

# ASHRAE Ottawa Valley Chapter

## Chapter Meeting #3 – November 20, 2012 (17:30)



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Meeting Date:	November 20 <sup>th</sup> , 2012
Location:	Travelodge Ottawa Hotel and Conference Centre
Attendance:	Total: 84 - Members: 63    Guests: 6    Students: 15
Theme:	Student Activities
Tour:	None
Tech Session:	Critical Applications in Gas Outdoor Air Heating
Table Top:	Walmar - Heat Saving Systems High Quality Air Curtains Distech / Lar-Mex - Building Automation and Building Controls
Program:	<b>Low Temperature Radiant Heating Design</b>
Speaker:	Christopher Makarewicz
Prepared by:	Georges Maamari

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**Social:** (17:30 – 18:27)

### **Business Session** (18:27 –18:40)

- President Donald Weekes introduced the Board of Governors and the Executive.
- Secretary Georges Maamari introduced the guests for the evening.
- Membership Chair Adam Moons introduced the new members for the month of November being Mr. Duncan Curd, Mr. James Dyke, and Mr. Alberto Padilla
- Student membership chair Richard Cameron thanked the numerous students from Carleton University that attended the November meeting. He is hopeful that students will attend on a regular basis
- President Donald Weekes thanked Mr. Marc-André Lamarche for performing the technical session on behalf of the OVC.
- Donald Weekes introduced the table top displays of the evening. First was the High Quality Air Curtains presented by Joe Dela Vella of Walmar. The second was Distech Controls and Lar-Mex who presented the newest innovations in Building Automation and Building controls.
- Donald Weekes informed the guests that he recently attended a Better Breakfast Building meeting to promote the ASHRAE chapter. He also spoke about the outcome of Hurricane Sandy on the northern US and provided a donation link for those who are interested in donating.

### **Dinner** (18:25 – 19:25)

### **Evening Program** (19:25 – 19:47)

- Speaker Chris Makarewicz discussed the design of low temperature radiant heating systems with a focus of terminal heating units. M. Makarewicz described the concept of low mass inertia equipment which allows to stabilize temperature when compared to traditional radiators. The intent is to reduce the thermal mass of the equipment in order to deliver heat in the space faster and reduce the amount of energy required to heat up the mass that makes up the equipment. He also described the two testing methods used to verify performance ( IBR, EN442). M. Makarewicz also discussed the motor efficiencies of AC vs DC motors.
- President Donald Weekes thanked Chris Makarewicz
- Meeting adjourned 19:47