

OTTAWA VALLEY CHAPTER

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Capital Communiqué

AMERICAN SOCIETY OF
HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS

NOVEMBER 1999

PROGRAM

DATE: November 16, 1999

THEME REFRIGERATION

SPEAKER: DAVID PUDDY, Ph.D., P.Eng.
Executive Vice President
Microzone Corporation, Nepean, Ontario

David Puddy has over 25 years experience in the design, engineering, operation and use of environmental air control equipment including cleanrooms, containment facilities, biological containment hoods, laminar flow work stations, gloves boxes and fume hoods.

SUBJECT: Design Considerations for Cleanrooms for Use in
Pharmaceutical Manufacturing, Microelectronics & Small
Parts Assembly, Prosthetic Device Manufacturing,
Biotechnology & The Life Sciences and Low Level
Chemical Analysis

Dr. Puddy will discuss cleanroom definitions and basic design considerations, provide a comparison of standards and guidelines for cleanrooms for various fields of science and technology, and discuss airflow patterns, typical HVAC airflow schematics and validation procedures for cleanrooms.

MENU

Greek Salad with Feta Cheese and Olives, Roast Sirloin of Beef with a
Red Wine Sauce, Oven Roasted Potatoes, Buttered Peas with Mushrooms
Rolls and Butter, Raspberry Sherbert with Wafers, Coffee and Tea

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

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

1999-2000

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TEGA

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Special Events

Chris Healey

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Communiqué

Rod Lancefield

Publicity

Moe Sottile

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Cynthia Gillis

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Ray Young

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Kevin Toll

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Gabriel Laszlo

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Nominations

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PRESIDENT'S MESSAGE

I'm going to take advantage of my 15 minutes of fame here to resolve a raging debate that is monopolizing way too much of our otherwise productive time.

Every meeting, people come up to me and ask me the same question. Nobody seems to care much about the usual ASHRAE issues of the day, instead we only seem to care about one thing. . . I will now provide the answer to the real burning question that's on everyone's mind. Yes, I intend to keep my goatee but I like to keep it short that's why it looks like I can't really grow one. I don't think it makes me look anymore attractive but it does give my face the illusion of a third

dimension. Would I ever consider growing a beard? Probably not, I can't; I'm completely hairless on the side of my face. And when I grow sideburns, they don't look like Starsky's or Hutch's but rather like Michael Jackson's or Spock's; a thin seemingly misplaced strand of wispy hair in front of my ears. On the up side, my goatee is the same colour as the rest of my hair. . . I mean: what is up with men with dark hair and red goatees?

To summarize, I'll keep the goatee. Bring a friend to the meeting because I'm sure that he or she will care about my goatee even if you don't.

Joel Primeau

TOUR

CANADIAN CENTRE FOR HOUSING TECHNOLOGY

WHAT You are encouraged to attend a tour and information session at the recently opened CCHT, an advanced housing research and demonstration facility located at the NRC.

WHERE Montreal Road Campus of National Research Council


WHEN November 16, 1999 at 4:00 p.m.

DIRECTIONS

Take Blair Road north from the Queensway, turn left at Montreal Road and enter the NRC property on the right. Proceed north at the traffic circle and turn left. The CCHT is located on your left just north of Building M-20. Follow signs to designated free parking area.

Our tour guide will be Mike Swinton, CCHT Research Manager.

Prior to the tour, visit the CCHT web site at www.ccht-ctr.gc.ca




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ASHRAE - TABLE TOP DISPLAYS

This month's table top display will be presented by Longhill Energy and feature Therma-Fuser by Acutherm. Thermally powered (no wiring required) heating-cooling diffuser, with automatic changeover for individual zone control. Available in a 2" by 2" lay in panel with 6" through 12" diameter neck sizes. For use in retrofit or new construction.

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

WHAT YOU MISSED

In Ottawa, we heard Dick Lemke of the Trane Company speak on the subject of Variable Air Volume systems for light commercial applications using constant volume HVAC equipment. Dick described the advantages and limitations of the changeover/bypass VAV systems. The presentation was well attended and there were many excellent questions.

In Kingston, we had a real treat: a 2-hour long presentation and tour of the AES Co-Generation plant. Providing steam, electricity and dowtherm to the Celanese plant next door, the Co-Gen plant tour offered us a glimpse at the following equipment: cooling towers, water treatment plant, gas fired boilers, gas turbines, steam turbines, electrical stations and a state-of-the-art controls station. The AES plant actually sells most of its electrical output to Ontario Hydro. Thanks to Mark Tracey and his team for a fantastic presentation. It was well worth the trip to the Limestone City. Dinner at Whisky Willy's was informal and a lot of fun. If you've never been to a Kingston meeting, you won't know what you miss.

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.

EMAIL ADDRESS

The Capital Communique will be changing to an electronic format later in the fall we need everyone's email address to make this a success. Please let Kevin Toll know your email address. Call him at 723-4611 or email thvac@magma.ca

MEMBERSHIP

We are pleased with the number of new members joining the ASHRAE Ottawa Valley Chapter to date this year. Please continue your efforts to invite new members into our group.

Our mentoring program is beginning to gain steam. We are looking for experienced ASHRAE members to lend their wisdom to new ASHRAE members and student ASHRAE members. Members interested in becoming mentors or proteges should contact Peter Dunlap 591-7505.

Finally, November's thrust for the Membership Committee is to reduce the number of delinquent accounts. If your members renewal has not been forwarded to Atlanta please do so right away. Should you have any questions regarding membership issues please call Adam Beales 723-4611.

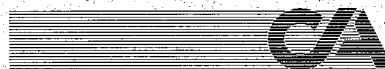
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KINGSTON SECTION

Next Kingston Section meeting will take place in the new year.

Call Don Smith to lend your support at 613-384-7084.



ASHRAE, Ottawa Valley Chapter Board of Governors
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