

# Alberta Building Officials Association Conference

# 2018

## Leduc, Alberta



Telford Lake, Courtesy of City of Leduc



## **Alberta Building Officials Association 2018 Conference Agenda**

Executive Royal Hotel Edmonton Airport, Leduc, AB

8450 Sparrow Drive Leduc, AB T9E 7G4 Canada

**September 19<sup>th</sup>-21<sup>st</sup>, 2018**



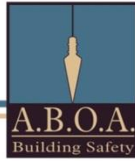
## **Welcome to our 2018 ABOA Fall Conference & AGM!**

This has been a year of change with new faces joining the ABOA Executive and it has been exciting to see the work they have done. We are very excited about this year's conference and we are happy to be in the City of Leduc this year! I also want to take this opportunity to thank our Sponsors, who help make this conference possible and contribute excellent information to help our members grow their knowledge every year. Our conference committee has put in an extraordinary effort this year, and for the most part they were all new to these roles...I want to congratulate them early for the effort and work to put this together, it is a lot of work. Also, specifically thank you to Michael Bos for his efforts in leading the conference committee this year! Please make an effort to thank our volunteers, their efforts make our conference THE conference for Building SCO's year after year! I hope many of you have the opportunity to attend the Pre-conference training put on by HRAI. Finally, the board has been busy this year and we look forward to providing you with updates on a variety of issues at our AGM.

Welcome and enjoy our 2018 ABOA Fall Conference & AGM, I look forward to seeing you there.

Ryan Nixon

President  
Alberta Building Officials Association



## Tuesday, September 18

8:30 am – 4:30 pm

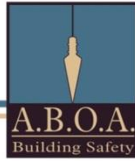
### Building Officials Guide to Understanding HVAC Building Code Requirements

Preconference Training presented by HRAI

This one day course has been specifically designed for building officials. HRAI has put together a curriculum that outlines the building science related to ventilation and air change design (ducts); ventilation requirements, changes with the new CSA F280-12, CAN/CSA-F326, and a review of key requirements for heating and air-conditioning systems. Typical installation procedures and code requirements will be presented using photographs of installed systems and other documentation.

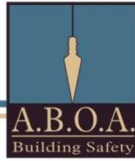
**Limited Spots Available, Register Early!--**





## Wednesday, September 19

7:30 am – 8:30 am	<b>Registration &amp; Continental Breakfast</b>
9:00 am – 10:00 am	Building Technical Session: <b>Alberta Building Code Discussion</b> <i>Alberta Municipal Affairs</i>
10:00 am – 10:15 am	<b>Coffee Break</b>
10:15 am – 12:00 pm	Building Technical Session con't: <b>Alberta Building Code Discussion</b> <i>Alberta Municipal Affairs</i>
12:00 pm – 1:00 pm	<b>Lunch</b> - <i>Sponsored by Safety Codes Council</i>
1:00 pm – 2:30 pm	<b>Fire Spread in Multifamily Apartments</b> <i>Keith Calder, Jensen Hughes</i>
2:30 pm – 2:45 pm	<b>Coffee Break</b>
2:45 pm – 4:00 pm	<b>Integrated Systems and Testing</b> <i>Martin Coles, Jensen Hughes</i>
4:00 pm – 5:30 pm	<b>Council Connect Demonstration</b> <i>Cheryl Bozek Danielle Paradis</i>
	<p>Join us for a demonstration on Safety Codes Council's new online user system. This system will be your portal to the Safety Codes Council. Register and pay for courses and exams, apply and pay for new certifications and renewals, view and print your transactions receipts, receive notices of renewals due dates, receive new requirements such as code update training, register and pay for courses and exams, access online courses through Council Connect integrated account, keep track of upcoming and completed training events on your home page, and more.</p>
5:30 pm – 10:00 pm	<b>Hospitality Dinner &amp; Cash Bar</b> <i>Sponsored by ABOA</i>



## Thursday, September 20

- 7:30 am – 8:30 am      **Registration & Continental Breakfast**
- 8:30 am – 8:45 am      **Opening Remarks**  
*Mayor Bob Young, City of Leduc*  
*Ryan Nixon, ABOA President*
- 8:45 am – 10:15 am      **Your Best Presentation: Tying Principles of Administrative Justice to Everyday Practices**  
*Deborah Howes, High Clouds Inc.*
- Your Best Presentation** starts with every day practices used by SCO's in their inspections. The processes you use can create challenges about fairness or evidence when seeking compliance or in appeal hearings. How you explain the basis for your order enhances compliance or triggers appeals. The format and style of your presentation at the appeal hearing should convince the appeal panel to uphold your order. This session touches on all these aspects of everyday practices. It will provide best practices tips and tools for every SCO.
- 10:15 am – 10:30 am      **Coffee Break - Sponsored by CUFCA**
- 10:30 am – 12:00 pm      **Firestop Enforcement Bootcamp**  
*Eric De Amorim, Specified Technologies Inc.*
- This three step presentation is intended to provide building officials with insight on common firestop deficiencies by Identifying the problem, Understanding the problem, and Tips on how to quickly and effectively perform firestop inspections.
- 12:00 pm – 1:00 pm      **Lunch - Sponsored by City of Lethbridge**
- 1:00 pm – 2:30 pm      **Acoustics – Avoiding Complaints and Meeting/Exceeding Building Code Requirements**  
*Andre Rioux, AcoustiTECH (Division of FINITEC GROUP)*
- Building code requirements are defined and acoustic principles are outlined in this presentation. Case studies and examples are provided to help recognize the proper acoustic solution.
- 2:30 pm – 2:45 pm      **Coffee Break – Sponsored by Safety Codes Council**

...continued next page...



## Thursday, September 20

2:45 pm – 4:15 pm

### **Campus Innovation: Piloting Tall Wood at the University of British Columbia**

*Angelique Pilon, University of British Columbia*

UBC has been part of the recent growth of mass timber construction, driven by new engineered wood products, design tools and construction practices. UBC's Vancouver campus demonstrates the range of wood products in a multitude of academic, utility, athletic and residential buildings. The newest addition to that portfolio is Brock Commons Tallwood House, an 18-storey student residence with a hybrid mass-timber structure. Brock Commons was the first North American use of mass-timber products in a residential high-rise and, when completed in the summer of 2017, the tallest contemporary wood building in the world.

This presentation will provide an overview of the design and construction of Brock Commons, as a case study of an innovation pilot. It will include a description of the site specific regulation process and requirements for code approval, as well as a synopsis of research findings into the embodied carbon and operational energy/carbon of the project. It will end with a brief overview of UBC's new Green Building Plan, a framework policy to guide the planning and design of new building projects on campus.

4:15 pm – 5:00 pm

### **ABOA Annual General Meeting**

5:30 pm – 7:00 pm

### **Dinner – Buffet style and cash bar**

*Sponsored by ABOA*

7:30 pm – 9:00 pm

### **Rig Hand Craft Distillery Tour and Tasting**

Join us at an award winning local craft distillery to taste spirits made from grains, berries, and beets sourced in Alberta.



## Friday, September 21

7:30 am – 8:30 am

### **Breakfast**

8:30 am – 10:00 am

### **Fire Resistance of Mass Timber Products**

*Marc Alam, Canadian Wood Council*

This presentation covers mass timber products (Glulam, CLT, NLT) including standard and nonstandard fire testing. It also addresses what is available in the building codes and the CSA-O86 Annex B for calculating fire-resistance ratings of mass timber. A background on encapsulated mass timber may also be presented.

10:00 am – 10:15 am

### **Coffee Break**

10:15 am – 11:45 am

### **Temporary Festival Tents and Arrangements**

*David Flanagan, City of Edmonton*

This presentation will explore the Safety Codes process, from permit intake to site inspections for temporary "festivals"

11:45 am – 12:00 pm

### **Closing Remarks**

*Ryan Nixon, ABOA President*