



THE
BUILDINGS
SHOW

HOMEBUILDER
& RENOVATOR EXPO

Attendee Planner

Nov. 29 - Dec. 1, 2017

Metro Toronto Convention Centre

thebuildingsshow.com

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Principal Association



BILD®

Show Floor Info & Features

Attend HomeBuilder & Renovator Expo @ The Buildings Show

More than 30,500 design, architecture, construction and real estate professionals attend The Buildings Show annually to connect with 1,600 Canadian, US and international suppliers on the show floors in both the South and North buildings.

Leave enough time to discover new products and inspiring trends and to connect with key industry exhibitors and like-minded professionals. Through live demonstrations and in-booth engagement, attendees will discover the latest products, solutions and technologies from leading suppliers.

Together with Construct Canada, PM Expo, World of Concrete Pavilion and IIDEXCanada, HomeBuilder & Renovator Expo will leave you with the tools needed to sharpen your skills and continue your professional development.

Plan Your Days

There's lots to see so be sure to get the most out of your Show experience by planning in advance. For starters, visit thebuildingsshow.com to access tools to plan and maximize your time:

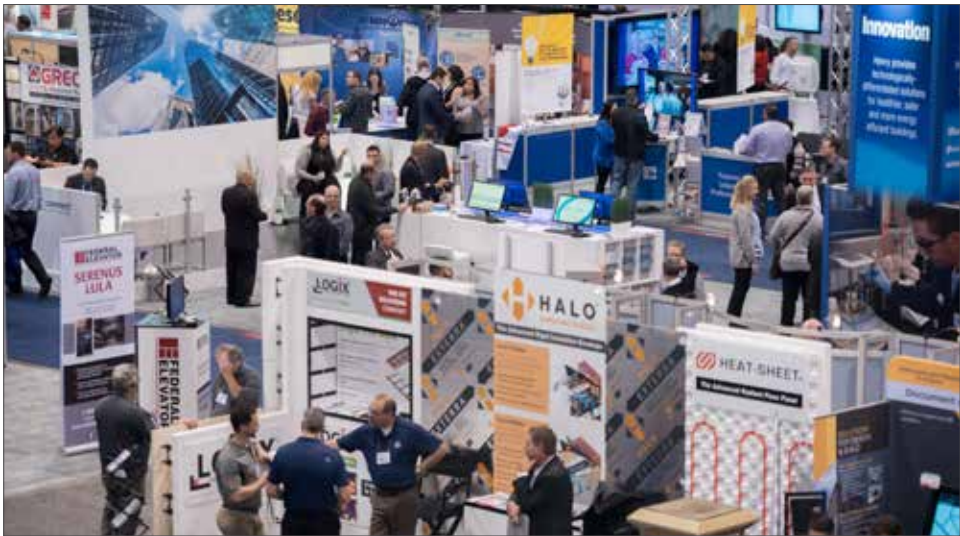
- **Make a list of “must see” and “want to see” booths** by browsing and researching 1,600+ exhibits online.
- **Choose from 350+ seminars, roundtables, workshops and summits** and register before November 15 to take advantage of the early bird discount.
- Consider booking a hotel room close to the Convention Center. **Book your hotel room in advance**, through the website, to receive Show discounts.
- Prioritize your route and **download the Show's mobile app**. Find exhibitors on the show floor, network with peers and schedule your sessions.



Mobile App Coming Soon!



- Access the full seminar program & live demos
- Network & connect with industry professionals
- Find exhibitors on the Show Floor
- Follow the live social media



Gain Valuable Insight

Access the latest industry insight all under one roof! Get inspired, discover trends, demo products and build relationships.

Featured Areas on the Exhibit Floor

- Innovative Product Demonstrations
- World of Concrete Pavilion
- Steel Products Zone
- Energy Performance Zone
- Roofing Products Zone
- Security & Life Safety Zone

Over 1,600 Exhibiting Companies

The Buildings Show is THE industry market place to help you renovate and retrofit buildings. Discover key suppliers in your market sector, including:

- Amvic Building System
- Brampton Brick
- Lumon Canada
- Ply Gem Canada
- Warmup

Find out more about participating exhibitors in the Online Exhibitor Directory.

The Buildings Show Hours

South Building		
	Show Floor	Programming
Nov. 29	10 am - 5 pm	8 am - 4pm
Nov. 30	10 am - 5 pm	8 am - 4pm
Dec. 1	9 am - 1 pm	N/A

North Building		
	Show Floor	Programming
Nov. 29	9 am - 7 pm	8 am - 5 pm
Nov. 30	9 am - 6 pm	8 am - 5 pm

Any Questions?

thebuildingsshow.com

Call (416) 512-0203

Connect with us



Learning & Networking Opportunities

Educational Programming

Created to inspire and motivate, The Buildings Show offers unique programming of thought-provoking summits, renowned speakers and accredited seminars addressing topics about estimating, project management, design and construction, building codes, new products and technology:

- Access a comprehensive educational agenda of 350+ seminars, roundtables, workshops and summits.
- Customize your education on topics related to how to renovate, construct and retrofit all types of residential buildings.
- Hear from 500+ inspiring leaders and influential thinkers over two days as they address issues and trends for architects, builders, contractors, engineers and renovators.
- Earn continuing education credits from a wide range of providers such as OAA, BOMA, IDCEC and OBEC.

Recommended Roundtables, Summits & Keynotes



International Architectural Roundtable - Cities and Densification: Weaving Our New Urban Fabric

S101 • Wed, Nov 29 • 8 am - 10 am
South Building • \$100/\$110

The world's population is becoming increasingly urban, with more than half of the global population living in cities. This year's International Architectural Roundtable brings together architects addressing the issues associated with the most rapidly growing of our urban environments.

Ask the Experts Breakfast: An Open Discussion on Concrete
S105 & S106 • Wed, Nov 29 & Thurs, Nov 30
7 am - 8:30 am • South Building • \$100/\$110
Get answers to your toughest concrete challenges from industry experts in an intimate and open setting. Hosted by BASF Corporation, Ask the Experts Breakfast will provide you with the opportunity to pose questions to a panel of concrete industry experts. Breakfast is included.



Professional & Personal Skills Development with Kevin Lust
Wed, Nov 29 & Thurs, Nov 30 • 9 am - 3 pm
South Building • \$100/\$110 (per session)
For the past fourteen years, Kevin Lust has proven to be one of the most popular speakers at the Show, providing valuable insights and advice on personal skills and professional development for individuals and executives across the entire industry.



THINK:Material
Wed, Nov 29 & Thurs, Nov 30 • North Building
THINK:Material is an IIDEXCanada special feature exhibition and online library of the world's most inventive, cutting edge and sustainable materials.

Passive House Summit
W16 • Wed, Nov 29 • 8:30 am - 1 pm • North Building
This summit will delve into the key principles of Passive House design, including airtight building envelopes, passive heating/cooling, ventilation, minimal mechanical systems, certified products, and affordability.

Recommended Industry Events

- South Building Networking Reception**
Wed, Nov 29 & Thurs, Nov 30 • 3 pm - 5 pm • South Building
Network with industry professionals and enjoy a complimentary beverage on the Show Floor.
- Innovative Product Award**
Thurs, Nov 30 • 3:30 pm - 4 pm • South Building
Established by the Toronto Construction Association, awards will be presented to short-listed suppliers who demonstrate the development, and/or the use of innovative technologies in their respective industries.
- Canadian Architect Awards of Excellence & Canadian Interiors Best of Canada Reception**
Wed, Nov 29 • 4 pm - 7 pm • North Building
Come to a cocktail presentation of this year's award winners. Celebrate on the North Building show floor with leading architects, developers and clients.
- IIDEX Woodshop: Innovation & Competition Winner's Reception**
Wed, Nov. 29 • 5 pm - 7 pm • North Building
This popular annual exhibition provides a tremendous opportunity to explore innovative wood solutions and designs.

Educational Streams

Building Envelope Solutions	P. 06
Case Studies & Innovative Projects	P. 06
International Trade & Business Development	P. 07
Legal, Regulator & Risk Management	P. 08
Speaker & Trainer: Kevin Lust	P. 09
New Products, Technologies & Innovations	P. 10
Optimizing Building Performance & Enhancing Net Asset Value	P. 12
Professional Skills, Strategy & Leadership	P. 13
Project Design, Planning, Delivery, Management & Best Practices	P. 14
Sustainable Design, Environment & High-Performance Buildings	P. 15

Register Online Before Nov. 15 to Access the Early Bird Rate!
thebuildingsshow.com

Session Categories								
Building Envelope Solutions	Case Studies & Innovative Projects	Sustainable Design, Environment & High Performance Buildings	International Trade & Business Development	Legal, Regulatory & Risk Management	New Products, Technologies & Innovations	Optimizing Building Performance & Enhancing Net Asset Value	Professional Skills, Strategy & Leadership	Project Design, Planning, Delivery, Management & Best Practices
Code								
Session Title								
7:00 am - 8:30 am								
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8:00 am - 10:00 am								
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9:00 am - 11:00 am								
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9:00 am - 12:00 pm								
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2:30 pm - 4:00 pm								
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Seminar Overview: Wed. Nov. 29

W & T: 75-90 minute Topic-Specific Workshops are \$45 in advance; \$50 after November 15.

S: 2-3 hours in-depth Super Seminars are \$100 in advance; \$110 after November 15.

P: 2-3 hours Professional Development Tutorials led by expert faculty are \$100 in advance; \$110 after November 15.

HomeBuilder & Renovator Expo Exhibitors (as of Oct.10)

Al Andalusia For Air Outlets	Systems	Gentek Building Products	Lumon Canada	Raildek	Stylish Sinks + Faucets
Alumax Panel	ConstructBuy.com	Gerard Daniel Worldwide	maibec	Reliance Worldwide (Canada)	Summit / Protect
Amvic Building System	Cutek	GoliathTech Screw Piles	Masonal Stone	RenoRun	Superior Walls
Azure City Building Solutions	DaVinci Roofscapes	Green Metal Roofing & Manufacturing	Milwaukee Tools	ROCKFON Acoustical Ceilings	Taiga Building Products
Belanger	DeckRite Canada Sundecks		NAPOLION FIREPLACES	Roxul	Tajima Tools
Brampton Brick	Dec-Tec	Greenstone Structural Solutions Ontario	Napoleon Heating & Cooling	Royal Building Products	Tarion Warranty
Buildertrend	DMX Membranes	Helly Hansen Leisure Canada	NAVIEN	Rubaroc	The Interactive Abode
Building Industry and Land Development Association (BILD)	DRlcore Products	HomeStars	Nissan Commercial Vehicles	Rymar Synthetic Grass and Rubber	The Marwin Company
Building Material Works	Estwing Manufacturing	Huber Engineered Woods	Nortem	Safeguard Technology	Therm-O-Comfort
Building Products of Canada	Federated Insurance	HPAC	Norton Abrasives/Saint-Gobain	Sagiper North America	Trex Company
Canadian Contractor	Festool USA	Icynene	On-Site	Seguro Aluminum Railings	Tuff Industries Waterproofing Solutions
Canadian Homes & Cottages Trade Edition	FIAT Chrysler Automobiles (FCA) Canada	IHL CANADA (Investment Hardware)	Panasonic Canada	Select Stone Supply	Umbrela Smart
ClairiTech Innovations & Humidex	Foundation Supportworks of Ontario/Canadian Concrete Leveling	Isolofoam Group	Parrot	Simpson Strong-Tie	Uponor
Constellation HomeBuilder	Fox Blocks	Keene Building Products	Phantom Screens/Ontario Screen Systems	SoftPlan	Warmup
	Garaventa Canada	King Packaged Materials	Ply Gem Canada/Mitten by Ply Gem	Southbrook Cabinetry	Woodtone
		LeafFilter™ North	Polyform	Stabila	XL Flooring / EZ Lay Flooring
				Steel-Craft Door Products	

Session Categories								
Building Envelope Solutions	Case Studies & Innovative Projects	Sustainable Design, Environment & High Performance Buildings	International Trade & Business Development	Legal, Regulatory & Risk Management	New Products, Technologies & Innovations	Optimizing Building Performance & Enhancing Net Asset Value	Professional Skills, Strategy & Leadership	Project Design, Planning, Delivery, Management & Best Practices

Seminar Overview: Thurs. Nov. 30

Visit thebuildingsshow.com for OAA, OBEC, IDCEC and BOMI specific sessions.



Ontario
Association
of Architects



Code	Session Title
7:00 am - 8:30 am	
S106	Ask the Experts Breakfast (BASF)
9:00 am - 11:00 am	
P103	How to Work More Effectively With Your Clients and Colleagues to Get It All Done
9:00 am - 10:15 am	
T120	Avoiding Costly Building and Renovation Mistakes
T121	Residential Heat/Energy Recovery and the Importance of Balanced Ventilation
T150	The Critical Role of Admixtures in Concrete Performance and Durability
T400	TOcore: Planning Downtown for a Strong Future
T500	Why "Total Precast" Should be Your Next Build System (Stubbe's Precast)
T504	What You Need to Know About Disastrous Events In Your Buildings and How They Should be Handled (Diresco)
10:30 am - 12:00 pm	
T122	Quoting on Your Next Job Successfully: Bidding and Pricing in the Residential Market
T123	Windows: Perspective from an Architect, a Consultant and an Owner
T501	The Future of Home Builder Regulation and Statutory Warranty in Ontario (Tarion Warranty Corporation)
1:00 pm - 3:00 pm	
P104	Managing Multiple Priorities, Projects and Deadlines
1:00 pm - 2:15 pm	
T105	New and Innovative Green Building Products, Services and Systems
T114	Change Management Strategies: Building a Lasting Design and Construction Business
T124	Net-Zero Upgrade to an Existing Semi-Detached House - Construction Follow-up
T125	Kitchen and Bath: Latest Trends and Innovations in Design and Installation
T402	Working in Non-Traditional International Markets
T502	Facades For the Future (Engineered Assemblies)
2:30 pm - 4:00 pm	
T111	Lighting Trends: What Should You Know for 2018
T126	Retrofit Technologies for Wood-Framed Construction: Cladding, Insulation and Moisture Management
T403	Doing Business in Latin America
T503	Making Retail Rentals More Competitive with Energy and Mechanical Equipment Management (Enercare Connections)

Construct Canada, IIDEXCanada, PM Expo & World of Concrete Pavilion Additional Exhibitors of Interest (as of Oct.10)

3M Canada
AccuCrete
ACO Canada
Agway Metals
Akrobond Building Solutions / Isomat S.A.
ARCACOUSTICS™
Arctic Chiller Group
Artistic Skylight
Atlas-Apex Roofing
Bon Tool
Bradstone/StoneRox
Brooklin Concrete Products
Building Industry and Land Development Association (BILD)
Building Magazine
Buzon Canada (Jolani Distribution)
Canada Green Building Council
Canadian Architect

Canadian Contractor
Can-Sky Roofing & Sheet Metal
Castle Access Panels
CertainTeed
CimentArt Canada
Concreation Canada
Concrete Ontario
Construction Canada Magazine
Convenience Group
Corkco Canada
Cosella-Dorken
Products
Countrytowne Metal Roofing
CRCA/OIRCA
CRL-U.S. Aluminum
Custom Building Products
D.I. Roof Seamers
Deb Canada

Delta Roofing
Dor-Control Craftsmen
Dripstop by Filc
DTT Canada
Dulux Paints - PPG
Architectural Coatings
DuROCK Alfacing
International
Duro-Last Roofing
ECO-INSULATED Panel Manufacturing
Efficiency Engineering
Elastizell Canada
Exova Canada
Federation of Rental-Housing Providers of Ontario
FilcoTen & Gatic by Hydro BG
Flexmaster Canada
Forbo Flooring Systems
FORSMITH Building Science Consultants

Geoform Canada
Georgia-Pacific Gypsum
Insulation
Gym-Con
HC Products
HD Supply
Henry Company
Hi-Lon Glass Services
Hogan Company
Husqvarna Construction Products
Hydrostar Products
IKO
International Leak Detection
International Solar Solutions (iSolar)
International Surface Preparation Canada
IRC Building Sciences Group
ISPAN Systems

I-XL Building Products
Kemper System Canada
Kinesik Engineered Products
KOSTER American
Kraus
Kryton International
Lecol
Liftec Slabjacking
LiveRoof
LOGIX Insulated Concrete Forms
Magnus Chemicals
Mannington Commercial
MAPEI
M-D PRO
Mechanical Contractors Association of Toronto
Meridian Brick
Meti-Span
MJ Building Envelope Solutions

Nana Wall Systems
Nanophyll
NaturaSeal Distribution
Next Level Stormwater Management
Niagara Protective Coatings
Northstar
Ontario Construction Report
Pinnacle Group
PlanGrid Canada
Plasti-Fab
Poraver North America
Priority Submetering Solutions
ProActive Backflow Prevention Solutions
Pro-Door & Dock Systems
PurEpoxy
Regal Windows & Railings Systems

Reinforcing Steel Institute of Canada
RHEINZINK America
Rismat (FloorGuard)
Matting Systems
RPM Rollformed Metal Products (HSD)
Ruel Brothers - Moeding S-51
SAFTI FIRST Fire Rated Glazing Solutions
Saint-Gobain ADFORS
Sherwin Williams Paint
Sika Canada
Skyline Group
Soprema
Soprema Acoustic / AcoustiTECH
Spar Marathon Roofing Supplies
Steam Sauna
Stego
StonCor Group Canada

Structegra
Swenson Shear
Techno Metal Post
The Belden Brick Company
Titanium & RhinoRoof
Toronto Hydro
Tremco Canada
Tri-Tech
Weatherproofing
u-drain by Norstar Industries
Unilock
Urbanscape Greenroof System - A.M.A.
Velux Canada
Vicwest Building Products
W.R. Meadows of Canada
Williams Form Hardware
ZinCo Canada
Zucip

Building Envelope Solutions

Wed. Nov. 29

9:00 am - 10:15 am

W121 - Masonry Veneer on Mid-Rise Wood Frames

In 2015, the Ontario Building Code introduced changes allowing six storey wood frame structures. The code requires non-combustible cladding on these buildings, making masonry veneer the preferred cladding material. There are many misconceptions in regard to the use of masonry veneer and wood frame structures in excess of 11m. This presentation aims to clarify these misconceptions by introducing methods of incorporating and adhering full bed depth masonry to a six-storey wood frame. The presentation will include certain design considerations which must be taken into account, including the proper use of shelf angles. MasonryWorx will also review design considerations and fastening systems specific to six storey applications. This will provide architects and design professionals the technical tools needed to properly adhere masonry to a six-storey wood frame.

David Moses, Principal, Moses Structural Engineers

1:00 pm - 2:15 pm

W502 - Spray Foam Design and Inspection Considerations in Air Barrier Systems



Spray foam offers many benefits in the building envelope. Learn more on how to use spray foam as an air barrier system while performing as a vapour/ weather barrier and providing continuous insulation.

Chris Janzen, Technical Service Representative, BASF Canada

Michael Pace, President, Building Resource

W506 - Managing Complex Building Envelope Issues with Tilt-up Construction



This session will be an in-depth look at how the simplicity of tilt-up construction allows architects, engineers and builders to easily achieve continuity in the building envelope and insulation system without compromising design, functionality, or performance. Learn how the load bearings insulated system of tilt-up design allows exterior elements of a building to be isolated from the interior structure by minimizing penetrations and thermal breaks. The speaker will address the tilt-up wall design and construction and how to manage complex building envelope issues.

Sean van Rassel, Director of Business Development for Engineered Products, Dayton Superior Group of Companies

Thurs. Nov. 30

10:30 am - 12:00 pm

T123 - Windows: Perspective from an Architect, a Consultant and an Owner

Windows are important elements to the performance and aesthetics of the building envelope. The building code continues to increase minimum thresholds and consumers continue to demand performance at reasonable cost. This challenges architects, engineers, and owners to continually improve windows in new and existing buildings to meet environmental and technical challenges. In particular owners of existing buildings, commercial, condos or rental buildings, are challenged with competing with the performance of new buildings at reduced budgets and with significant construction restrictions due to existing occupancies. What are the new

trends emerging in multi-residential building design for the use of fenestration in response to the newer energy codes and consumer expectations? What key performance criteria should stakeholders focus on to realize the most improvement for a reasonable cost?

Duncan Rowe, Associate, Read Jones Christoffersen Ltd.

2:30 pm - 4:00 pm

T126 - Retrofit Technologies for Wood-Framed Construction: Cladding, Insulation and Moisture Management

In the 90's, we had the BC Leaky Condo Crisis. Today in Alberta, we face the same challenges. As different provinces are moving toward even taller wood-framed construction, it is essential that we both understand the lessons learned and take the steps necessary to prevent not only the leaks, but the resultant decay which has threatened wood-framed, low-rise buildings throughout Alberta. Today's retrofit technologies recognize that all of the various components of the wall systems must be not only designed but actually installed to allow them to work as an effective assembly. Cladding, moisture management, insulation and the structure itself must be considered for condominiums and apartment buildings. This seminar will look at real case studies of what was uncovered during recladding projects and how we got it right the second time around.

Brian Shedden, Principal, Entuitive Corporation

Case Studies & Innovative Projects

Wed. Nov. 29

10:30 am - 12:00 pm

W307 - Zibi: Lessons Learned from Canada's Most Sustainable Community Development

This session will offer an insider's look at Canada's only endorsed One Planet Community, Zibi. A sustainable and award-winning project, Zibi is a large, mixed-use community in downtown Ottawa/Gatineau with a zero carbon district energy system, and an ambitious One Planet Action Plan. Find out what is working, what needs work, and lessons learned in trying to create one of the world's most environmentally advanced communities.

Rodney Wilts, Partner, BuildGreen Solutions (a Windmill Developments Company)

Thurs. Nov. 30

1:00 pm - 2:15 pm

T124 - Net-Zero Upgrade to an Existing Semi-Detached House - Construction Follow-up

This case study presentation will outline the three stages of an existing semi-detached home conversion into a Net-zero energy project. Stage one is complete and includes the full upgrade of the envelope including additional external insulation, making the home airtight, and replacing the original single-pane windows with new high-performance windows and doors. In this presentation, the results of the monitored energy use will be presented and compared with the pre-renovation forecast for

energy use. The upgrades to the home will make it more comfortable, improve the appearance of the home, and reduce energy consumption and therefore lower Greenhouse Gas Emissions. Participants will learn about the strategies we have used and developed to retrofit existing homes to be Net-zero energy.

Sheena Sharp, Principal, Coolearth Architecture

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Access the Early Bird Rate!

thebuildingsshow.com

International Trade & Business Development

Wed. Nov. 29

9:00 am - 10:15 am

W400 - Canadian Construction Market Outlook: What Lies Ahead for 2018?



Looking at trends in the marketplace, attendees will gain insights into new and evolving opportunities. Where is the construction market heading? How is it changing? This session offers predictions for public, private investment in Canada. The attendees will get a deep dive into the domestic financial, social and demographic forces to keep an eye on that are shaping our industry. This session will look at the global economic and construction outlook and help you understand what global forces will have an impact on the outlook for construction in Canada.

Mark Casaletto, President, ConstructConnect Canada

10:30 am - 12:00 pm

W401 - Update on Trade Agreements: CETA, NAFTA and TPP

Where do we stand with existing trade agreements such as North American Free Trade Agreement (NAFTA), Canada-European Union (EU) Comprehensive Economic and Trade Agreement (CETA) and Trans-Pacific Partnership (TPP)? How will this effect Canadian exporters of construction materials or construction services? This session will be an update of the trade agreements that will affect exporters in the coming year.

Omar Khan, Vice President, Public Affairs, Hill+Knowlton Strategies

1:00 pm - 2:15 pm

W402 - Immigration to the US and Canada: What You Need to Know

As a Immigration Attorney in the U.S. and a RCIC Immigration Consultant in Canada, the speaker provides a unique perspective on Immigration options, pitfalls, issues and strategies in order to grow and maintain a cross-border business. There are unique challenges for the Construction Industry as it relates to Immigration which will be outlined and detailed in the presentation. There are also many exceptions to the work permit requirement that would allow an employee to enter both countries without a work permit.

Jamie Fiegel, Managing Partner, Fiegel & Carr Immigration Law

2:30 pm - 4:00 pm

W403 - Sneak Peek at the Latest European Building Innovations

High energy prices, strict government policies and severe resiliency challenges make Europe a hotbed for building innovations. This session aims to explore the ingenuity in the building industry by examining the latest trends and approaches that have been implemented across Europe to reduce energy consumption and introduce greener solutions. It will also look at how these innovations relate to the challenges in the Canadian context. Some of the subjects that will be discussed are large-scale solar energy integration in urban environments, using algae as a source of energy in buildings, smart energy management systems, gradual greening strategies for existing buildings and urban food systems. These projects show in particular how their approaches balance both ecological and economic sustainability.

Stephen Popovich, CDO, Partner, Walas Concepts

Wilco van Bommel, COO, Walas Concepts

Thurs. Nov. 30

9:00 am - 10:15 am

T400 - T0core: Planning Downtown for a Strong Future

Toronto's high quality of life and economic opportunities have made it one of the fastest growing cities in North America, and nowhere is this more evident than in the rising Downtown skyline. The City of Toronto is preparing a Downtown plan that will serve as a blueprint for future growth and infrastructure in the heart of Canada's largest city. It will be a 25-year vision that sets the direction for the city centre as the cultural, civic, retail and economic heart of Toronto and as a great place to live. This session will explore the themes of complete communities, connectivity, prosperity, resiliency and responsibility and how the City can work with its communities and the development industry to improve liveability for all.

Andrew Farncombe, Project Manager, Strategic Initiatives City Planning – Strategic Initiatives, Policy & Analysis, City of Toronto

1:00 pm - 2:15 pm

T402 - Working in Non-Traditional International Markets

In an era of globalization, what are the challenges of working in non-traditional markets? What are the risks and rewards of working in a new market? How do you evaluate opportunities? This seminar will tell you where to get reliable information on less well-known developing country markets. The speakers will address the legal provisions, cultural differences, political considerations, financing options and how to get paid for products and services.

Kelly Doran, Senior Director, East Africa Programs, Kigali Rwanda, MASS Design Group

2:30 pm - 4:00 pm

T403 - Doing Business in Latin America

With a greater emphasis on exports for Canadian manufacturers and service providers, where are the market opportunities in Latin American countries? This session will be a panel discussion about the experiences and best practices when working in these international markets. In particular, learn about the construction opportunities, logistics for market entry, and advantages Canadian companies have in Brazil and other Latin American countries.

Stephen Cohlmeier, President, Cohlmeier Architecture

Carlos Gutierrez de Quevedo, Mobility Consultant, IBI Group

Adrian Mirabelli, Chief Operating Officer, Mirabelli Corporation

Paulo Orlandi, Trade Commissioner, The Government of Canada Trade Office

S104 International Business Program

Expand your export business through the International Business Program with B2B Matchmaking Program meetings or attend one of 8 exceptional seminars that will give you the tools and information to grow your business.

The International Business Program includes B2B Matchmaking Meetings, the Networking Luncheon on Wednesday November 29, Cocktail Reception on Wednesday November 29, and access to W/T 400 series seminars - an over \$400 value. The Export Café will be located in the North Building.

The International Business Program is supported by:



Legal, Regulatory & Risk Management

Wed. Nov. 29

9:00 am - 12:00 pm

S102 - Construction Law Update: The New Construction Act

The Construction Act, Bill 142, is soon to become law in Ontario. The new Act will modernize the rules for construction liens and trusts, impose requirements for prompt payment, and introduce adjudication as the way to resolve project disputes in real time. Join our cross-industry experts as they discuss the details of new legislation, focusing on the critical and broad-reaching changes that will affect everyone in the construction industry. Find out how the Act will force you to re-think your way of carrying on business, from drafting construction contracts to making claims. This session cannot be missed!

Glenn Ackerley, Partner, WeirFoulds LLP

Sandra Astolfo, Partner, WeirFoulds LLP

Matt Ainley, Consultant & Senior Construction Executive, Matt Ainley Inc.

Raymond Bassett, Vice President, Chief Underwriting Officer Surety National Accounts, Travelers Canada

Nicholas Caughey, Senior Counsel, Construction Law, The Regional Municipality of York

10:30 am - 12:00 pm

W124 - Cannabis on Job Sites: Legal Insights on Impacts of the Upcoming Legislation

The legislation legalizing the possession, use and sale of marijuana for non-medical purposes will come into effect July 1, 2018. What do owners, managers and supervisors need to know about marijuana and the workplace? What are the legal rights and implications for building owners, contractors and sub-contractors? The speakers will address Bill C-45 (The Cannabis Act), case law, accommodation versus safety, marijuana effects, and more.

Jack Torossian, Owner and Founder, Golden Bee Homes

George Waggott, Labour and Employment Law Partner, McMillan LLP

W401 - Update on Trade Agreements: CETA, NAFTA and TPP

Where do we stand with existing trade agreements such as North American Free Trade Agreement (NAFTA), Canada-European Union (EU) Comprehensive Economic and Trade Agreement (CETA) and Trans-Pacific Partnership (TPP)? How will this effect Canadian exporters of construction materials or construction services? This session will be an update of the trade agreements that will affect exporters in the coming year.

Omar Khan, Vice President, Public Affairs, Hill+Knowlton Strategies

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Jamie Fiegel, Managing Partner, Fiegel & Carr Immigration Law

2:30 pm - 4:00 pm

W128 - An Update on the OMB and Planning Reform Changes

What lies ahead for the proposed OMB (Ontario Municipal Board) and planning reform changes? How will the proposed changes affect you in the coming years? How will this affect your planning applications and the approvals process? Learn about the proposed new rules, requirements, and restrictions that will affect your day to day business, if Bill 139, Building Better Communities and Conserving Watersheds Act, 2017, is passed.

Roslyn Houser, Partner, Goodmans LLP

Tom Mrakas, Councillor, Town of Aurora

Katarzyna Sliwa, Partner, Dentons Canada LLP

Paula Tenuta, Vice-President, Policy & Government Relations, Building Industry and Land Development Association (BILD)

Thurs. Nov. 30

9:00 am - 10:15 am

T504 - What You Need to Know About Disastrous Events in Your Buildings and How They Should be Handled

DIRESCO

As a building owner and manager, how can you prepare your property for unexpected events such as floods and fires? Taking a mitigation approach offers many advantages, e.g. helps close claims faster, reduces insurance costs, assists in tenant retention. The presentation provides insights on preparations you can make and steps taken when a water loss occurs, e.g. locate the source of the water, identify the type of water loss, determine if drying can take place, if tear out needs to happen, make sure it is done in accordance with the Ministry of Labour. If the site does not have a designated substance survey, why does an asbestos testing need to be done to confirm or deny presence? When a catastrophic event is handled

properly, costs go down and job cycle time is reduced. Handled improperly, costs go up, loss of tenants and rent occurs, and insurance premiums also rise. This presentation will educate about how losses should be handled.

Greg Robson, Branch Manager, Mitigation & Large Loss Specialist, Diresco

10:30 am - 12:00 pm

T501 - The Future of Home Builder Regulation and Statutory Warranty in Ontario

TARION
BUILDING CONFIDENCE

Spend an insightful 90 minutes with Tarion's team of stakeholder education experts, getting a glimpse into the future of home builder regulation and statutory warranty coverage in Ontario. This seminar is a must for builders, trades and anyone impacted by new home builder regulation or the statutory warranty. Attendees will learn about Tarion's work with the Ontario government on transformation of the Ontario New Home Warranties Plan Act and the 2018 implementation of enhanced deposit protection and warranty coverage for condo conversions. They will also get a sneak peek into the freehold Construction Performance Guidelines review and see what type of submissions have been received and how they could impact builders and trades if adopted into the Guidelines. Last, attendees will put their skills to the test in Warranted or Not, where actual warranty case studies are reviewed.

Kirk Rowe, Manager, Stakeholder Relations, Tarion Warranty Corporation

Bob Thoburn, Director, Builder Relations, Tarion Warranty Corporation

Siloni Waraich, Vice President, Stakeholder Engagement, Tarion Warranty Corporation

1:00 pm - 2:15 pm

T114 - Change Management Strategies: Building a Lasting Design and Construction Business

Being innovative and agile is a requirement in today's world and few companies and managers know how to do this well. Most leaders believe they can drive change through analysis or sheer will, when the reality is that change done in this manner does not stick and results in a divided team. This dynamic has led to the development of the Change Management Profession as businesses have learned there is a science and an art to implementing positive change in companies. This session will teach you the fundamental principles of what is required to build a change ready organization and give you practical tools and tips to get this process started in your business.

Tony Cancelliere, Managing Director, Syntropy Group

Speaker & Trainer: Kevin Lust



Kevin Lust has proven to be one of the most popular speakers at the Show, providing valuable insights and advice on personal skills and professional development for individuals and executives across the entire industry.

Wed. Nov. 29

9:00 am - 11:00 am

P101 - Powerful Persuasion and Successful Negotiation Tactics

There is one key to mastering any personal or professional situation: the ability to get others to see things your way. You've been in the tough situations; negotiating payments from a struggling tenant, trying to buy time from a demanding vendor, keeping your cool with an upset client, or holding the line on price when you need to close the sale. The one set of skills that can save you in each of those situations is your ability to negotiate and to do it well. With these powerful tools, you will be able to go toe-to-toe with even the most powerful negotiators when you discover:

- Why you must never jump at the first offer and how to ensure there is a second one
- Turn the most argumentative client into a loyal supporter
- Seven things you might not know about your opening offers that could be sabotaging every deal
- Three things you must do immediately whenever someone makes you an offer.

1:00 pm - 3:00 pm

P102 - Leadership Skills for Managers: How to Achieve Success in Today's Increasingly Demanding Environment

While some organizations thrust people into management roles ill-prepared to handle the functions of a supervisor, progressive firms recognize the necessity of arming new and experienced managers with the tools needed to succeed. The best managers from top companies have developed practices that allow them, and their group, to get the job done and to get it done right the first time. You too can be the person that brings out the best in others. This program will help managers, supervisors and soon-to-be leaders to:

- Gain an understanding of what motivation really is
- Learn how the most effective managers lead their teams through organizational change
- Understand the numerous roles excellent managers play
- Decide on the style of discipline that works best for each person on your team
- Study the qualities of successful leaders and apply the same approaches to your environment
- See delegation in action and learn what keeps us from delegating well.

Thurs. Nov. 30

9:00 am - 11:00 am

P103 - How to Work More Effectively With Your Clients and Colleagues to Get It All Done

Working with customers and colleagues isn't always easy. Yet today's demanding workplace requires that we all work closely to get things done effectively. This dynamic seminar combines the secrets of the world's transcendent work teams with the practices of the busiest customer service providers to provide you with tools to accomplish goals faster, serve customers better, and work together more effectively than before. You'll learn how to deal with people easily, work with others closely, handle difficult situations and improve your reputation:

- Discover a simple technique that will guarantee your instructions are understood
- Remain composed, even when facing unreasonable demands or when overwhelmed
- Understand what it takes to be a genuine team builder and leader
- Surround yourself with enthusiastic people both inside and outside your company
- Know what you need from other people and learn how best to get it
- Build rapport, not resistance, with others.

1:00 pm - 3:00 pm

P104 - Managing Multiple Priorities, Projects and Deadlines

This is the program for the busy business owner, manager, or staff person who tries to juggle multiple demands, deadlines, and daily pressures. With the information contained in this fast-paced seminar, you'll get more accomplished at managing a fragmented workload and with better results than ever before. You will gain control of your workday when you learn:

Three strategies for controlling your "inflow" in today's electronic age of voice-mails, emails, texts, and tweets.

- Seven small changes in your environment that can have a major impact on your effectiveness
- The one question to ask yourself daily to make sure your top priorities don't fall to the bottom of the pile
- What we can learn from the "Law of the Vital Few" and how it affects us every day
- Six techniques for managing expectations of your clients, your direct report, and your colleagues.

RECOMMENDED NORTH BUILDING SEMINARS

Wed. Nov. 29

11:00 am - 12:00 pm

W08 How to Successfully Engage Your Team

1:30 pm - 2:30 pm

W01 Human-to-Human Marketing

W02 Designing the Experience-Driven Life

W27 The Future of the Family Home

Thurs. Nov. 30

9:00 am - 10:00 am

T32 Project Management for Architects and Designers

1:30 pm - 2:30 pm

T22 Millwork Detailing: Case Studies and Best Practices

3:00 pm - 4:00 pm

T42 Specifying Gas Fireplaces for Today's Residential and Commercial Properties

New Products, Technologies & Innovations

Wed. Nov. 29

7:00 am - 8:30 am

S105 - Ask the Experts Breakfast



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Luis DosReis, Area Manager, BASF Canada

William Gold, Engineering Services Manager, BASF Corporation

Bart Kanters, Director of Technical Services, Concrete Ontario

Cameron Monroe, Technical Support Leader, BASF Canada

9:00 am - 10:15 am

W504 - Why "Total Precast" Should be Your Next Build System



"Total Precast" buildings have become one of the latest building trends across Southern Ontario, although the technology has been around internationally for decades. Join one of the leading industry suppliers as they break down some of the key components to making "Total Precast" buildings successful. This session will touch on what a "Total Precast" structure is and discuss the advantages and benefits of using this type of building system. It will also include an in-depth review on efficient design tips and common challenges that arise during the planning and development stages to ensure the full potential is achieved.

Sean Bickell, Commercial Sales Representative, Stubbe's Precast

Jason Stubbe, Sales Manager, Stubbe's Precast

10:30 am - 12:00 pm

W123 - New and Innovative Products for Residential Construction

In 2009, the Building Industry and Land Development Association (BILD), and Toronto and Region Conservation Authority (TRCA) partnered to build two of Canada's most sustainable production-built homes at the Living City Campus, the Archetype Sustainable Houses (ASH). The ASH's are rated under multiple labeling systems including EnergyStar, GreenHouse, and LEED Canada for Homes, achieving LEED Platinum certification. The ASH's are one of several Living City Labs at The Campus, with over 1000 points of monitoring to test and evaluate existing and future technologies on an ongoing basis. This seminar will provide an overview TRCA green building and sustainable technology projects, the green building practices and sustainable technologies demonstrated in the ASH and at The Campus to date. It will also provide a review of the outcomes from performance research of mechanical systems, heating and cooling technologies tested in the houses.

David Nixon, Analyst, Sustainable Technologies, Toronto and Region Conservation Authority

1:00 pm - 2:15 pm

W502 - Spray Foam Design and Inspection Considerations in Air Barrier Systems



Spray foam offers many benefits in the building envelope. Learn more on how to use spray foam as an air barrier system while performing as a vapour/ weather barrier and providing continuous insulation.

Chris Janzen, Technical Service Representative, BASF Canada

Michael Pace, President, Building Resource

W506 - Managing Complex Building Envelope Issues with Tilt-up Construction



This session will be an in-depth look at how the simplicity of tilt-up construction allows architects, engineers and builders to easily achieve continuity in the building envelope and insulation system without compromising design, functionality, or performance. Learn how the load bearings insulated system of tilt-up design allows exterior elements of a building to be isolated from the interior structure by minimizing penetrations and thermal breaks. The speaker will address the tilt-up wall design and construction and how to manage complex building envelope issues.

Sean van Rassel, Director of Business Development, Engineered Products, Dayton Superior Group of Companies

2:30 pm - 4:00 pm

W127 - Innovative Wood Technologies for Residential Construction

Code changes, introduction of new forms of engineered lumber products such as CLT, and advanced fabrication techniques such as large multi-axis CNC fabrication have dramatically expanded the use and potential use of wood in construction. This talk will focus on some specific structural strategies for the use of timber in building forms that go beyond traditional uses. These include long span floors and roofs as well as tall buildings and complex geometries. Solutions and examples will be drawn from the best of Blackwell's work as well as from Canadian and international precedent.

David Bowick, Principal, Blackwell Engineering

W403 - Sneak Peek at the Latest European Building Innovations

High energy prices, strict government policies and severe resiliency challenges make Europe a hotbed for building innovations. This session aims to explore the ingenuity in the building industry by examining the latest trends and approaches that have been implemented across Europe to reduce energy consumption and introduce greener solutions. It will also look at how these innovations relate to the challenges in the Canadian context. Some of the subjects that will be discussed are large-scale solar energy integration in urban environments, using algae as a source of energy in buildings, smart energy management systems, gradual greening strategies for existing buildings and urban food systems. These projects show in particular how their approaches balance both ecological and economic sustainability.

Stephen Popovich, CDO, Partner, Walas Concepts

Wilco van Bommel, COO, Walas Concepts

W503 - Blockchain Technology and the Building Industry



Blockchain is the cutting edge technology upon which Bitcoin is built and is seen by many as the next step in the evolution of how we do business on the internet. This seminar will concentrate on Smart Contracts and how they can help eliminate late payments in the building industry and on building an online economy around transacting on, sharing and storing our digital building information.

Kregg Fordyce, CEO & Co-Founder, Arkilio

Ladislav Stejskal, Executive Chairman, Co-Founder, Arkilio

Thurs. Nov. 30

7:00 am - 8:30 am

S106 - Ask the Experts Breakfast



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Luis DosReis, Area Manager, BASF Canada

William Gold, Engineering Services Manager, BASF Corporation

Bart Kanters, Director of Technical Services, Concrete Ontario

Cameron Monroe, Technical Support Leader, BASF Canada

9:00 am - 10:15 am

T150 - The Critical Role of Admixtures in Concrete Performance and Durability

Concrete is a continually evolving composite building material for all types of high performance structures. Designers, engineers and owners are demanding higher strengths and lifespan, in excess of 100 years, and in increasingly aggressive environments. With the higher strengths came other challenges in that many of the current Type "S" Admixtures have been included to assist in, particularly for the properties required in long term durability and high performance specifications. Learn about Type "S" Admixtures include, but are not limited to, Shrinkage Reducing Admixtures (SRA, CRA), Workability Retention Admixtures, Strength Enhancing Admixtures, Integral Crystalline Waterproofing Admixtures and others that modify the characteristics of the concrete to meet placement and esthetic challenges.

Cameron Monroe, Technical Support Leader, BASF Canada

T500 - Why "Total Precast" Should be Your Next Build System



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Sean Bickell, Commercial Sales Representative, Stubbe's Precast

Jason Stubbe, Sales Manager, Stubbe's Precast

10:30 am - 12:00 pm

T123 - Windows: Perspective from an Architect, a Consultant and an Owner

Windows are important elements to the performance and aesthetics of the building envelope. The building code continues to increase minimum thresholds and consumers continue to demand performance at reasonable cost. This challenges architects, engineers, and owners to continually improve windows in new and existing buildings to meet environmental and technical challenges. In particular owners of existing buildings, commercial, condos or rental buildings, are challenged with competing with the performance of new buildings at reduced budgets and with significant construction restrictions due to existing occupancies. What are the new trends emerging in multi-residential building design for the use of fenestration in response to the newer energy codes and consumer expectations? What key performance criteria should stakeholders focus on to realize the most improvement for a reasonable cost?

Duncan Rowe, Associate, Read Jones Christoffersen Ltd.

1:00 pm - 2:15 pm

T125 - Kitchen and Bath: Latest Trends and Innovations in Design and Installation

Tile and stone trends for kitchens and baths are constantly evolving. Architects, designers, contractors, property managers, and owners are continuously challenged with new design options and demands for upgraded materials. What are some of the latest designs in kitchens and baths?

What are the trends in tile and stone for the coming year? Learn about innovations in design and installation solutions that can ensure effective functionality, design, and longevity of the spaces to withstand the test of time.

Tod Valickis, Commercial Manager for Ontario and Product Manager for Canada, Schluter Systems (Canada)

T502 - Facades For the Future



Facades are important. Thermally broken façade systems help us reach our environmental goals. Climate change is demonstrating more erratic weather patterns. How do we engineer our Facades to deliver superior thermal performance, embody less energy and confront threats of climate change impact?

Jeff Ker, Sr. Technical Advisor, Engineered Assemblies

2:30 pm - 4:00 pm

T111 - Lighting Trends: What Should You Know for 2018

Lighting is rapidly becoming part of our digital world. We are moving beyond lighting control systems to smart, connected lighting – a sensor network and operating system that enable not only better light, but also applications far beyond light, making organizations more effective and profitable. Learn about some of the latest areas of research and application, and strategies for facility and property managers to future proof today's lighting solutions to leverage tomorrow's developments.

Shirley Coyle, President, Cree Canada



Carpenters in Action - Hosted by Carpenters' Local 27

The skills needed to be successful in construction vary from how to measure and install wood product, to incorporating green construction technology and techniques to using new materials and processes. During the Carpenters in Action demonstration, attendees will be able to observe:

Wed. Nov. 29

Floor Covering and Design • 10 am - 1 pm
Siding and Shingling • 1 pm - 5 pm

Thurs. Nov. 30

Brick and Stone Techniques • 10 am - 1 pm
Floor Covering and Design • 1 pm - 5 pm

Fri. Dec. 1

Putting it All Together • 10 am - 1 pm

EDUCATIONAL CREDITS

Visit thebuildingsshow.com for OAA, OBEC, IDCEC and BOMI specific sessions.

Optimizing Building Performance & Enhancing Net Asset Value

Thurs. Nov. 30

9:00 am - 10:15 am

T121 - Residential Heat/Energy Recovery and the Importance of Balanced Ventilation

Effective ventilation is essential to provide acceptable indoor air quality and control moisture in Canadian homes and to ensure the health and comfort of an indoor environment. However, ensuring proper ventilation without raising energy costs can be a challenge due to a harsh climate, pressurization/depressurization and frequent overcrowding. This presentation will provide insights about heat and energy recovery ventilation technologies, and their performance when installed in southern Canada. The session will also provide evidence of benefits of balanced ventilation systems, regarding energy saving, indoor moisture control, improved ventilation for under ventilated homes (older building stock), improvement of the indoor air quality as demonstrated by experiments conducted at NRC using full-scale facilities and field intervention studies.

Boualem Ouazia, Research Officer,
National Research Council

T150 - The Critical Role of Admixtures in Concrete Performance and Durability

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Cameron Monroe, Technical Support Leader,
BASF Canada

T504 - What You Need to Know About Disastrous Events in Your Buildings and How They Should be Handled

DIRESCO

As a building owner and manager, how can you prepare your property for unexpected events such as floods and fires? Taking a mitigation approach offers many advantages, e.g. helps close claims faster, reduces insurance costs, assists in tenant retention. The presentation provides insights on preparations you can make and steps taken when a water loss occurs, e.g. locate the source of the water, identify the type of water loss, determine if drying can take place, if tear out needs to happen, make sure it is done in accordance with the Ministry of Labour. If the site does not have a designated substance survey, why does an asbestos testing need to be done to confirm or deny presence? When a catastrophic event is handled properly, costs go down and job cycle time is reduced. Handled improperly, costs go up, loss of tenants and rent occurs, and insurance premiums also rise. This presentation will educate property managers about how losses should be handled.

Greg Robson, Branch Manager, Mitigation & Large Loss Specialist, Diresco

1:00 pm - 2:15 pm

T105 - New and Innovative Green Building Products, Services and Systems

Over the past decade the building industry has evolved at a rapid pace, with increased demand for healthier buildings, carbon neutrality, increased energy efficiency and more sustainable materials. This presentation will provide a glimpse at some of the new products, services and systems available in the market that will play a role in achieving the next generation of green buildings.

Rodney Wilts, Partner, BuildGreen Solutions
(a Windmill Developments Company)

2:30 pm - 4:00 pm

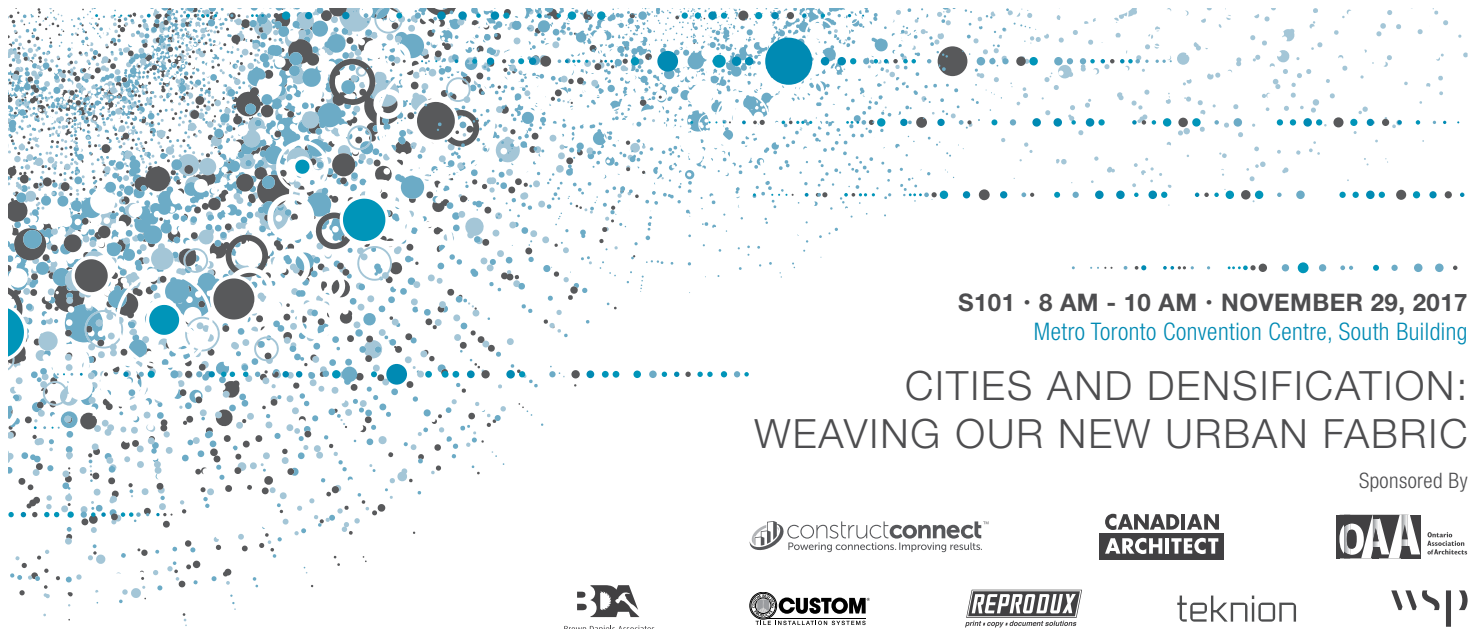
T503 - Making Retail Rentals More Competitive with Energy and Mechanical Equipment Management



From strip plazas to large shopping malls, there's 284 million square feet of rentable retail space in Canada. Despite the competitive nature of this market, many owners and operators don't understand how their energy costs are made up so that they can manage and protect their assets. Attend this seminar to learn about available sub-metering solutions for active energy monitoring and management; how a pay-per-use model for utilities can translate to more attractive rental rates; how to plan capital investments and maintain operational health; and about the ways to extend the life and value of your mechanical equipment.

Scott Beneteau, General Manager,
Enercare Commercial Services

Ephram Spiegelman, Vice President of Sales,
Enercare



S101 • 8 AM - 10 AM • NOVEMBER 29, 2017
Metro Toronto Convention Centre, South Building

CITIES AND DENSIFICATION: WEAVING OUR NEW URBAN FABRIC

Sponsored By





Professional Skills, Strategy & Leadership

Wed. Nov. 29

7:00 am - 8:30 am

S105 - Ask the Experts Breakfast



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8:00 am - 10:00 am

S101 - International Architectural Roundtable - Cities and Densification: Weaving Our New Urban Fabric



The world's population is becoming increasingly urban, with more than half of the global population

living in cities. This year's International Architectural Roundtable brings together architects addressing the issues associated with the most rapidly growing of our urban environments. What role do masterplans and built form play in the complex weave of densifying urban fabrics? And how are architects rising to the challenge of creating spaces that integrate the existing landscape, while creating solid foundations for city growth and revitalization?

Kelly Doran, Senior Director, East Africa Programs, Kigali Rwanda, MASS Design Group

Lloyd Sigal, Principal, Kohn Pedersen Fox Associates PC

Adele Weder, Acting Editor, Canadian Architect

Don Weinreich, Partner, Ennead Architects LLP

Pei Zhu, Founder, Studio Zhu-Pei

9:00 am - 11:00 am

P101 - Powerful Persuasion and Successful Negotiation Tactics

See page 9 for session details.

Kevin Lust, International Speaker & Trainer, Lust Development Group

9:00 am - 10:15 am

W400 - Canadian Construction Market Outlook: What Lies Ahead for 2018?

Looking at trends in the marketplace, attendees will gain insights into new and evolving opportunities. Where is the construction market heading? How is it changing? This session offers predictions for public, private investment in Canada. The attendees will get a deep dive into the domestic financial, social and demographic forces to keep an eye on that are shaping our industry. This session will look at the global economic and construction outlook and help you understand what global forces will have an impact on the outlook for construction in Canada.

Mark Casaletto, President, ConstructConnect (Canada)

1:00 pm - 3:00 pm

P102 - Leadership Skills for Managers: How to Achieve Success in Today's Increasingly Demanding Environment

See page 9 for session details.

Kevin Lust, International Speaker & Trainer, Lust Development Group

Thurs. Nov. 30

7:00 am - 8:30 am

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See page 9 for session details.

Kevin Lust, International Speaker & Trainer, Lust Development Group

Show Floor Demonstrations

Wed. Nov. 29

The Future of E-Construction

1:30 pm - 2:00 pm

Floor Level Installation System for Tiled Showers

2:30 pm - 3:00 pm

The Future of Spend Management in Construction

3:30 pm - 4:00 pm

Thurs. Nov. 30

Smart Space, Big Innovation

1:30 pm - 2:00 pm

ALSAN by SOPREMA: A New Range of Liquid Products

2:30 pm - 3:00 pm



Project Design, Planning, Delivery, Management & Best Practices

Wed. Nov. 29

8:00 am - 10:00 am

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Don Weinreich, Partner, Ennead Architects LLP

Pei Zhu, Founder, Studio Zhu-Pei

9:00 am - 10:15 am

W120 - Big Ideas for Designing and Building Smaller Homes

Housing prices are skyrocketing, millennials are not able to buy homes and the senior population of GTA bedroom communities will increase between 100% and 150% in the next 20 years. Learn how Energy Savings, Accessibility, Tiny Living, The Internet of Things and Augmented Reality play a role in solving this problem.

Sam Goldberg, Managing Partner, SLGoldberg

W121 - Masonry Veneer on Mid-Rise Wood Frames

In 2015, the Ontario Building Code introduced changes allowing six storey wood frame structures. The code requires non-combustible cladding on these buildings, making masonry veneer the preferred cladding material. There are many misconceptions in regard to the use of masonry veneer and wood frame structures in excess of 11m. This presentation aims to clarify these misconceptions by introducing methods of incorporating and adhering full bed depth masonry to a six-storey wood frame. The presentation will include certain design considerations which must be taken into account, including the proper use of shelf angles. MasonryWorx will also review design considerations and fastening systems specific to six storey applications.

David Moses, Principal, Moses Structural Engineers

10:30 am - 12:00 pm

W122 - Structural 101 for Residential Renovations

With an increasing demand for structural changes during renovation projects from clients, what do you need to know? What are the challenges with modifying existing structural, as well as non-structural walls, and supports? There is a need for structural engineering for renovations to create a safe and strong home for your clients. The speaker will discuss some interesting past projects and identify a number of common pitfalls in home renovation that can be quite problematic. Learn from some examples of previous residential projects as the speaker share his experiences from many perspectives... contractor, engineer, building inspector, and more.

Ken Davis, Consulting Structural Engineer, K.H. Davis Consulting Ltd.

W505 - The Forgotten Waste Area



Waste areas get attention when there is an issue, and the rest of the time, they are forgotten. Sustainability is a key factor in future success; this session will look at best practices that position your business well to avoid the issues that originate in the waste area – issues that can grow to impact the operation of your successful business. The industry has changed and offers new options. Whether you use a broker or deal directly with your hauler, knowing what progress has been made, what other businesses are doing, and what pitfalls to avoid can help you build sustainability. Is compaction for you? Reducing waste truck traffic with compaction of waste can translate to savings as high as 50% monthly. How do the different types of compactor compare? What are in-ground systems, their pro's and con's? Does my waste area impact customer service? Are some staff injuries preventable, as they relate to waste handling practices? Let's talk waste!

Susan Brown, National Sales Manager, Modern Waste Products - Binpak Compactors

1:00 pm - 2:15 pm

W125 - Project Management Strategies and Techniques for Renovators and Builders

Small to medium sized construction businesses often don't take the time to improve their project management processes. In this seminar, the speaker will introduce you to some key project management fundamentals and show you how a relatively simple scheduling software program can put you on the road to continuous improvement by increasing productivity, lowering costs, and improving quality, while at the same time help reduce stress.

Tom Stephenson, Professor, Centre for Construction & Engineering Technologies, George Brown College

W126 - Introduction to the CHBA's Net-Zero Home Labelling Program

The Canadian Home Builders' Association (CHBA) Net-Zero Home Labelling Program continues the CHBA's long history in leading energy efficiency in residential construction. The Program provides the industry with a clearly defined yet rigorous 2-tiered technical requirement that recognizes Net-Zero and Net-Zero Ready Homes, as well as builders and renovators who provide them. It will also help to meet the energy efficient housing aspirations of Canadians, and renew Canadian leadership in high performance housing. Join us for this introductory presentation to learn about: the program requirements for the participants and the homes, the brand and consumer messaging developed to generate demand for Net-Zero Homes, educational resources for Builders/Renovators, Energy Advisors and Sales Professionals, and additional efforts to address key barriers to mass market voluntary adoption of Net-Zero Homes.

Derek Hickson, Manager, Sustainable Developments, The Minto Group

Jennifer Weatherston, Director of Innovation & Estimating, Reid's Heritage Homes

Sonja Winkelmann, Director, Net-Zero Energy Housing, Canadian Home Builders' Association

Thurs. Nov. 30

9:00 am - 10:15 am

T120 - Avoiding Costly Building and Renovation Mistakes

Avoiding costly building and renovation mistakes will ensure your project goes as smoothly as possible. Time, budgets, and tracking systems are some of the elements companies need to consider throughout the lifecycle of a project to manage risk and ensure a successful outcome. This session will include: monitor 5 key metrics for Success; 6 critical systems to better manage your company; budgeting – plan for your profit; and tips to combat the inherent problems within our Industry.

Michael Upshall, Founder, Probuilt

T400 - T0core: Planning Downtown for a Strong Future

Toronto's high quality of life and economic opportunities have made it one of the fastest growing cities in North America, and nowhere is this more evident than in the rising Downtown skyline. The City of Toronto is preparing a Downtown plan that will serve as a blueprint for future growth and infrastructure in the heart of Canada's largest city. It will be a 25-year vision that sets the direction for the city centre as the cultural, civic, retail and economic heart of Toronto and as a great place to live. This session will explore the themes of complete communities, connectivity, prosperity, resiliency and responsibility.

Andrew Farncombe, Project Manager, Strategic Initiatives City Planning – Strategic Initiatives, Policy & Analysis, City of Toronto

T504 - What You Need to Know About Disastrous Events in Your Buildings and How They Should be Handled

DIRESCO

As a building owner and manager, how can you prepare your property for unexpected events such as floods and fires? Taking a mitigation approach offers many advantages, e.g. helps close claims faster, reduces insurance costs, assists in tenant retention. The presentation provides insights on preparations you can make and steps taken when a water loss occurs, e.g. locate the source of the water, identify the type of water loss, determine if drying can take place, if tear out needs to happen, make sure it is done in accordance with the Ministry of Labour. If the site does not have a designated substance survey, why does an asbestos testing need to be done to confirm or deny presence? When a catastrophic event is handled properly, costs go down and job cycle time is reduced. Handled improperly, costs go up, loss of tenants and rent occurs, and insurance premiums also rise. This presentation will educate property managers about how losses should be handled.

Greg Robson, Branch Manager,
Mitigation & Large Loss Specialist, DireSCO

10:30 am - 12:00 pm

T122 - Quoting on Your Next Job Successfully: Bidding and Pricing in the Residential Market

In any bid process you are trying to resolve two questions, what will it take for the client to select the "winner" and what will it take for the project to be a "winner" for your business? That word "win" is in quotation marks because too often, competitive pressure drives the pricing and terms down to a point where taking on a project isn't that beneficial. While your priority might be to resolve question 1, that won't do you much good unless you are clear in your mind about question 2. When you know your own limits you can be more confident in what you offer, and that confidence matters. This presentation explores how to be competitive in the bidding process without losing sight of your own business needs. At the very least, that can protect you from "winning" projects you will regret. Just as likely though, it lets you present to the client a more confident, responsive, reliable (and therefore more attractive) bid.

Steve Ryan, Managing Partner,
MMI Professional Services

1:00 pm - 2:15 pm

T125 - Kitchen and Bath: Latest Trends and Innovations in Design and Installation

Tile and stone trends for kitchens and baths are constantly evolving. Architects, designers, contractors, property managers, and owners are continuously challenged with new design options and demands for upgraded materials. What are some of the latest designs in kitchens and baths? What are the trends in tile and stone for the coming year? Learn about

Sustainable Design, Environment & High-Performance Buildings

innovations in design and installation solutions that can ensure effective functionality, design, and longevity of the spaces to withstand the test of time.

Tod Valickis, Commercial Manager, Ontario & Product Manager, Canada, Schluter Systems (Canada)

2:30 pm - 4:00 pm

T126 - Retrofit Technologies for Wood-Framed Construction: Cladding, Insulation and Moisture Management

In the 90's, we had the BC Leaky Condo Crisis. Today in Alberta, we face the same challenges. As different provinces are moving toward even taller wood-framed construction, it is essential that we both understand the lessons learned and take the steps necessary to prevent not only the leaks, but the resultant decay which has threatened wood-framed, low-rise buildings throughout Alberta. Today's retrofit technologies recognize that all of the various components of the wall systems must be not only designed but actually installed to allow them to work as an effective assembly. Cladding, moisture management, insulation and the structure itself must be considered for condominiums and apartment buildings. This seminar will look at real case studies of what was uncovered during recladding projects and how we got it right the second time around.

Brian Shedden, Principal, Entuitive Corporation

Wed. Nov. 29

10:30 am - 12:00 pm

W307 - Zibi: Lessons Learned from Canada's Most Sustainable Community Development

This session will offer an insider's look at Canada's only endorsed One Planet Community, Zibi. As sustainable and award-winning project, Zibi is a large, mixed-use community in downtown Ottawa/Gatineau with a zero carbon district energy system, and an ambitious One Planet Action Plan. Find out what is working, what needs work, and lessons learned in trying to create one of the world's most environmentally advanced communities.

Rodney Wilts, Partner, BuildGreen Solutions
(a Windmill Developments Company)

1:00 pm - 2:15 pm

W126 - Introduction to the CHBA's Net-Zero Home Labelling Program

The Canadian Home Builders' Association (CHBA) Net-Zero Home Labelling Program continues the CHBA's long history in leading energy efficiency in residential construction. The Program provides the industry with a clearly defined yet rigorous 2-tiered technical requirement that recognizes Net-Zero and Net-Zero Ready Homes, as well as builders and renovators who provide them. It will also help to meet the energy efficient housing aspirations of

Canadians, and renew Canadian leadership in high performance housing. Join us for this introductory presentation to learn about: the program requirements for the participants and the homes, the brand and consumer messaging developed to generate demand for Net-Zero Homes, educational resources for Builders/Renovators, Energy Advisors and Sales Professionals, and additional efforts to address key barriers to mass market voluntary adoption of Net-Zero Homes.

Derek Hickson, Manager,
Sustainable Developments, The Minto Group

Jennifer Weatherston, Director of Innovation & Estimating, Reid's Heritage Homes

Sonja Winkelmann, Director, Net-Zero Energy Housing, Canadian Home Builders' Association

Thurs. Nov. 30

9:00 am - 10:15 am

T121 - Residential Heat/Energy Recovery and the Importance of Balanced Ventilation

Effective ventilation is essential to provide acceptable indoor air quality and control moisture in Canadian homes and to ensure the health and comfort of an indoor environment. However, ensuring proper ventilation without raising energy costs can be a challenge due to a harsh climate, pressurization/depressurization and frequent overcrowding. The session will also provide evidence of benefits of balanced ventilation systems, regarding energy saving, indoor moisture control, improved ventilation for under ventilated homes (older building stock), improvement of the indoor air quality as demonstrated by experiments conducted at NRC using full-scale facilities and field intervention studies.

Boualem Ouazia, Research Officer,
National Research Council

1:00 pm - 2:15 pm

T124 - Net-Zero Upgrade to an Existing Semi-Detached House - Construction Follow-up

This case study presentation will outline the three stages of an existing semi-detached home conversion into a Net-zero energy project. In this presentation, the results of the monitored energy use will be presented and compared with the pre-renovation forecast for energy use. The upgrades to the home will make it more comfortable, improve the appearance of the home, and reduce energy consumption and therefore lower Greenhouse Gas Emissions. Participants will learn about the strategies we have used and developed to retrofit existing homes to be Net-zero energy.

Sheena Sharp, Principal, Coolearth Architecture



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