

AIA/Continuing Education Learning Seminar  
**Building Optimization:  
 Innovations from Ontario, Canada**

*Commercial and Light Commercial Construction Focus*

Thursday, March 1, 2018 | Chicago, Illinois | 8:30 a.m. – 4:45 p.m.

Attend this complimentary full-day seminar focused on **Innovations from Ontario** and learn about building optimization.

**Hosted by:** Consulate General of Canada in Chicago, Government of Ontario, and AIA Chicago

**Cost:** Complimentary / Registration is required. Continental breakfast and lunch provided.

**Location:** Conference center adjacent to AIA Chicago  
 35 East Wacker Drive, Suite 260  
 Chicago, Illinois 60601

Register by Friday, February 23, 2018

Register early - space is limited!

**[CLICK HERE TO REGISTER](#)**

**Who should attend?**

Architects, LEED APs, Engineers, and Building Professionals

**Agenda Overview:**

8:30 a.m. – 9:00 a.m. **Registration, continental breakfast and exhibits**

9:10 a.m. – 4:45 p.m. **Seminars**



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## Agenda

8:30 – 9:10 am		Registration, Breakfast and Exhibits
9:10 – 10:10 a.m.	<b>The Role of Commercial Steel Doors in Resilient Design</b> <i>AMBICO Limited – Steve Peterman, Director of Sales and Marketing</i>	
	Resiliency is a growing necessity. It is important to understand the impacts on the built environment resulting from natural and manmade disasters and disturbances, and to design for those impacts now. Presented in this course is an overview of the benefits of using steel doors as part of a resilient design strategy for applications requiring resistance to blasts, tornadoes, and ballistics.	
		1 LU/HSW
10:20 – 11:20 a.m.	<b>Introduction to Cost-Effective Energy Savings with Drain Water Heat Recovery Systems</b> <i>RenewABILITY Energy Inc. - Gerald Van Decker, MA.Sc., PE, President and CEO</i>	
	With over 100,000 units saving energy every day, proven Drain Water Heat Recovery technologies have been designed into residential and commercial buildings in many countries and are now even mandatory in some jurisdictions. This course provides clear explanation of how falling-film Drain Water Heat Recovery systems work and explains how to include DWHR in single-family residential, multi-family residential and commercial buildings, including hotels, hospitals, restaurants, and prisons. Upon completion of this course one will have an intuitive sense about where and when to consider Drain Water Heat Recovery technologies and the value that these technologies can offer in energy savings, potential LEED® and HERS point contributions, and complying with Energy Codes.	
		1 LU/HSW & 1 GBCI
11:20– 11:30 a.m.		Break and Exhibits
11.30 – 12:30 p.m.	<b>Mineral Paints and Stains: durable, breathable products that will last a lifetime on your building's exterior</b> <i>PermaTint, Limited –Dustin Jepson, President</i>	
	Mineral based stains and paints are a permanent way to change the color of brick, stone, concrete, cement render/stucco, precast or other absorbent, mineral based surfaces. Mineral based stains and paints do not stick to the surface like normal (acrylic/latex) paint - they soak in and bond to the inside of the surface by chemical reaction (crystallization). The surface remains completely breathable (perm rating of 78) and moisture will never be trapped inside. Mineral based paints and stains are highly durable (lifespans of 30-40 years or more) and will never peel, offering a permanent way to beautify building exteriors.	
		1 LU/HSW & 1 GBCI
12:30 - 1:15 p.m.		Lunch and Exhibits

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1:15 - 2:15 p.m.	<p><b>Benefits of Impermeable Concrete and Permanent Impermeable Repair Materials</b> <i>Specialty Products Group and IMCO Technologies - Ed Grabinski, CSI</i></p> <p>This course addresses the impact of traditional and impermeable concrete inside and outside the building envelope. The course will discuss methods to improve longevity and sustainability of all concrete applications. Solutions to moisture and flooring problems will be presented as well as water and damp proofing concrete. Techniques and materials used to permanently repair concrete will be discussed.</p> <p style="text-align: right;"><b>1 LU/HSW</b></p>
2:30 – 3:30 p.m.	<p><b>ADA &amp; ANSI A117.1 -- Design Standards for VPL &amp; LU/LA</b> <i>Savaria - Maxime Savard, Regional Sales Manager</i></p> <p>The Americans with Disabilities Act (ADA) is an equal opportunity law that include standards for accessible design. This presentation provides an overview of ADA and ANSI A117.1 design standards for vertical platform lifts and LU/LA (limited use/limited application) elevators. The learning objectives are: understand basic information and accessibility code requirements (ANSI A117.1 and ADAAG) for platform lifts and their code limitations; understand basic information and accessibility code requirements for commercial LU/LA elevators and their code limitations. After this course, participants should have a broad understanding of ADA design standards for accessibility lifts and LU/LA elevators, their technology, application, and advantages.</p> <p style="text-align: right;"><b>1 LU/HSW</b></p>
3:30 – 4:30 p.m.	<p><b>Acoustic Isolation of Floor Ceiling Assemblies</b> <i>Pliteq - Wilson Byrick, BEng. (VP, Engineering Services)</i></p> <p>This course is designed to enable attendees to make informed decisions about sound control in floor/ceiling assemblies, highlighting industry innovations and standards. Topics to be covered:</p> <ul style="list-style-type: none"><li>• Widely-accepted test standards and measurements</li><li>• Relevant building codes</li><li>• Verification and credibility of acoustical tests</li><li>• Assessment of sound attenuation materials.</li></ul> <p style="text-align: right;"><b>1 LU/HSW</b></p>

4:30 – 4:45 p.m.

**Closing Remarks and Exhibits**