

# ASHRAE Ottawa Valley Chapter

## Chapter Meeting #7 – April 16<sup>th</sup>, 2013 (17:30)



---

Meeting Date:	April 16 <sup>th</sup> , 2013
Location:	Travelodge Ottawa Hotel and Conference Centre
Attendance:	Total: 53 - Members: 45    Guests: 6    Students: 2
Theme:	Research
Tour:	None
Tech Session:	Damper and valve actuator sizing workshop
Table Top:	Belimo
Program:	ASHRAE Standard 189.1
Speaker:	Hugh Crowther
Prepared by:	Georges Maamari

---

**Social:** (17:30 – 18:55)

**Business Session** (18:55 – 19:30)

- 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 this month's new members.
- Donald Weeks also introduced the table top display of the evening: Clark Campbell presented the Belimo Control Valve.
- Darryl Boyce discussed society elections and how the procedure was implemented at society level. David Underwood was elected as treasurer, Darryl Boyce as vice-president, and William Dean elected as Director-at-large.
- Bob Kilpatrick announced the nomination for the 2013-2014 ASHRAE OVC Chapter Board and Executive. On the executive:
  - o President: Rod Potter
  - o President-Elect: Steve Moons
  - o Treasurer: Georges Maamari
  - o Secretary: Abbey Saunders
- The board of governors:
  - o Pat Albert (returning)
  - o Paul Baker (returning)
  - o Chris Fudge (returning)
  - o Dan Redmond (returning)
  - o Adam Graham
- Pierre Degagnon motioned that the nominees be accepted, and nominations closed. Phil Mayfield seconded the motion, and the nominations were closed.
- Bob also presented this year's student award in memory of Dan Banton to student Keegan Hardy for his efforts and dedication to the Ottawa chapter.
- Rod Potter discussed the technical session that occurred prior to the program meeting. The tech session was performed by Clark Campbell on valve and actuator sizing and was very well received by the audience.
- Stephen Lynch announced the first research promotion event which is a Blue Jays baseball game in Toronto, There are 50 seats available at a cost of 200\$/ea. The cost includes

transportation and a ticket to the game. Two tickets were drawn as part of the 50/50 draw and were won by the Travelodge attendant.

- Steve Moons discussed the 2013 ASHRAE Golf Tournament on behalf of Andrew Douma. Steve informed guests that 90% of last year's teams have already registered for this year's event. Those who attended last year have until the end of next week to register, after which registration will be opened to new teams or registrants.

***Dinner*** (19:35 – 20:23)

***Evening Program*** (20:23 – 21:20)

- Speaker Hugh Crowther started off by discussing some of the work that is currently going on at society level. Hugh informed the attendees that there are numerous standards that are currently under review so that they may be matched with the upcoming ICC.
- Another major endeavor is the Building Energy Labeling Program which attributes two ratings for each building: a design rating (asset) – launched in spring of 2013, and an operating rating – launched in 2012.
- ASHRAE also has a government affair group to discuss US congressional issues of interest such as energy efficiency, energy savings, building labeling, and construction standards. Hugh also touched base on the new Grassroots government activities committee to be in effect in June 2013.
- Mr. Crowther's main presentation topic was ASHRAE 189.1 – Standard for the design of high-performance, green buildings. The main topic focused on the fact that many buildings do not perform at their true potential and how multiple organization are working together to find a solution to this frequent problem. Standard 189.1 is an ANSI standard, which was developed in model code language, to provide the minimum requirements for high performance green buildings.
- There are 6 sections to 189.1 that form the base for the minimum compliance of a high performance building. These are:
  - o Sustainable Sites;
  - o Water Use Efficiency
  - o Energy Efficiency (90.1)
  - o Indoor Environmental Quality (62.1)
  - o Building Impact on Atmosphere, materials, and resources;
  - o Construction and Operation Plan.
- Mr. Crowther described the various chapter structures within standard 189.1 and the two possible paths to meet the minimum requirements: prescriptive and performance.
- Mr. Crowther also mentioned that Standard 189.1 is more stringent than 90.1 as it includes for plug loads and peak shedding as part of the energy reduction process. Currently one of the major requirements of 189.1 is that a building must meet the mandatory provisions of 90.1 and have onsite power generation.
- The remainder of the presentation focused on discussing the 6 sections mentioned above.
- Following the presentation, Donald Weeks thanked Hugh Crowther for his presentation.
- Meeting adjourned 21:20