

OTTAWA VALLEY CHAPTER

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Capital Communiqué

AMERICAN SOCIETY OF
HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS

JANUARY 1999

PROGRAM

DATE: January 19, 1999
THEME: STUDENT ACTIVITIES
SPEAKER: JUDY JESKE, P.Eng.
BUILDING CODE CONSULTANT, LEBER RUBES INC.

Judy Jeske is a civil engineer from the University of Ottawa with 12 years experience in the application of building and fire code principles (10 years as a fire protection engineer representing the Fire Commissioner of Canada and the last 2 in her present position). Some of her recent work include: Famous Players Coliseum theatres, St. Laurent Shopping Centre, East Memorial Building, CBC Headquarters.

SUBJECT: APPLYING BUILDING CODE PRINCIPLES DURING DESIGN OF LIFE SAFETY SYSTEMS

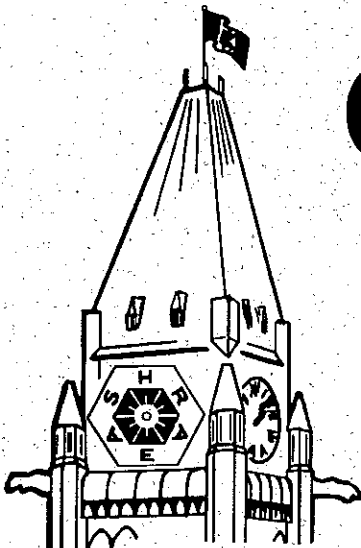
The discussion will focus on common mechanical systems requiring coordination with the other disciplines to meet life safety objectives of codes. The emphasis will be on performance based life safety design (smoke control, stairwell pressurization, fire dampers, kitchen exhaust, use of building automation systems in life safety, etc.).

ITALIAN THEME

Garlic Bread, Chicken Catchatorae, Vegetable Lasagna
Ceasar Salad, Pasta Salad, Marinated Vegetable Salad
Rice, Parisienne Potatoes, New York Cheesecake, Coffee and Tea

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

**Hellenic Banquet and
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1315 Prince of Wales Drive**



1998-99

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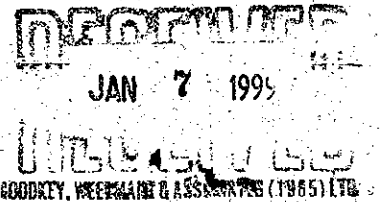
Roster
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Gabriel Laszlo

Al Oakes Award
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Nominations
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PRESIDENT'S MESSAGE

Greetings and salutations from the President.

As we settle into a new year and the end of a millennium I trust that we all passed a happy and joyful Christmas holiday with our families and friends. A wise Life Member once remarked, "your priorities should be family, business, and ASHRAE, - in that order". Well we've spent some time with our families, hopefully business is good

and now we are back to taking care of business for the Ottawa Valley Chapter. The second half of the season looks great and the January meeting should not be an exception.

I look forward to greeting you on January 19 at the Hellenic Banquet facility. Mark it on your calendar and bring a friend.

Dale Gaudet

TECHNICAL SESSION


Tech Session: Refrigeration Pipe Sizing

Session Speaker: Paul Lemieux - Wiles LeGault & Associates/LAR-MEX

Topic: Paul will discuss refrigerant pipe sizing. Both manual sizing design principles and computer sizing software will be featured. This technical session will present the basics of refrigerant pipe sizing and will be of interest to students, designers and engineers who have had little or no experience sizing refrigerant piping systems.

Where: Hellenic Centre

When: 5:30 pm on Tuesday, January 19, 1999




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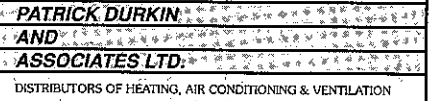
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ASHRAE - TABLE TOP DISPLAYS

Contact Randy Cavill (225-9774) if you are interested in presenting a table top display at future meetings.

WHAT YOU MISSED

Ottawa November Meeting: Lorne Dean of CGI have us a great review of the Year 2000 and its potential impact on our lives. He summarized the cause, the problems (small and catastrophic) and the work underway. He also provided a number of reputable sources of information. The meeting was preceded by a technical session on refrigerant piping design considerations by Ken Boyd of Capital Air.

Kingston November Meeting: Queens' Professor Steve Harrison and his graduate students summarized their current research. From ultra efficient lights to pre-heating make-up air through building siding to establishing a revised convection heat transfer coefficient, we were all captivated by the exciting work at Queens'. We all enjoyed a great meal at the Queens University faculty lounge. The meeting started with a tour of the University's Library building systems; Eric Neuman showed us the air handlers, the boilers, the electrical room the chillers, the generators, . . . You should have been there!

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

Thank you to all those that forwarded potential candidates for this award. We had some last minute issues to deal with in November and were not able to present the award. The awards committee will present the award to the successful candidate at this month's meeting.

As mentioned last month, Al Oakes was committed and dedicated to his responsibilities within ASHRAE at both society and Chapter level. Al always had a sense of humour and felt that all work had to include some play. Have fun while you work. His enthusiasm, leadership qualities and ability to motivate others are the characteristics that best describe the profile of the award recipient. This award is only presented when a candidate clearly merits the honour and the award is to be given as recognition and encouragement to continue, not as thank you for past efforts.

I look forward to seeing you there.

STUDENT ACTIVITIES

The Ottawa Valley Committee supports three student branches at Queens, University of Ottawa and Algonquin and is working to help students learn more about HVAC and ASHRAE. We are currently in the process of starting a branch at Carleton University.

The theme for the November meeting of the Kingston section was Student Night. Two Ph.D. candidates, a fourth year student and their lab director gave a review of past and present research activities at the Solar Calorimetry Laboratory at Queens University. Such topics were fenestration research, wind induced heat transfer coefficients, ultra efficient lighting systems, solar domestic hot water systems and the transpired air preheating system. The talks were quite interesting and well done.

Thanks to Trane and Joel Primeau for the two Senators tickets that were raffled off at the November ASHRAE meeting. Congratulations to our winner, Patrick Horan. Proceeds from the raffle went towards providing meals at reduced costs for the Queens students.

Over the next two months we will be raffling off two pairs of Senators tickets, again to raise money to offer reduced rates to our visiting students. Tickets will be available for \$2 each or 3 for \$5. Thanks to Engineered Air and Goodkey Weekmark who have generously donated these tickets.

The theme for the January meeting in Ottawa is Student Activities and our program will focus on fire code issues. We will be hosting students from University of Ottawa, Carleton and the Lees Avenue Campus of Algonquin College. Please take the time to talk with the students; discuss their projects and talk about your work with them. They are the future of our industry.

Once again we are asking that if you have any ASHRAE handbooks which you are no longer using, please pass them along to someone on the Student Activities Committee so we can redistribute them to the students. Thank you to all who have already helped us with our collection!

ATTENTION - ALL MEMBERS

A draught copy of the roster will be posted at the January 1999 Chapter Meeting for the purpose of members checking their listings and making any corrections or additions (eg: e-mail address).

Guy H.J. Bourbonnière P.Eng.
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MESSAGE FROM TEGA

At the January meeting, Roland Charneux, Region II TEGA Vice-Chairman, will present the 1998 Regional Technology Awards to Pierre DeGagne, Subash Vohra and David Eastwood.

Congratulations to all three recipients, and best of luck at the Society level!

The Award ceremony will also mark the beginning of the 1999 Technology Award cycle. TEGA Committee hopes to receive this year as many submissions as last year. Members of TEGA will be pleased to help with the preparation of the one-page form that is necessary for the Chapter level entry. If you think you may have a suitable project, just give us a call.

Frank Vaculik, TEGA Committee 828-0526

RELATED ASSOCIATIONS MEETINGS

- RSES 3rd Tuesday each month - Tudor Hall 6 p.m.
- ASPE 2nd Wednesday each month
- BOMA 2nd Tuesday each month - Congress Centre - 12 noon

THE DOLLARS TO SENSE ENERGY EFFICIENCY WORKSHOP SERIES

Natural Resources Canada has developed an energy efficiency workshop series designed to help organizations in all sectors of the economy to take advantage of the most up-to-date knowledge and energy efficiency expertise available.

Workshop 1 - Dollars to Sense: The Energy Master Plan

Where and When? Ottawa on December 1 and May 18; Québec City on February 16 (French)

Workshop 2 - Dollars to Sense: Energy Monitoring and Tracking

Where and When? Ottawa on May 18; Montréal on March 23 (French)

How much? \$295 + GST for one workshop; \$500 + GST for both. To register, please call 1-800-387-2000.

KINSTON SECTION MEETING

Happy New Year from the Kingston Section!

We have mixed emotions in reporting that Mr. J.P. Tardif has left our industry. We are disappointed that J.P. will be unable to remain in his capacity as Section Chair but are happy to have had the opportunity to work with him through ASHRAE. Good Luck J.P.!!! The very capable and committed Mr. Don Smith will assume the role of Section Chair.

After a successful November tour and meeting at Queens University we are looking forward to 1999. We have an excellent agenda for the balance of the year and hope to see you at our January Meeting.

- Date: Tuesday, January 29, 1999
- Location: Kingston Brew Pub
- Time: 5:30 pm Social, 6:30 pm Dinner, 7:30 pm Tech Session
- Tech Session: In Floor Radiant Heating Systems

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