

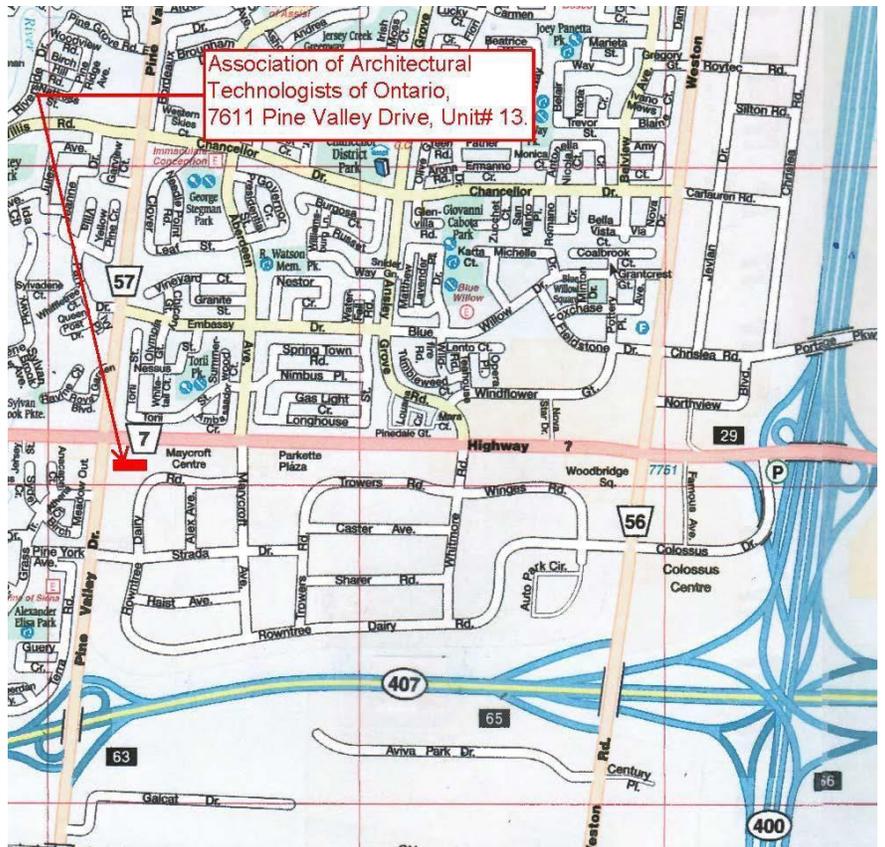
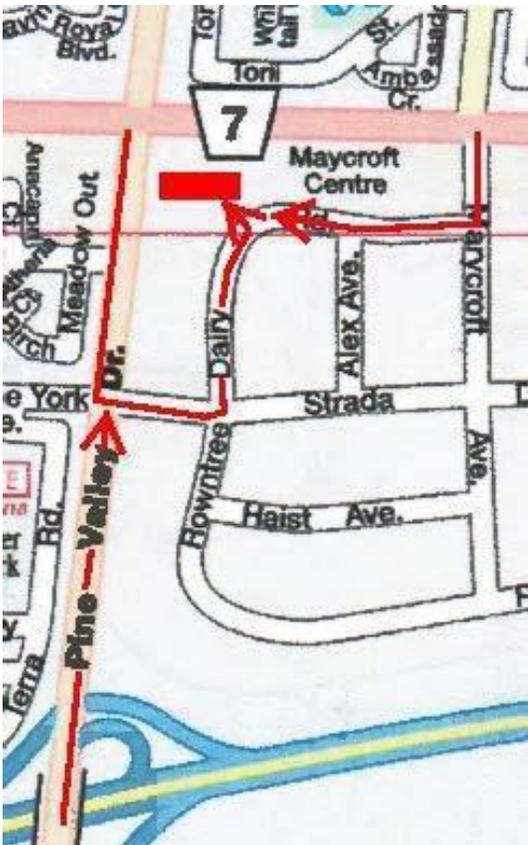


TECHNOLOGY FORUM 18

AATO 2018 Annual Technology Forum

"We hope that you will come and join us at our own new Head Office to participate in this exciting all day Technology Forum!"

Register Now!



Directions:

- If you are driving north on Pine Valley Drive, turn right onto Strada Drive then turn left onto Rowntree Dairy Road and enter the parking lot on your left.
- If you are driving west on Highway 7, turn left onto Maycroft Avenue then turn right onto Rowntree Dairy Road and enter the parking lot on your right
- If you are driving East on Highway 7, turn right onto Pine Valley Drive and then left onto Strada Drive, then turn left onto Rowntree Dairy Road and enter the parking lot on your left.

Association of Architectural Technologists of Ontario

7611 Pine Valley Drive, Unit 13, Vaughan, ON. L4L 0A2 * Fax: (905) 405-9882 Email: registrar@aato.ca



TECHNOLOGY FORUM 18

2018 TECHNOLOGY FORUM

FRIDAY, JUNE 22nd 2018

Time	Description	Fee
8:00 am – 9:00 am	Registration and Continental Breakfast <i>(please register for the breakfast)</i>	Members and Non Members - Free
9:00 am – 10:15 am	<p align="center"><u>Technical Seminar #1</u></p> <p align="center">PRESENTATION ON SOLATUBE & KALWALL Presented by Mike Vetzal of Bravura Design</p> <p align="center">Kalwall - Daylighting and Sustainable Design</p> <p>Topics discussed include the origins of translucent daylighting with the structural sandwich panel, considerations in design, enhancement of daylighting techniques, real energy conservation, the eight systems, and opportunities offered in contrast, design, form and aesthetics. The benefits of diffused natural daylighting on performance, health, productivity, safety and sustainable design are emphasized. Specialty performance systems including explosion venting, blast resistant, hurricane impact and OSHA fall through protection is included.</p> <p>Solatube – Introduction to Tubular Daylighting Devices</p> <p>Learn about the latest advanced optical daylighting technology and a new product category – the Tubular Daylighting Device (TDD) which makes daylighting a space as easy as applying traditional lighting equipment. After a brief overview of typical daylighting strategies and key energy- and human performance-based reasons for daylighting today’s buildings, the audience is introduced to the three technology zones that are common to every TDD. Commercially-available component-technologies are compared and contrasted, allowing the designer to make informed decisions when choosing the appropriate TDD technology for their application.</p>	<p>Students - \$5.00 Members - \$30.00 Non-Members - \$45.00</p> <p align="center">Certificates will be issued 1.25 CPD credits AATO – OAA – BSSO</p>
10:15 am – 10:30 am	<u>Mid-Morning Coffee Break</u>	Members and Non Members - Free
10:30 am – 11:45 am	<p align="center"><u>Technical Seminar # 2</u></p> <p align="center">RECENT CHANGES TO THE CONSTRUCTION LIEN ACT Presented by Matt Ainley of Ontario General Contractors Association.</p> <p>On May 31, 2017, the Ontario government introduced Bill 142 that, if passed, would significantly amend the <i>Construction Lien Act</i> to create a prompt payment regime, require the mandatory adjudication of certain construction disputes, and implement various additional amendments to modernize the Act. The Bill incorporates almost all of the 100 recommendations of an in-depth report commissioned by the government in 2015 which included a broad industry stakeholder consultation process spanning approximately 14 months.</p>	<p>Students - \$5.00 Members - \$30.00 Non-Members - \$45.00</p> <p align="center">Certificates will be issued 1.25 CPD credits AATO – OAA – BSSO</p>
11:45 am – 12:30 pm	<u>Lunch Buffet Break</u> <i>(please register for the Lunch Buffet)</i>	Members and Non Members - Free



TECHNOLOGY FORUM 18

Time	Description	Fee
12:30 pm – 1:45 pm	<p align="center"><u>Technical Seminar #3</u></p> <p>RECENT CHANGES TO THE 2012 ONTARIO BUILDING CODE Presented by Alek Antoniuk of Code News Consulting Corp.</p> <p>Houses - (came into effect on July 1, 2017) Background - Ontario's Long-Term Affordable Housing Strategy</p> <p>Retirement Homes - (came into effect on July 1, 2017) Background – the Retirement Homes Act ▯ Definition & Classification Selected Technical Changes for New Construction</p> <p>Electric Vehicle Charging - (came into effect on January 1, 2018) Background - Climate Change Action Plan What is electric vehicle supply equipment? Electric Vehicle Charging Systems for "Part 9" Buildings Electric Vehicle Charging Systems for "Part 3" Buildings Ontario Electrical Code Provisions Inspection Issues Questions & Answers prepared by the Building & Development Branch</p>	<p>Students - \$5.00 Members - \$30.00 Non-Members - \$45.00</p> <p align="right">Certificates will be issued 1.25 CPD credits AATO – OAA – BSSO</p>
1:45 pm – 3:00 pm	<p align="center"><u>Technical Seminar # 4</u></p> <p>CHANGES TO OBC SB-12 & ADVANCED HVAC & COMFORT Presented by Dara Bowser of Bowser Technical Inc.</p> <p>SB12 – What's Up Next? Is Net-Zero in your future Will energy ratings be required for all homes? Comfort Systems for Residential Architectural Designers, or</p> <p>“Why are we still designing HVAC systems the way we did in 1962?” New approaches for modern energy efficient homes. New solutions for old</p>	<p>Students - \$5.00 Members - \$30.00 Non-Members - \$45.00</p> <p align="right">Certificates will be issued 1.25 CPD credits AATO – OAA – BSSO</p>
3:00 pm – 3:15 pm	<p><u>Mid Afternoon Coffee Break</u></p>	<p>Members and Non Members - Free</p>
3:15 pm – 4:30pm	<p align="center"><u>Technical Seminar # 5</u></p> <p>BETTER THAN CODE & HERS EXPLAINED Presented by John Godden of Clearsphere</p> <p>Home builders are facing a challenge: Government climate change policies and interim Building Code changes in 2020 are going to make it expensive to do business, while prescriptive building packages will make it difficult to differentiate your brand in the marketplace. Better Than Code is the solution.</p> <p>Better Than Code is a home-building platform backed by 35 years of hands-on experience in energy-efficient home design and building. Using our white-label solution, builders and designers can customize their offerings, make informed choices, differentiate their brand from the pack, and enjoy the assurance of third-party validation – all while building homes the way they want to.</p> <p>We'll help you make the right design choices and pre-test your designs for Code compliance. Get step-by-step support through the permit process, plan for future Building Code changes, and set yourself apart from your competitors.</p>	<p>Students - \$5.00 Members - \$30.00 Non-Members - \$45.00</p> <p align="right">Certificates will be issued 1.25 CPD credits AATO – OAA – BSSO</p>

ISSUANCE OF ATTENDANCE CERTIFICATES



TECHNOLOGY FORUM 18

BIOGRAPHIES OF THE DAY'S TECHNICAL SESSION PRESENTERS



Mike Vetzal

Director of Business Development, Bravura Group and he is on a mission to help the design community utilize highly advanced daylighting systems and technologies in their projects. As one of the most knowledgeable experts in advanced daylighting systems, Mike Vetzal leads a team of consultants across Canada and the US who assist architects, technologists, and engineers implement the correct technology and system into their building design. Over the last 12 years, he has been traveling the globe researching products & theories, and assisting manufacturers to further develop and enhance their technologies for use in the North American ICI market.



Matt Ainley

is a construction executive with 36 years of experience in the Canadian Institutional, Commercial and Industrial (ICI) general contracting market place. Matt worked with Bird Construction as Senior Vice President, a publicly traded construction company from 2012 to 2017. At Bird, he was a member of the senior executive team and had P&L responsibility for several business districts and was the executive in charge for several P3's for the company. Matt retired from fulltime work in 2017. Prior to Bird, Matt was the Executive Vice President of Carillion Canada's building division from 2009 to 2011. Carillion Canada is a subsidiary of Carillion plc, a publicly traded UK construction company. At Carillion, he had full P&L responsibility for Canada. Matt joined Carillion as a result of the sale of Vanbots Construction Corporation in the fall of 2008. Matt was the President & COO and a shareholder of Vanbots, a privately held general contracting company with \$750 million in annual sales. Matt worked for the company for 23 years and held positions of Superintendent, Chief Estimator, Project Manager and Executive Vice President. Currently, Matt represents the Ontario General Contractors Association (OGCA) on the Lien Reform Act Committee in Ontario for the new Construction Act, is a Director at Scarborough Rouge Hospital (SRH) and the Chair of the General Contractors Alliance of Canada (GCAC).



Alek Antoniuk

has over 34 years of experience in building code development and design and is a recognized expert in the development of construction codes in Canada. Alek Antoniuk gained a hands-on appreciation of the complexities of the building permit process as the principal of his own architectural design practice for 5 years and as the deputy chief building official for the former Borough of East York (now City of Toronto) for 5 years. Although he is best known for coordinating and managing the technical development of the 2006 and 2012 editions of the Ontario Building Code, Alek Antoniuk played a lead role in managing the code advisory services of the Ontario Ministry of Municipal Affairs and Housing since 1989. He is also known for initiating the CodeNews e- bulletin service.

He has a dedicated interest in the sensible and practical application of codes and has been involved for many years in the development of codes and standards in Ontario and Canada. He has also participated extensively as an active member on numerous government and industry committees and panels.

Alek Antoniuk completed his Bachelor of Architecture degree at the University of Waterloo and has been a member of the OAA since 1980. He holds an Ontario BCIN for all OBC categories of qualifications.



Dara Bowser

has been involved in residential HVAC systems and sustainable building as a consultant, manufacturer, researcher and trainer for more than almost 40 years.

Dara is the president of Bowser Technical Inc; a nationally recognized consultancy specializing in HVAC System Performance. Bowser Technical Inc also provides HVAC design and sustainability consulting services for small buildings in Ontario.

Dara is Co-Chair of the Brantford Brownfields Community Advisory Committee. This volunteer committee composed primarily of citizens, advises council on matters concerning Brownfields in Brantford. The committee also undertakes activities around public education, community engagement, and is not beyond promotion and advocacy.

Dara studied Building Technology, Architecture and Building Science and Technology at Vanier College in Montreal from 1974 to 1978 and is also a member of the Association of Architectural Technologists of Ontario and has been a member since 1981.



John Godden

has over 35 years of experience in the green building and sustainable energy field. After graduating from University of Waterloo's renowned Environmental Studies program he became a sought after HVAC and housing systems designer. As a green building and energy rating consultant, he's taken the lead on a number of groundbreaking programs that are now part of the regular construction

vocabulary -- R-2000, ENERGY STAR, EnerGuide, LEED for Homes and The Better Than Code performance approach.

John co-designed ENERGY STAR workshops for builders and advisors in Ontario and regularly delivers seminars on air-tightness, better building practices, and green sales and marketing.

John has been invited to bring his expertise to several committees. He is the President of the Canadian Residential Energy Service Network (CRESNET), founder of the Sustainable Housing Foundation, and was a member of the national technical committee for CaGBC that developed the LEED Canada for Homes program. In addition, he helps builders and designers integrate energy efficiency, sustainability and mechanical systems into small buildings. Lastly, John is the publisher of Better Builder magazine.



TECHNOLOGY FORUM 18

Name: _____	Membership No: _____
Address: _____	Non Member check: _____

Tel: _____	Email: _____

	MEMBER PRICE	NON MEMBER PRICE	STUDENT PRICE	check box if attending	TOTAL AMOUNT
Friday, June 22, 2018					
Breakfast and Registration					\$0.00
Technical Session #1	\$30.00	\$45.00	\$5.00		
Morning Coffee Break					\$0.00
Technical Session #2	\$30.00	\$45.00	\$5.00		
Buffet Lunch Break					\$0.00
Technical Session #3	\$30.00	\$45.00	\$5.00		
Technical Session #4	\$30.00	\$45.00	\$5.00		
Afternoon Coffee Break					\$0.00
Technical Session #5	\$30.00	\$45.00	\$5.00		
Issuance of Attendance Certificates					
SUB TOTAL:					
ADD 13% HST:					
TOTAL AMOUNT DUE:					

METHOD OF PAYMENT

- If paying by VISA/MasterCard, please scan and email this form (page 6 only) to registrar@aato.ca
- An invoice will be sent to you for payment.
- If paying by Cheque, Bank Draft or Money Order, please mail this form to the AATO office address below.

The information contained in this document is intended only to provide a summary and general overview of those matters presented in the seminars. It is not intended to be comprehensive. The information provided is done in good faith and every reasonable attempt has been taken to ensure the information contained in this document is accurate at the time of release.

Please indicate if you have any dietary restrictions or accessibility concerns below along with a contact phone number: _____