industry Canada, the National Research Council of Canada (NRC) and Natural Resources Canada (NRCan).

Corporate sponsors: Armstrong World Industries, Environmental Choice Program, Canadian Carpet Institute, Envirosesic, Air and Waste Management Association - Quebec Chapter and Honeywell.

Local organizers for Ottawa and Toronto: Canadian Environment Industry Association (CEIA) - Ontario Chapter, Construction Specifications Canada - Ottawa Chapter, the Ottawa Carleton Economic Development Corporation (OCEDCO), Ontario Association of Architects Committee on the Environment and Ontario Centre for Environmental Technology Advancement (OCETA).

For further information please call:

by dEsign consultants at (613) 230-5776, fax: (613) 230-4149,  
or Cullbridge Marketing and Communications at (613) 733-6013.

- Get assistance in focussing and expanding your business activities, and in marketing your offerings both at home and abroad.
- Learn about recent and upcoming advances in the marketplace, and how to best access the products and services you require.
- Establish and strengthen working relationships with other industry stakeholders present at the workshop.

## Registration Form

please print all information - one form per attendee

Name: _____	Ottawa	Toronto
Title: _____	January 19, 1996	February 7, 1996
Company: _____	World Exchange Plaza	Metro Hall
Address: _____	45 O'Connor Street	55 John Street
_____	Suite 300	Suite 2700
City: _____		
Province: _____	COST : \$ 75 + GST = \$ 80.25	
Postal Code: _____	Included is Lunch,Breaks and all materials.	

Please register me for

- the Track One Afternoon Session.  
 the Track Two Afternoon Session  
(Registration for this session is limited)

*Refunds are subject to a \$35 administration fee and are accepted up to one week prior to the workshop.*

Cheque enclosed       VISA

Send completed form(s) with payments to:  
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Suite 2, 417 Bronson Street  
Ottawa, Ontario, K1R 6J6  
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Make cheques payable to: by dEsign Consultants  
Card Number: \_\_\_\_\_  
Expiry Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

# Gaining The Most From The Indoor Environment Marketplace

## Morning Sessions

- 8:00 **Registration**  
**Ice Breaker - Networking Breakfast**
- 8:40 **Welcome**
- 8:50 **Trends and Opportunities in the Indoor Environment Marketplace**  
Find out where the marketplace is headed and the kinds of products and services being introduced. You will also learn about which indoor environment industries are growing the fastest. This session will be based on a study, recently completed by Cullbridge that characterized the Canadian Indoor Environment industries.  
*Speaker: Jay Kassirer, MBA, Cullbridge*
- 9:35 **The Latest Research: How To Get It and How To Get It Done**  
Learn how to access the latest information coming from research organizations such as the National Research Council (NRC), CMHC and the US EPA. You'll find out about Canadian Construction Materials Centre (CCMC) evaluations, NRC's indoor environment research capabilities and how to get research done without paying the (whole) bill.  
*Speaker: Sherif Barakat, PhD, NRC*
- 10:15 **Getting Paid For the Research You Do A Look At Tax Credits**  
R & D tax credits are not just for manufacturers! Find out how your company can prosper by using R&D tax credits.  
*Presented by: Deloitte & Touche*
- 10:35 **Break**
- 10:50 **Success Stories**  
Learn first hand, from the experience of leading edge suppliers and their clients. You'll hear about new or improved products and services, the benefits being achieved by using them, and about cooperative product / service development. Find out what approaches they have taken, what has worked and what has not.  
*Presentations by: local manufacturers, service providers and clients*
- 12:00 **Lunch (provided)**



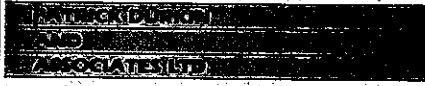
## Afternoon Sessions - Track One

- 1:00 **Expanding Your Business - Tapping Into Foreign Markets Successfully**  
Learn about the US market for indoor environment products and services, and how the government can help you increase your exports.  
*Presented by: a representatives from the local International Trade Centre*
- 1:30 **Due Diligence: Legal Considerations that Building Managers and Product and Services Suppliers should know.**  
Who's at fault when people suffer from indoor environmental pollution? Find out what you can do to protect yourself.  
*Presented by: a local law firm*
- 2:00 **Panel Discussion**  
Selecting Building Materials for good Indoor Air Quality *Speaker: Tim Mayo, B Arch, Natural Resources Canada*  
Off-Gassing Data vs. Material Safety Data Sheets - How to screen materials in a cost effective manner  
*Presented By: Green-Eclipse Incorporated*  
Design for Low Pollution Lighting  
*Presented By: Illuminating Engineering Society*  
Environmental Performance Assessment Criteria  
*Speaker: Vince Catali, MRAIC, by dEsign consultants*
- 3:10 **Break**
- 3:25 **Problems not Yet Solved, Needs Not Yet Met: Market Opportunities**  
This combination of small group discussions and an open forum will provide an opportunity to get difficult needs addressed, identify specific market opportunities, influence the marketplace and get to know participants better.

## Afternoon Session - Track Two

- 1:00 **Identifying Training and Accreditation Needs**  
Is there a human resources problem in the indoor environment industry? Is the growth of this industry being impeded by a lack of people with appropriate skills and knowledge? If so, at what educational level? What are the specific skills and knowledge required? What value would you place on:  
  - defined skill sets for the industry?
  - national occupational standards?
  - denotation of ability credentials?
  - accredited or recognized training programs that meet the requirements?These are some of the questions that this session will address.  
*Organized by: the Canadian Council for Human Resources in the Environment Industry.*

- 4:30 **Closing Networking Reception**

<p>SPECIALIZING IN HEATING, VENTILATION AND AIR CONDITIONING</p> <p>Tel: (613) 599-6945 Fax: (613) 599-7441</p> <p>President</p>	 <p><b>Goodkey, Weedmark &amp; Associates (1985) Limited</b> 1749 Woodward Drive Ottawa, Canada, K2C 0P9 Tel. 613-727-5111 Fax 613-727-5115</p> <p><b>G.F. Carscallen, P.Eng.</b> President Consulting Engineers</p>	 <p><b>TRIWAY SHEET METAL CO. LTD.</b> DENNIS EGAN</p> <p>114 WILLOWLEA ROAD CARR, ONTARIO K0A-1L0</p> <p>TEL: (613) 831-8777 (613) 831-8776 FAX: (613) 831-8778</p> <ul style="list-style-type: none"> <li>• VENTILATION</li> <li>• HEATING</li> <li>• AIR CONDITIONING</li> </ul>	 <p>DISTRIBUTORS OF HEATING, AIR CONDITIONING &amp; VENTILATION</p> <p><b>Patrick (Pat) Durkin</b></p> <p>857 BOYD AVENUE OTTAWA, ONTARIO K2A 2C9</p> <p>FAX: (613) 728-4377 TEL: (613) 728-5586</p>
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**TABLE TOP DISPLAY**

At the November meeting InAIR Environmental will be displaying several pieces of indoor air quality test equipment useful for investigating sick buildings. Come and see the latest technology for measuring carbon dioxide, carbon monoxide, mould, etc.

Please contact Mike Swayne at tel. 828-2000, fax 828-1011 if you are interested in presenting a table top display at future meetings. The 1995-96 rate is unchanged from last year at \$100.00 per display.

**SPECIAL MEALS**

Any members having vegetarian or other special meal requirements at our chapter meetings should advise the telephone committee caller when canvassed for the meeting. If you do not receive a telephone call please contact Martin Carriere, Telephone committee chairman at 723-1482 and advise him of your needs.

At the restaurant please identify yourself to the food server who will then provide your reserved special meal. Bon appetit!

**MEMBERSHIP PROMOTION NIGHT**

The November meeting is an official MEMBERSHIP PROMOTION MEETING. We would like to encourage all members to bring a guest to the dinner meeting to introduce them to ASHRAE. We will have samples of the Journal, Insights, Transaction, Standards, and other data from ASHRAE. Any member who does sponsor a new member, will receive a \$10 gift certificate from ASHRAE and will be entered in a draw for other prizes. In addition to the ASHRAE Society draw, our local chapter will be holding a draw in January for a free chapter membership for next year.

Membership application forms are available at this and every meeting and can also be obtained from Rhonda Legault or Nancy Goldsmith at Trane Co., phone 226-1810, fax - 226-5852.

We would like to welcome the following new members: Thomas Ogrady, Distech CVAC Inc., and Peter Nabi, R.J. McKee Engineering.

**ASHRAE TRAVEL PLANNING GUIDE**

Plan your vacation or business travel to coincide with major ASHRAE meetings.





*February 17 - 21, 1996, Atlanta, Georgia*  
ASHRAE Winter Meeting and Product Show.

Enjoy early spring weather  
Visit the sites for the 1996 Summer Olympics  
Home of the 1995 World Series Champion,  
Atlanta Braves.

*June 22 - 26, 1996, San Antonio, Texas*  
ASHRAE Annual Meeting  
Test your stamina with the summer heat in Texas  
Home of the CFL San Antonio Texans

*September 1996, London, Ontario*  
ASHRAE, Region 2, C.R.C.  
Local highlights include  
Storey Book Gardens for the youngsters  
and the Grand Bend Beach for the party animals.

These ASHRAE meetings have not yet instituted a NO TIE policy.

<p>Michel Harel Président/President</p> <p>1010 Polytek, suite 44 Gatineau, Ontario K1M 1K1</p> <p>Tél.: (613) 742-5954 Fax: (613) 742-5955</p> <p>Authorized representative</p>	 <p><b>Guy H. J. Bourbonniere P Eng</b> Sales Manager</p>  <p><b>Trane Canada</b> 1745 Courtwood Crescent Ottawa, Ontario K2C 3J2 Tel: 613 226 1810 Fax 613 226 5852</p> 	 <p><b>CAPITAL AIR CONDITIONING LTD.</b></p> <p><b>KEN BOYD</b> VICE PRESIDENT</p> <p>9 ANTARES DRIVE NEPEAN, ONT., K2E 7V5</p> <p>TEL: 225-0140 FAX: 225-6904</p>	<p><b>K L I M A R</b> AGENCY INC. FOR DIV. 15 CONSULTANTS AND TRADES</p> <p>I. Erik Walesiak, M.Sc. President</p> <p>1378 LAPERIERE AVE. SUITE 400 OTTAWA, ONTARIO K1Z 7S3</p> <p>PHONE (613) 729-1734 FAX (613) 788-1986 PAGER (613) 786-6931</p>
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## HELP WANTED

The ASHRAE Technical Committee (TCs) are looking for reviewers for the technical papers and symposium papers submitted for presentation at the Annual and Semi-Annual Society meetings. Atlanta Headquarters are now in the process of assembling a database of members who are ready to volunteer their time and effort. Many names are required, as ASHRAE receives about 200 papers per year, and each paper is reviewed by five people.

Everyone with an area of expertise is invited to sign up for this rewarding experience. You will have not only an advance preview of the latest information in HVAC, but will also help the Chapter earn extra PAOE points. (If you are not sure what they are, ask Dave Eastwood at the next meeting.)

After having checked the Composite Index of the ASHRAE Handbook for topics ranging from "absorbents" to "zone systems" identify your own area of expertise and sent it with your name, address, phone and fax number, and e-mail address to:

Mrs. M. Geshwiler  
ASHRAE Headquarters  
1791 Tullie Circle NE  
Atlanta, GA 30329-2305  
Tel: (404) 636-8400  
Fax: (404) 321-5478  
E-mail: geshwiler@ashrae.org

For any further information, you may also contact Gabriel Laszlo at 736-2246, fax: 736-3232, or e-mail to laszlog@pwgsc.gc.ca.



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

Publication deadline is the first Tuesday of each month

The Editor - Rod Lancefield

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Phone: 820-7810

