



Pile of Bones

Published by the Regina Chapter of ASHRAE

Monthly Meeting Beat:

About the Speaker

By Dan Brothers

Greetings everyone, I hope this finds you in good health and with warm feet. Our speaker this month is another distinguished lecturer who is no stranger to Regina, Tim McGinn. Mr. McGinn’s combined mechanical and electrical degrees, and his LEED® accreditation put him in a unique position. He has extensive experience in designing mechanical and electrical systems for complex projects, but his real passion is designing low impact/low energy mechanical and electrical systems for green buildings. As a result, Tim is a frequent lecturer on Green Buildings throughout North America. He is also an outspoken proponent of the Integrated Design approach and often leads project teams through the integrated design and LEED Certification processes. Tim is based in Calgary and is a partner in a 300 person AE firm with offices in Calgary and Edmonton, AB and Toronto ON.

Mr. McGinn is an experienced project manager and mechanical designer, having been involved in new building projects and renovations for over twenty-five years. He is also experienced in the analysis and design of central heating and cooling plants, industrial refrigeration, process utilities and large piped distribution systems.

Continued →

Meeting Notice

Wednesday February 11, 2015

Hotel Saskatchewan

2125 Victoria Ave.
Regina, SK

5:00 – Beers

5:30 – Speaker Presentation
Tim McGinn

“Low Impact Mechanical Systems”

6:45 – Supper

7:15 – ASHRAE Chapter Meeting

Upcoming Events

April 23, 2015:

ASHRAE Webcast -

**New Tomorrows for
Today’s Buildings**

In this Issue

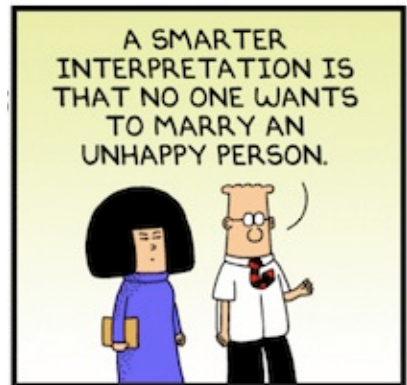
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Pile of Bones

His green building design expertise includes passive evaporative cooling, indirect evaporative cooling, displacement and underfloor air system, natural and mixed mode ventilation, solar chimneys, solar air preheating, grey water reuse and passive solar heating.

Mr. McGinn is a LEED Accredited Professional and graduated with Electrical and Mechanical Engineering Degrees from University of Saskatchewan with twenty five years' experience as a consulting engineer.

He'll be talking to us about Low Impact Mechanical Systems: Once the building mass, orientation and envelope is optimized and the building loads have been significantly reduced, mechanical system selections can include both downsized conventional systems and low energy mechanical systems; many of which have been used in Europe for years. The author will show the design basis of North American examples of buildings conditioned with radiant chilled slabs, displacement ventilation, underflow air and multi-stage evaporative cooling integrated with hybrid natural ventilation. Advantages in comfort, ventilation effectiveness and energy effectiveness will also be highlighted.



Presidential Address

President's Message

by Janel Walter

Hopefully everyone is keeping warm these days! I am jealous of those of you escaping to warmer climates in the Caribbean; especially since that groundhog says there's going to be six more weeks of this cold, white weather! I suppose however, that having two very distinctive seasons is what gives us additional engineering opportunities so we should all be a little grateful... but only a little.

I would like to thank Bill Bahnfleth for coming to speak to us last month on ASHRAE's Building Energy Quotient. It's nice to see other performance rating programs challenge some of the existing ones so we can strive for ratings that are accurate, comparative and take into consideration all of the mechanical system.

This month we have the pleasure of welcoming Tim McGinn to our Chapter meeting to talk about low impact mechanical systems. Please see Dan's article for more information. Hope to see you all there!

As Brad mentioned previously there are still some outstanding membership dues and we would greatly appreciate these being paid as soon as possible. If you would like to pay by credit card we do have that capability.

April 23rd is the ASHRAE Webcast- New Tomorrows for Today's Buildings: Existing Building Commissioning. SaskTel has once again graciously offered to hose the event but we are still looking for a lunch sponsor. If you or your company is interested in providing lunch please contact me.

Lastly, we have not yet had a team or individuals come forward for the Jon Ross Curling Spiel up in Edmonton on March 7th. If you are interested please contact me at jwalter@hdaeng.com.



Committee Chair Reports

Research Promotion

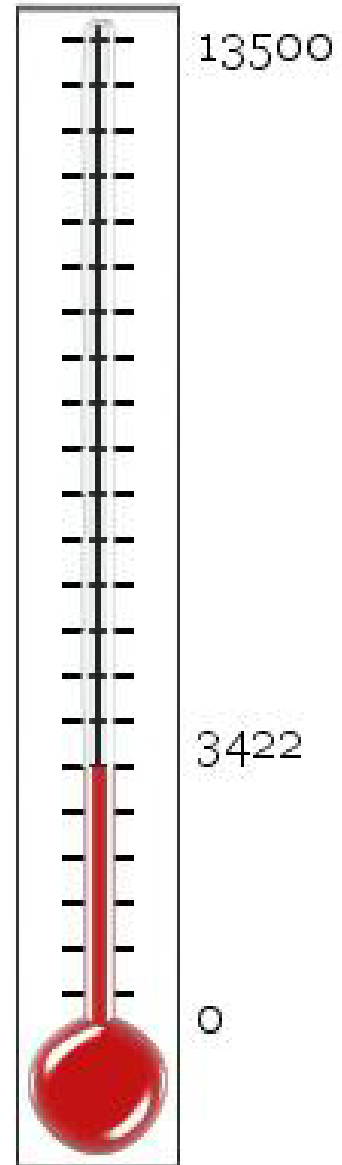
by Alana Yip

Hey everyone! I just want to say thanks to everyone for contributing to our research campaign every month through the purchase of 50/50s. Congratulations to January's winner, Peter Whiteman, who won \$75!

I have started to send my campaign letters out to let you know about this year's campaign and ask for your support- so watch your inboxes. Some of you may not receive them until late February as I have escaped the country for the month. I have heard back from a couple of people/companies committing money, so thank you and I will be in touch to collect cheques.

Our campaign goal this year is \$13,500 and currently we are at \$3422, or %25 of our goal. A reminder you can always contribute online at ashrae.org/contribute.

Thanks to the following investors so far this year.



Committee Chair Reports

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Jason Paul *	*Committed Donations
Donors <\$100	
Gurbinder Uppal	
Ryan MacGillivray	

2014-2015 Meetings and Events

September 10, 2014

Speaker: Brian Brunskill
Bushwakker Brewpub

October 15, 2014

Speaker: Doug Lecren
Hotel Saskatchewan

November 12, 2014

Speaker: Richard Miller
University Club

December 12, 2014

Christmas Social - Dralion

January 6, 2015

Speaker: Bill Banfleth, Past Presidential
Hotel Saskatchewan

January 24-28, 2015

ASHRAE Winter Conference
Chicago, Illinois

February 11, 2015

Speaker: Distinguished lecturer Tim McGinn
Hotel Saskatchewan

March 11, 2015

Speaker: TBD
Hotel Saskatchewan

April 8, 2015

Student Night
University Club

April 23, 2015

ASHRAE Webcast

**New Tomorrows for Today's Buildings:
Existing Building Commissioning**

SaskTel Auditorium

April 30 – May 2, 2015

Region XI CRC
Calgary, AB

May 14, 2015

Speaker: TBD
Hotel Saskatchewan

June 2015

ASHRAE Research Golf Tournament



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Newsletter

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