

ASHRAE Ottawa Valley Chapter

Chapter Meeting # 4 January 2004 Final



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| Meeting Date: | Tuesday January 20, 2004 |
| Location: | Capone's Restaurant, 1701 Woodroffe Avenue, Nepean |
| Presiding Officer: | President Jason MacMurdo |
| Attendance: | Total: 79 Guests: 17 Students: 17 |
| Theme Night: | Student Activities |
| Technical Session: | None |
| Table Top: | Regulvar presented a cost effective DDC controls package for VAV and rooftop unit applications. The system is pre-packaged, pre-configured and can be purchased off the shelf to be installed directly by mechanical contractors. |
| | The Master Group demonstrated under floor ventilation products and ECO2 rooftop unit. |
| Program: | Fundamentals Of Underfloor Ventilation |
| Speakers: | Andrew S. Clancy P.E., Business Development Manager of York International and is responsible for Underfloor Air Systems and for promoting underfloor air distribution systems to the market. |
| Prepared by: | Jay Doshi – Jan 28th, 2004 |

Technical Session (3:45 – 5:15)

A technical session was not scheduled for this meeting.

Social (5:30 – 6:30)

Business Session (6:35 – 6:50)

- President Jason MacMurdo opened the meeting and welcomed all in attendance
- President Jason MacMurdo introduced the OVC 2003/2004 Executive and the Board of Governors.
- Glenn MacLean introduced the guests.
- Jason informed that The Master Group had donated two pairs of Senators Hockey Tickets which were raffled with the donations going to research and student activities.

Dinner (6:50-7:30)

Business Session-Continued (7:30-7:50)

- The theme for the evening was Student Activities.
- Jason MacMurdo informed all of the availability of the table top display opportunity and the benefits.
- The table top vendors were introduced and were as to briefly describe their table tops. Stephan Riffault of Regulvar informed of a cost effective DDC controls package from Delta for VAV and rooftop unit applications. The system is pre-packaged, pre-configured and can be purchased off the shelf to be installed directly by mechanical contractors. Tony Doyon talked about the second table top from The Master Group which was a display of underfloor ventilation systems and ECO2, Roof

top unit.

- Heather Garner talked about ASHRAE membership and announced of the new members. She also informed of the ongoing program, member get a member.
- Joel Primeau talked about TEGA and informed of the need to review handbooks. He requested members to volunteer and he needs about 50 volunteers. He also informed that next month will be TEGA Awards and is looking for volunteers to replace Frank Vaculik whose has been chairing this for many years.
- Chris Fudge talked about student activities and informed of the presentation done by the Chapter at Carleton University on the role of the engineers. Chris acknowledged the representatives of Carleton University and Algonquin College for their commitment to ASHRAE. He also informed that we have a good opportunity for a Student Chapter at Carleton University
- Jason gave thanks to the Carleton students and to the student activities committee for the Student Chapter at Carleton.
- Glenn Maclean acknowledged the sponsors of the students present.

Break (7:50-8:00)

Evening Program (8:00-9:00)

Program: Fundamentals Of Underfloor Ventilation.
Speakers: Andrew S. Clancy P.E., Business Development Manager of York International.

Chris Fauley introduced the speaker for the evening, Mr. Andrew S. Clancy P.E., Business Development Manager of York International.

Andrew informed of that this is a new concept in HVAC and is gaining momentum. It has been used for sometime in Asia and Europe. More facilities have access floors today, mostly however for computer rooms. Today with the migration of technology to new technology of computers, cables and voice over IP, this technology is fast becoming favorable to accommodate the cables and frequent changes in work area configurations. Currently there is a huge problem with abandoned cables in ceiling spaces and the underfloor technology can be adapted to this new changing environment.

The benefits of underfloor ventilation is the ease of changing works space configurations and the benefit of energy savings since only the lower 6ft of space need conditioning with a return system in the ceiling.

This is a sustainable design with energy savings due to the following:

- Low static in plenum
- More free cooling
- Improved ventilation effectiveness
- True VAV functionality

- Joel Primeau thanked our guest speaker for his presentation and presented him with a gift.
- Jason MacMurdo reminded all present of the next meeting on February 17th, 2004.
- With no other business at hand, Jason MacMurdo adjourned the meeting 9:15pm.

Distribution:

Board of Governors

All RVCs

DRC

Please review the minutes and report any errors or omissions in writing to Jay Doshi.