

30
YEARS



pm
expo

Nov 28 - 30, 2018
Metro Toronto Convention Centre

Attendee Planner

thebuildingsshow.com

Title



Platinum

RYCOM

SHOW FLOOR INFO & FEATURES

Celebrating 30 Years @ The Buildings Show

Experience the full magnitude of our building design, construction and property management industries at one single event, The Buildings Show. New this year, World of Concrete Toronto Pavilion, HomeBuilder & Renovator Expo and STONEX Canada relocate and grow in the North Building of the Metro Toronto Convention Centre and Construct Canada and PM Expo maintain their position and expand in the South Building.

With the addition of STONEX Canada, dedicated to stone, terrazzo and ceramic innovations, we have enhanced the Show to provide you with an unparalleled opportunity to see first-hand a complete overview of the market!

Here's what to expect:

- Discover new products and inspiring trends.
- Connect with key industry suppliers, experts and peers.
- Learn valuable insights affecting tomorrow's built environment.
- Lead your team effectively through educational programming tailored to your interests.

One Central Location. Two Dynamic Show Floors!

Featured Areas on the Show Floor

- Carpenters in Action
- Chargeant Power Up Stations
- Concrete Canoe Innovation Showcase
- Concrete Decor LIVE!
- Interior and Exterior Systems at its Best
- MLSE Raptors Gondola Box Giveaway
- Procure Tech Pavilion
- Rogers Virtual Reality
- Rymar Golf Lounge
- RYCOM Smart Tech Pavilion
- Safetech Environmental Lounge

Featured Exhibits New to the Show

- Alectric Solar
- Ambient Mechanical
- Armstrong Fluid Technology
- Big Ass Fans
- Chubb Edwards
- Johnson Controls
- Recycle Smart

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

Transform. Build. Innovate.

Take advantage of our vast learning and networking opportunities by planning your time online, in advance:

- Our expanded show floors now offer more live product demonstrations, interactive exhibits and dynamic networking spaces.
- Expert-led seminars, panels and roundtables are strategically located in both the North and South buildings to maximize your time and experience.

South Building



North Building



Show Dates & Times

	Show Floor	Programming
Wed. Nov. 28	10 am - 5 pm	8 am - 4 pm
Thurs. Nov. 29	10 am - 5 pm	8 am - 4 pm
Fri. Nov. 30	9 am - 1 pm	N/A

Recommended Industry Events

Networking North

Wed. Nov. 28 & Thurs. Nov. 29 • 3 pm - 5 pm
North Building

South Social

Wed. Nov. 28 & Thurs. Nov. 29 • 3 pm - 5 pm
South Building

BOMA Toronto 2018 Holiday Luncheon

Fri. Nov. 30 • 12 pm - 2:30 pm • South Building

**Emerging Green Professionals:
Getting Started in the Green Building Sector
(CaGBC - Greater Toronto Chapter)**

Thurs. Nov. 29 • 5:30 pm - 6:30 pm • South Building

FRPO 2018 MAC Awards Gala

Thurs. Nov. 29 • 5 pm - 9 pm • South Building

TCA Annual Christmas Luncheon

Fri. Nov. 30 • 1 pm - 3 pm • South Building

LEARNING & NETWORKING OPPORTUNITIES

Learn. Lead. Empower.

Staying ahead of the competition in a rapidly evolving industry is a challenge. Our expert-led seminars, panels and roundtables provide you with opportunities to expand your knowledge base, prepare yourself to adopt industry best practices and save yourself time and money while earning continuing education credits. Stay current within your industry and be inspired to lead your projects to success!

Featured Demonstrations & Showcases

RYCOM Smart Tech Pavilion

Wed. Nov. 28 - Fri. Nov. 30 • South Building

The Smart World is only getting smarter so in 2018, PM Expo, together with RYCOM, is bringing the Smart Tech conversation front and center for the Canadian Real Estate Market with the debut of the new Smart Tech Pavilion. The Smart Tech Pavilion is designed to elevate and tailor the Smart Technology conversation for building owners and operators in Canada. Join us for Smart Talks with industry leaders and explore our showcase of leading Smart Property success stories. Connect with Smart Tech solutions providers and resources who represent the key building blocks for Smart Properties and Portfolios.

RYCOM

Concrete Decor LIVE!

Wed. Nov. 28 - Fri. Nov. 30 • North Building

Concrete Decor LIVE! will make its debut at The Buildings Show to showcase both the durability and beauty of decorative and architectural concrete. Artisans will demonstrate how colours and texture impressions on concrete not only speed the building process but also reduce the need for traditional building finishes in new construction or rehabs.

concrete
DECOR

South Demo Area

Presented by  PlanGrid

Protected Membrane Roof System and Roof Terrace

Wed. Nov. 28 & Thurs. Nov. 29 • 11:30 am - 12 pm

Transforming Construction Productivity

Wed. Nov. 28 & Thurs. Nov. 29 • 12:30 pm - 1 pm

Streamlining Property Management Operations and Resident Experiences

Wed. Nov. 28 & Thurs. Nov. 29 • 1:30 pm - 2 pm

 busybusy

 SOPREMA

 Taco
Comfort Solutions

North Demo Area

Presented by  DS4

Selecting the Proper Adhesive for Your Stone Projects

Wed. Nov. 28 & Thurs. Nov. 29 • 11:30 am - 12 pm

Build Your Business' Financial Success: QuickBooks Online & Construction App Partners

Wed. Nov. 28 & Thurs. Nov. 29 • 12:30 pm - 1 pm

Build Bold with Royal's Innovative Sidings

Wed. Nov. 28 & Thurs. Nov. 29 • 1:30 pm - 2 pm

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 ROYAL Building Products
A Weather Company

Recommended Roundtables, Summits & Keynotes

The Evolution of Real Estate: Developing People and Transforming Organizations for the Future of Work

SS107 • Wed. Nov. 28 • 8:30 am - 12 pm

\$105 before Nov. 9/\$115 after Nov. 9 • South Building

This interactive discussion will examine some of the trends currently defining the new world of work, AI, robots and what opportunities can be seized to build more competitive, prosperous and inclusive organizations.

 Matrix
360

Ask the Experts Breakfast: A Discussion on Concrete

SS105 & SS106 • Wed. Nov. 28 & Thurs. Nov. 29 • 7 am - 8:30 am

\$105 before Nov. 9/\$115 after Nov. 9 • South Building

Get answers to your toughest concrete challenges from industry experts in an intimate and open setting. Bring your challenges associated with production, construction, repair, and maintenance on concrete projects. Hosted by BASF Corporation, breakfast is included.

 BASF
We create chemistry

Canada's National Housing Strategy (NHS): Leading to a New Generation of Sustainable and Accessible Housing

SN108 • Wed. Nov. 28 • 8 am - 12 pm

\$105 before Nov. 9/\$115 after Nov. 9 • North Building

The National Housing Strategy is a 10-year, \$40-billion plan that will give more Canadians a place to call home. Learn how you can be part of delivering on this vision – through financial incentives, research-based insights and advice from experts who have implemented sustainable and accessible housing.

 CMHC SCHL

Property Management Executive Roundtable - PropTech:

Transforming the CRE Industry Through Technology & Innovation

SS103 • Thurs. Nov. 29 • 8 am - 10 am

\$105 before Nov. 9/\$115 after Nov. 9 • South Building

How is PropTech transforming buildings and the way they operate through technology & innovation? How can asset and property managers use these innovative strategies to improve their bottom line?

 BOMA
Inspired leadership since 1917

 TRACKER
CENTRAL

 Crawford

 kijiji

 Reliance
Home Comfort

 WM
WASTE MANAGEMENT

New this year!
Upgrade your registration to VIP status and enhance your learning experience at The Buildings Show.

Register Online
Before Nov. 9 for
the Early Bird Rate!
thebuildingsshow.com

WEDNESDAY NOVEMBER 28

W: 60-90 minute Topic-Specific Workshops are \$50 in advance; \$55 after Nov. 9.

S: 2-3 hours in-depth Super Seminars are \$105 in advance; \$115 after Nov. 9.

P: 2-3 hours Professional Development Tutorials led by expert faculty are \$105 in advance; \$115 after Nov. 9.

A: 60-90 minute Topic-Specific Workshops presented by Associations are FREE of charge.

*Codes including *S* are in the South Building (ie. WS).

*Codes including *N* are in the North Building (ie. WN).

Session Categories								Code	Session Title	Page
Apartment & Condominium Management	Building Envelope Solutions	Legal, Regulatory & Risk Management	Optimizing Building Performance & Enhancing Net Asset Value	Professional Skills, Strategy & Leadership	Project Design, Planning, Delivery, Management & Best Practices	Smart Buildings, Technologies & Innovations	Sustainable Design, Environment & High-Performance Buildings			
7:00 am - 8:30 am										
				•		•		SS105	Ask the Experts Breakfast (BASF)	8
8:00 am - 10:00 am										
				•	•			SS101	International Architectural Roundtable Architectural Design: Shaping the Imagination	8
8:30 am - 12:00 pm										
				•				SS107	The Evolution of Real Estate: Developing People and Transforming Organizations for the Future of Work (Matrix)	8
9:00 am - 11:00 am										
				•				PS101	Managing Multiple Priorities, Projects and Deadlines	8
9:00 am - 12:00 pm										
				•	•			PS105	Project Management: Power of the Plan	8
		•		•				SS102	Construction Law Update: The Latest Cases Affecting Your Projects	9
9:00 am - 10:00 am										
•		•						AS101	The Impact of Changes to the Condo Act (ACMO)	9
					•			WS100	Flooring Safety by Design for Commercial Environments	9
						•	•	WS101	Toronto Green Standard v3: The Next Generation of Building Energy and Carbon Performance	9
		•			•			WS102	Barrier-Free Design Booster: Advancing Accessible Design in Canada	9
	•							WS130	Understanding Building Envelope Failures	9
	•						•	WS131	Balcony Enclosures for Enhanced Durability, Comfort and Energy Efficiency	9
		•					•	WS200	Decoding the Codes: Demystifying the Changing Energy Codes	10
			•			•	•	WS201	Reducing Electricity Costs in Buildings with Energy Storage and Big Data	10
						•	•	WS202	Incorporating Wellness as a Part of Your Sustainable Building	10
						•		WS300	Real Estate and Construction Tech Poised for Disruption	10
						•	•	WS301	New & Emerging Technology for Smart Building & Plant Energy Management Systems	10
	•					•		WS500	Future of HVAC: Multi Unit Residential Building Retrofits (DXS)	10
					•			WN151	North Bay Courthouse Seismic Retrofit with Precast Concrete Shear Walls	10
10:30 am - 12:00 pm										
•		•						AS102	Elevator Regulatory and Compliance Overview for Apartment Property Managers and Owners (GTAA)	11
					•	•		WS105	Lakeview Village: Update on Mississauga's Sustainable Waterfront Re-Development	11
	•							WS132	Re-thinking Building Exteriors: Revitalization Versus Replacement	11
	•							WS133	Exceeding Building Code Thermal Performance with Precast Concrete	11
					•	•		WS203	Lifecycle Optimized Solutions in Building Restoration for Public Infrastructure and Private Facilities	11
						•		WS204	The Science of the High Performing Workplace	11
		•						WS205	Risks & Issues: Retail Tenants Legally Selling & Growing Cannabis	12
						•		WS303	The Building Blocks of a Smart Building: Getting Smart and Connected from the Ground Up	12
			•					WS501	Enbridge Gas Energy Efficiency Programs for the Commercial Sector (Enbridge Gas Distribution)	12

WEDNESDAY NOVEMBER 28

A portion of the seminar registration fees will go to the Red Door Family Shelter to provide services for families and individuals who need safe and supportive emergency shelter.



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



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Apartment & Condominium Management	Building Envelope Solutions	Legal, Regulatory & Risk Management	Optimizing Building Performance & Enhancing Net Asset Value	Professional Skills, Strategy & Leadership	Project Design, Planning, Delivery, Management & Best Practices	Smart Buildings, Technologies & Innovations	Sustainable Design, Environment & High-Performance Buildings

Code	Session Title	Page
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PS102	Leadership Skills for Managers: How to Achieve Success in Today's Increasingly Demanding Environment	12
1:00 pm - 4:00 pm		
PS106	Project Management: Leading on Purpose - The Art of Facilitative Leadership	12
1:00 pm - 2:00 pm		
WS108	How to Succeed in Adjudication Under The Construction Act	12
WS109	Acoustics: Principals and Solutions to Avoid Tenant Complaints	13
WS134	Curtain Wall Failures, Follies, and Fixes	13
WS135	Whole Building Airtightness Testing of Industrial, Commercial, and Institutional Buildings	13
WS136	Improving Energy Efficiency Through the Design of the Building Envelope	13
WS206	Sustainability in Buildings: A 360 Degree View from a Landlord, Property Manager & Tenant	13
WS207	The Ontario Fire Code: New Requirements, Responsibilities and a Path Forward	13
WS304	Smart Technology is Smarter with Meaningful Analytics and Alerts	13
WS306	What is the Value of the Integrated Data Generated by Your Smart Building?	13
WN154	Parking Garage Restoration Case Studies: Repair, Renewal and Restoration	14
WN604	Stone Cladding Technologies: Getting it Right the First Time	14
2:30 pm - 4:00 pm		
WS111	Better Buildings Can Be Better for the Environment, Organizations, and Employees	14
WS112	Mount Dennis Childcare: The City of Toronto's First Net Zero Facility	14
WS113	A Guide to the Construction Act of Ontario: Modernizing the Lien Act	14
WS114	What's New in Lighting: Innovations and Trends for 2019	15
WS137	Vapour & Condensation Ingress: Best Practice Solutions for Building Envelope	15
WS138	Restoration of Aging Masonry Buildings: Best Practices for Maintenance and Rehabilitation	15
WS139	Roof Maintenance, Repair and Replacement: What You Need to Know	15
WS208	Rapid Fire for Property Managers: Maintenance & Capital Repair for Existing Buildings	15
WS209	LEEDv4.1 O+M and the Changing Nature of Benchmarking Green Building Performance	15
WS210	Smart Cities: The Convergence of Technology and Real Estate	15
WS307	Timing is Right: Transforming Multifamily Turnover with Technology	15

Education Sponsors



THURSDAY NOVEMBER 29

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7:00 am - 8:30 am										
				•		•		SS106	Ask the Experts Breakfast (BASF)	16
8:00 am - 10:00 am										
				•		•		SS103	Property Management Executive Roundtable - PropTech: Transforming the CRE Industry Through Technology & Innovation	16
9:00 am - 11:00 am										
				•				PS103	Powerful Persuasion and Negotiating Techniques: The Keys to Getting What You Want	16
9:00 am - 10:00 am										
						•		TS101	Executing on Sustainability: Lessons from the Front Line	16
	•							TS130	Mould, Moisture and the Building Envelope	16
	•					•		TS131	New and Innovative Products for Building Envelopes: Update on Technologies and Systems	17
					•	•		TS200	The Building Manager's Guide to Developing an Energy Conservation Plan	17
			•					TS210	Fitwel: How to Promote Health and Wellness in Your Building	17
•			•			•		TN151	High Performing Precast Concrete Building Enclosures	17
					•			TN601	Working with Tile: Technical Attributes of Porcelain Tile & The Latest Trends	17
10:30 am - 12:00 pm										
•								AS103	Long-term Efficiency Planning: Business Case Prioritization for CDM Success (HEAT)	17
						•		TS104	Utilizing Solar Energy Technologies to Reduce Today's Energy Costs	17
	•							TS132	EIFS: Designing for Durability, Sustainability and Code Compliance	17
	•							TS133	Building Envelope Commissioning: A Maturing Marketplace Solution	18
			•			•		TS202	Leveraging Energy Management Best Practices Today	18
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	•	•						TN152	Introduction to the New ACI 562-16 Code for Assessment, Repair and Rehabilitation of Existing Concrete Structures	18
					•			TN602	Tile and Stone Maintenance and Restoration Solutions	18
					•			TN603	Terrazzo Today: What You Need to Know about Material and Function	18

November 29, 2018 • 8 am - 10 am
Property Management Executive Roundtable

PropTech: Transforming the CRE Industry Through Technology & Innovation

How is PropTech transforming buildings and how do they operate through technology & innovation?
How can asset and property managers use these innovative strategies to improve their bottom line?

BOMA
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TRACKER CENTRAL
MANAGEMENT PORTAL

Crawford
PROPERTY CONSULTING

kijiji

Reliance
home comfort

WM
WASTE MANAGEMENT

THURSDAY NOVEMBER 29

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								1:00 pm - 3:00 pm		
								PS104	Advanced Communications Skills: How to Get Your Message Across	18
								1:00 pm - 2:00 pm		
								AS104	Working with the New Provincial Government to Address Various Rental Housing Challenges (FRPO)	19
								TS109	Keeping It Fresh: Administrative Controls for Better Indoor Air Quality	19
								TS134	Vapour Permeable vs Vapour Impermeable Air and Water Barriers: Making the Right Selection	19
								TS135	Leaner, Greener, Larger, Lighter: Thin Tile Systems and the Building Envelope	19
								TS204	Best Practices in Developing Challenging Brownfield and Industrial Sites	19
								TS205	The Experience Index: Why Linking Innovation and Experience Matters	19
								TN155	Innovative Mixed-Use Accelerated Parking Construction	19
								TN604	The Next Generation Kitchens & Bathrooms: Insights to Future Trends	20
								2:30 pm - 4:00 pm		
								AS105	Retail Real Estate 2019: The Professional Consumer (REIC)	20
								TS110	Zero Carbon: The Buildings of the Future	20
								TS113	Hamilton Rising: Vision for the Future	20
								TS136	General Approach to Conservation Issues Dealing with Heritage Sites	20
								TS137	High Rise Window Replacement: Maintaining the Vision From Start to Finish	20
								TS138	New and Innovative Waterproofing Solutions and Applications	20
								TS206	The Well & Enwave: A Story of Partnership, Innovation and Community Building	21
								TS207	Making the Business Case: Innovative Options to Extend the Life of Aging Apartment Towers	21
								TS208	Healthy Systems, Healthy People	21
								TS209	Reinventing the Budgeting Process: Building a Successful Multi-Year Capital Plan	21
								TN156	Decarbonizing the Built Environment: Materials, Lifecycle Assessment and the Path Forward	21

RYCOM Smart Tech Pavilion

Wed. Nov. 28 - Fri. Nov. 30 • South Building

The Smart World is only getting smarter so in 2018, PM Expo, together with RYCOM, is bringing the Smart Tech conversation front and center for the Canadian Real Estate Market with the debut of the new Smart Tech Pavilion. The Smart Tech Pavilion is designed to elevate and tailor the Smart Technology conversation for building owners and operators in Canada. Join us for Smart Talks with industry leaders and explore our showcase of leading Smart Property success stories. Connect with Smart Tech solutions providers and resources who represent the key building blocks for Smart Properties and Portfolios.

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Education Sponsors



7 am - 8:30 am

SS105 - Ask the Experts Breakfast



*Professional Skills, Strategy & Leadership
Smart Buildings, Technologies & Innovations*

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. Bring your challenges associated with production, construction, repair, and maintenance on concrete projects. The content provided each day differs based upon the questions posed by attendees. Originally founded at the World of Concrete, this industry networking event has been highly popular due to its relaxed setting and practical, problem-solving focus. Breakfast is included.

Shervan Khanna, Sales and Marketing, BASF Canada

Francis Mongeon, Key Account Manager, BASF Canada

Cameron Monroe, Technical Support Leader, BASF Canada

8 am - 10 am

SS101 - International Architectural Roundtable Architectural Design: Shaping the Imagination



*Professional Skills, Strategy & Leadership
Project Design, Planning, Delivery, Management & Best Practices*

What is the future of architectural design? What are the guiding principles that are shifting design-thinking? How is leading-edge scientific research influencing the built world? Architects are pushing the boundaries of functionality, energy-efficiency and technology—but how do these advancements translate into meaningful architecture? Leading international architects will discuss the inspiration and influences for their latest projects.

Mels Crowel, Founding Partner, Benthem Crowel Architects (Netherlands)

Dominique Jakob, Founder, JAKOB + MACFARLANE architects (France)

Mathias Klotz, Principal, Mathias Klotz (Chile)

Elsa Lam, Editor, Canadian Architect

Eric Owen Moss, Principal and Lead Designer, Eric Owen Moss Architects (USA)

8 am - 12 pm

SS107 - The Evolution of Real Estate: Developing People and Transforming Organizations for the Future of Work



Professional Skills, Strategy & Leadership

Organizations today and the way we work are continuously changing. Major trends are shaping the future of Corporate Canada—and businesses must keep up with the quick pace of change and adapt to maintain a competitive edge. The impact of technological change is not new and there is no consensus among leaders about the ways in which current developments will influence jobs and occupations. However, there is a general agreement that current social, political divisions and trends including gender roles, demographic shifts, immigration patterns, the aging population, AI, robots and new employment platforms are significantly affecting the nature of work. This interactive discussion will examine some of the trends currently defining the new world of work,

AI, robots and what opportunities can be seized to build more competitive, prosperous and inclusive organizations. Learning objectives include:

- Highlight key areas where real estate organizations are focused on to advance the industry, the people and the tenant experience while simultaneously focused on all stakeholders
- The importance of SMART technology and how it influences the talent pipeline and the sustainability of the industry
- What are some key solutions on how people are able to be engaged, increase productivity and be competitive in an industry that is community based
- Current and next generation: What tools they require and what they need to focus on
- The importance of education and the alignment of technology and how it connects to the workplace/talent pipeline

Peter Altobelli, Vice President, Yardi Canada Limited

Micheline Bentley, Senior Manager, Talent & Business Development, Matrix360

Cheryl Gray, Executive Vice President, Enterprise Resources & Innovation, QuadReal Property Group

Monika Jarosznek, Co-Founder & CEO, RATIO.CITY

Brad Keast, Vice President, Development, DREAM Unlimited Corp.

9 am - 11 am

PS101 - Managing Multiple Priorities, Projects and Deadlines

Professional Skills, Strategy & Leadership

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.

Kevin Lust, International Speaker & Trainer, Lust Development Group

9 am - 12 pm

PS105 - Project Management: Power of the Plan

Professional Skills, Strategy & Leadership

Project Design, Planning, Delivery, Management & Best Practices

This workshop presents a simple, easy to understand process for managing small, everyday projects. This is not "Project Management Essentials" or "PM 101." It is simpler than that. This workshop will take participants through a series of ten steps for managing small everyday projects starting with important question "Should I really do this?" all the way through to tips on closing it all down and celebrating at the end. Learn how to run great meetings that people want to attend, how to create a simple schedule and budget, and more. Most importantly, participants will learn the tools needed to deliver their projects on time and on budget.

Bill Richardson, Project Manager Coach, Procept Associates Ltd.

**SS102 - Construction Law Update:
The Latest Cases Affecting Your Projects**

*Legal, Regulatory & Risk Management
Professional Skills, Strategy & Leadership*

This annual session will cover the key recent legal decisions and legislative changes that will affect how projects are carried out across the construction industry. In this session that you can't afford to miss, panellists will cover new developments in procurement law, dispute resolution, contract notices and limitation periods, and bonding, among other timely topics.

Glenn Ackerley, Partner, Weir Foulds LLP

Sandra Astolfo, Partner, WeirFoulds LLP

Ellie Choi, Vice President and General Counsel, Chandos Construction Ltd.

Bruce Karn, Senior Counsel, EllisDon Corporation

Andrew O'Brien, Director - Surety Risk,
Travelers Insurance Company of Canada

9 am - 10 am

AS101 - The Impact of Changes to the Condo Act



*Apartment & Condominium Management
Legal, Regulatory & Risk Management*

The past year has been a time of great change in the governance, administration and management of condominiums. These changes have affected many stakeholders involved in the industry and, as new budgets are prepared, the impacts are felt by the owners and residents equally. This session will explore the costs and the administrative impact on condominiums under the revised Condominium Act.

Armand Conant, Lawyer, Shibley Righton LLP

Dean McCabe, President, Meritus Group Management

Odysseas Papadimitriou, Lawyer, Harris, Sheaffer LLP

WS100 - Flooring Safety by Design for Commercial Environments

Project Design, Planning, Delivery, Management & Best Practices

Flooring Safety by Design is an informative seminar that examines the dangers of slipping and tripping hazards in commercial environments and how to prevent costly accidents.

Chris Johnson, Regional Representative, Altro Canada

WS101 - Toronto Green Standard v3: The Next Generation of Building Energy and Carbon Performance

*Smart Buildings, Technologies & Innovations
Sustainable Design, Environment & High-Performance Buildings*

The newest version of the Toronto Green Standard (TGSv3) sets a new standard for building performance by focusing on carbon as a key metric and recognizing the importance of comfort and resilience. TGSv3 also introduces new energy and carbon performance metrics such as thermal energy demand intensity (TEDI) and greenhouse gas intensity (GHGI). This session will show how TGSv3 provides a clear path towards energy, carbon and resilience targets for new construction, as well as supporting CaGBC's Zero Carbon Building Standard. It will also provide an in-depth look at the massive shift in typical building design needed to meet the new requirements and will conclude with a case study comparing buildings designed to previous and current versions of TGS.

Lisa King, Senior Policy Planner, Toronto City Planning

Antoni Paleshi, Senior Energy Performance Specialist, WSP

**WS102 - Barrier-Free Design Booster:
Advancing Accessible Design in Canada**

*Legal, Regulatory & Risk Management
Project Design, Planning, Delivery, Management & Best Practices*

Barrier-Free Design is about creating accessible environments that facilitate everyone, regardless of their abilities. This session is designed to give industry professionals the confidence booster they need when it comes to applying and understanding, at minimum, the barrier-free design requirements prescribed by the 2012 Ontario Building Code and the Accessibility for Ontarians with Disabilities Act (AODA). The instructor will go through the major barrier-free design requirements applicable to the exterior, interior, washrooms, and renovations, as well discuss their application and intent. This session is great for all industry professionals requiring a barrier-free design refresher, or looking to begin their journey of learning about barrier-free design.

Samantha Proulx, Accessibility Consultant, ABE Factors

WS130 - Understanding Building Envelope Failures

Building Envelope Solutions

Understanding the loads resisted by building envelopes, and developing practical solutions to resist their deleterious forces, reduces long-term spending and increases the value of buildings. The speaker will present case studies to highlight the theories and reinforce good practices and will address challenges and solutions of current restoration projects. Wall design, repair of failed retrofits, and window replacement examples will be examined and their attendant cost implications considered for building owners and managers.

Jon Juffs, Director, Condominium/Strata Group,
McIntosh Perry Consulting Engineers Ltd.

**WS131 - Balcony Enclosures for Enhanced Durability,
Comfort and Energy Efficiency**

*Building Envelope Solutions
Sustainable Design, Environment & High-Performance Buildings*

In most parts of Canada, balconies are only habitable for half of the year and even less so when rain and high winds are taken into account. Glazed balcony enclosures extend the occupancy period of balconies while improving durability, reduce maintenance cost, increase thermal comfort and fire safety as well as reduce airborne noise reduction and increase energy efficiency. Presentation participants will be shown the typical design, fabrication and installation procedures associated with glazed balcony enclosures and the features available in the market today. Participants will also have the opportunity to understand how glazed balcony enclosures are designed, fabricated and installed, to appreciate the overall benefits associated with balcony enclosures; and to compare the thermal comfort benefits between enclosed and unenclosed.

Henry Nieuwenhuis, Project Development Manager, Lumon Canada

RYCOM Smart Tech Pavilion

Wed. Nov. 28 - Fri. Nov. 30 • South Building

The Smart World is only getting smarter so in 2018, PM Expo, together with RYCOM, is bringing the Smart Tech conversation front and center for the Canadian Real Estate Market with the debut of the new Smart Tech Pavilion. The Smart Tech Pavilion is designed to elevate and tailor the Smart Technology conversation for building owners and operators in Canada. Join us for Smart Talks with industry leaders and explore our showcase of leading Smart Property success stories. Connect with Smart Tech solutions providers and resources who represent the key building blocks for Smart Properties and Portfolios.

RYCOM

WS200 - Decoding the Codes: Demystifying the Changing Energy Codes

*Legal, Regulatory & Risk Management
Sustainable Design, Environment & High-Performance Buildings*

This session will review the recent changes to Ontario Energy Codes including SB-10, TGSv3, and Ontario Energy and Water Reporting and Benchmarking (EWRB). The session will highlight the impact of these changes and provide recommendations on how you can prepare for success. The presentation will include energy model case studies for a prototypical Industrial Warehouse, MURB and Commercial Office. These case studies will include design examples that comply with the new SB10, TGSv3 Tier 1 and TGSv3 Tier 2 standards. Furthermore this session will discuss how these Energy Codes compare with the evolving LEED energy requirements. This panel which includes members of the architectural and developer community will provide their unique perspective and discuss the challenges with meeting these new energy codes.

Claudio Cavalieri, President, Cavalieri & Associates Ltd.

Michael Guadagnoli, Director of Building Performance, Ecovert Sustainability Consultants

Adolfo Silva, Principal, Ecovert Sustainability Consultants

Brad Woodbine, Partner and Sr. VP Estimating, Sales, Marketing, Leeswood Construction

WS201 - Reducing Electricity Costs in Buildings with Energy Storage and Big Data

*Optimizing Building Performance & Enhancing Net Asset Value
Smart Buildings, Technologies & Innovations
Sustainable Design, Environment & High-Performance Buildings*

The electric grid is undergoing its greatest transformation as we move from large centralized distribution to a decentralized "transactive" grid. This presentation will look at how the convergence of energy storage and big data are spearheading a revolution in the energy industry. It will discuss how technology and new regulatory frameworks are changing the industry and the opportunity for building owners to have greater control of their electricity needs which will lower costs, increase resiliency, and improve environmental performance. It will review both the macro-view, with a clear explanation of the trends, and then continue to the perspective of an individual building to discuss site feasibility, and realistic expectations of costs and savings.

Matthew Sachs, COO, Peak Power

WS202 - Incorporating Wellness as a Part of Your Sustainable Building

Sustainable Design, Environment & High-Performance Buildings

While green building standards have long incorporated sustainability features such as energy conservation and reduced environmental footprint, increasingly they are considering factors that impact the comfort and health of the occupants. This presentation will consider the business case for incorporating wellness criteria into buildings for both occupants and building owners. It will then review the latest wellness trends as related to green building programs like LEED, FitWel and IgCC. Finally, it will provide some strategies for incorporating wellness from building design all the way to property management. Attendees of this session will understand the wellness dynamic, how it is defined, and the different aspects of wellness that should be considered in sustainable buildings. They will also consider measurable financial returns of wellness in buildings and how wellness features can improve occupant health and performance.

Shyam Ramrekha, Product Manager, UL Environment

WS300 - Real Estate and Construction Tech Poised for Disruption

Smart Buildings, Technologies & Innovations

Construction technology start ups are attracting record levels of investment. The number of funded construction tech start ups tripled in 2017 from 2016 and it's the #1 tech investment trend in 2018. During

the first phase we saw technologies that promised to broadly solve management activities in a better way. During the second phase we see highly focused point solutions that promise to solve specific problems in a much better way. We are on the verge of a third phase of innovation that promises to significantly disrupt the industry. Big data, blockchain, artificial intelligence and machine learning technologies are near commercialization for practical use cases. Start ups like WeWork are redefining real estate and defining the new market and buyer, similarly the speed at which construction tech is innovating and redefining the way we build.

Sheila Botting, National Leader, Real Estate & Construction, Deloitte & Touche LLP

Don Clow, President & CEO, Crombie REIT

John Filipetti, Vice President, Development, Oxford Properties Group

Dave Kim, Co-Founder & CEO, Harbr.com

WS301 - New & Emerging Technology for Smart Building & Plant Energy Management Systems

*Smart Buildings, Technologies & Innovations
Sustainable Design, Environment & High-Performance Buildings*

Building Energy Management Systems (BEMS) collect data from Building Automation Systems (BAS), perform analytics and generate insights into ways to optimize building performance. Energy Management Information Systems (EMIS) perform similar functions with data from building energy meters. These data analysis approaches have shown promising results in the Federal Government's building portfolio, yielding short payback times with the energy savings realized. This presentation will provide a summary of ongoing Smart Buildings and Smart Plants projects within the Federal Government where BEMS, EMIS and related approaches have been implemented across many buildings. We will highlight the successes, challenges and next steps.

Scott Shillinglaw, Research Council Officer, National Research Council

WS500 - Future of HVAC: Multi Unit Residential Building Retrofits



Smart Buildings, Technologies & Innovations

Over 50% of multi-unit residential buildings (MURBs) in the GTA are heated with antiquated electric baseboard or radiant heat, costing building owners and tenants inordinate amounts of money. To address this, owners are turning to heat pump technology to provide an efficient and effective HVAC system for their buildings. This presentation will review the ins and outs of retrofitting multi-unit residential buildings (MURBs) with VRF. Government incentives and innovative financing options for your VRF retrofit will also be explored, along with a case study review session.

Eric Campbell, Engineering Sales, Direct Expansion Solutions [DXS]

Kartik Singla, Principal, Direct Expansion Solutions [DXS]

WN151 - North Bay Courthouse Seismic Retrofit with Precast Concrete Shear Walls

Project Design, Planning, Delivery, Management & Best Practices

In 2014, a structural assessment of the North Bay Courthouse determined that the building lacked a welldefined lateral force-resisting system (LFRS), with interstorey lateral drift as the likely cause of observed masonry cracking. Learn about the final design which involved structurally reinforcing the interior steel framing and slab connections to transfer seismic loading to 13 full-height reinforced precast concrete shear walls around the building perimeter.

Tim Van Zwoil, Regional Manager, Associate, Building Science and Restoration, Read Jones Christoffersen Ltd.

10:30 am - 12 pm

AS102 - Elevator Regulatory and Compliance Overview for Apartment Property Managers and Owners



*Apartment & Condominium Management
Legal, Regulatory & Risk Management*

This session will include a regulatory overview highlighting owners' requirements according to the regulation as well as cover licensing, maintenance, and incident reporting. The speakers will review changes to the Maintenance Control Program made over the years when it comes to maintenance along with the minimum to be completed in accordance the Code Adoption Document. Learn about the types of inspections that exist as well as who directions are issued to, the value of completing open orders and the ways owners can save money and avoid follow-up inspections by utilizing Declaration of Compliance when it is offered. Discover upcoming compliance timelines/safety initiatives including the current Directors Orders such as single speed devices, car aprons, machine guarding, top or car handrail and step skirt index testing. Learn about safety initiatives TSSA have been involved with which includes door strikes at nursing homes and several safety videos that have been created in order to bring awareness of some of the user behavior issues that exist. Don't miss the update on the elevator availability study results that was undertaken last year.

- Daryl Chong**, President & CEO, Greater Toronto Apartment Association
- Rob Kremer**, Engineering Manager, Technical Standards and Safety Authority
- Dean McLellan**, Incident Management Specialist, Technical Standards and Safety Authority

WS105 - Lakeview Village: Update on Mississauga's Sustainable Waterfront Re-Development

*Project Design, Planning, Delivery, Management & Best Practices
Sustainable Design, Environment & High-Performance Buildings*

Lakeview Village is one of the largest & most exciting waterfront re-development projects in Canada. This 177 acre project will be a mixed use, complete community consisting of a range of residential building types, commercial uses, research and employment uses, and an extensive park and open space system. The project is currently in the initial stages of master planning. The speakers will provide background on the project and talk about some of the sustainability goals that both the ownership group and the City of Mississauga have for this project. The goal of the project is to be Net-Zero Ready and future study will determine if the project can achieve Net-Zero Energy. The Lakeview Community Partners are also considering the opportunities of utilizing smart city technologies and ideas to make this community a truly innovative and world class waterfront community and destination.

- Albert Bicol**, Principal, Alberto Bicol Consulting
- Fabio Mazzocco**, President, Land Development, Argo Development Corporation
- Brian Sutherland**, Director of Development, Argo Development Corporation

WS132 - Re-thinking Building Exteriors: Revitalization Versus Replacement

Building Envelope Solutions

After decades of exposure to people and nature's elements, building owners and property managers are faced with having to make decisions on replacing components of their building's facade or find some way to clean or cover up the damage inflicted. Carbon, acid rain, salt, airborne dirt and pollen, UV rays and even graffiti are all degrading the building envelope. Whether it's concrete, natural stone or metal panelling, replacement is expensive. Until now, the only viable alternatives have been elastomeric wall coverings (EWC's), two part epoxies, paints or acrylics –

all with pro's and con's. After having been used and tested in Europe for many years, polymers specifically formulated for porous and nonporous surfaces are now starting to reach North America. This presentation will cover the basics of these formulations and discuss the benefits of using them on the exterior and interior of commercial buildings.

Dean Stanbridge, President, Provive Revitalization Services

WS133 - Exceeding Building Code Thermal Performance with Precast Concrete

Building Envelope Solutions

Energy and thermal performance requirements are growing and playing an increasingly significant role in building codes throughout North America. However, understanding and meeting the requirements has also become increasingly complex. At the same time, it has become clear that important decisions regarding basic enclosure assembly design and window area need to be made early in the design process to achieve the most cost-effective, energy efficient, and comfortable building. CPC's new web-enabled software provides a program to ensure compliance options for modern building energy codes, and suitable methods for quickly estimating, at an early design stage, the thermal performance of precast concrete enclosure wall systems.

Christina Ismailos, Building Science Engineer (EIT), RDH Building Science

Alex Lukachko, Principal, Senior Building Science Specialist, RDH Building Science

WS203 - Lifecycle Optimized Solutions in Building Restoration for Public Infrastructure and Private Facilities

*Project Design, Planning, Delivery, Management & Best Practices
Sustainable Design, Environment & High-Performance Buildings*

As we increase our population and urbanization of Canadian cities, the rising demand for high performance construction products that meet stringent safety, resilience, energy efficiency, environmental and quality requirements is growing. Longer life cycles of our public infrastructure and private buildings is critical. A unique approach to restoration is key. Examples will be presented for hospitals and healthcare facilities projects including support for stadium restoration, maintenance of hotels, and solutions for water and wastewater treatment applications. The speaker will present examples of various repair projects that are helpful in proving the choices of longer life cycle.

Gregor Dolenc, Area Sales Manager, Commercial Construction, SIKA CANADA

WS204 - The Science of the High Performing Workplace

Sustainable Design, Environment & High-Performance Buildings

The new science of architecture and interior design clearly shows that we experience space very differently to how we previously thought. But how does that affect how we should be designing our corporate workplaces? This presentation presents science-based answers for questions, such as; what can offices learn from nightclub line-ups and why should be letting your staff co-design the office. Learn real world examples of how designing with staff members fundamentally changes what gets designed, the importance of what everything from meeting rooms to desks signal to your staff, how to embed culture into physical space and how to recruit and train the real advocates your office needs after moving into a new space.

Tyler Gilchrist, Vice President, Design Research and Strategy, Figure 3

**MLSE Raptors Gondola Box Giveaway
South Building**

Visit MLSE for a chance to win Gondola box seats with the Raptors. Try your luck at the skills competition!

WEDNESDAY NOVEMBER 28

WS205 - Risks & Issues: Retail Tenants Legally Selling & Growing Cannabis

Legal, Regulatory & Risk Management

The production of Cannabis and Cannabis products is regulated under Health Canada. However, when it comes to environmental compliance there are other federal, provincial and municipal regulations that apply. Through effective planning and management, environmental compliance can be achieved and health & safety risks associated with the Cannabis Industry can be mitigated. Highly experienced in the Cannabis industry, Pinchin understands the challenges facing these highly humid, odorous indoor growing environments and their associated processing plants. Come hear how to manage moisture damage to buildings, gain regulatory compliance, keep workers safe and manage nuisance complaints associated with odour.

Stephen Booth, Director, Indoor Environmental Quality, Pinchin Ltd.

Ian Hutcheson, Project Manager, Emissions Reduction & Compliance, Pinchin Ltd.

Ian Murdoch, Senior Client Manager, Pinchin Ltd.

Timothy Reyes, Senior Project Engineer, Emission Reduction & Compliance, Pinchin Ltd.

WS303 - The Building Blocks of a Smart Building: Getting Smart and Connected from the Ground Up

Smart Buildings, Technologies & Innovations

Get the big picture for what it takes to create a complete Smart Building from the ground up. From hardware to software, from BBNs with multi-vendor integration to advanced managed services, and from integrated data analytics to cybersecurity - gain in depth perspective from a panel of industry experts on how your Smart strategy is mapping to the big picture.

Claire Santamaria, Director and General Manager, Yorkdale Shopping Centre

Jennifer Sicilia, Vice President & General Manager, RYCOM Corporation

David Silva, Vice President, Technology, Allied Properties REIT

Theresa Warnaar, Senior Vice President, Retail, KingSett Capital

WS501 - Enbridge Gas Energy Efficiency Programs for the Commercial Sector



Optimizing Building Performance & Enhancing Net Asset Value

This presentation will provide an overview of Enbridge's Energy Efficiency Program offerings currently available to the commercial sectors. The programs include custom and fixed incentives and Run it Right, as well as can help offset capital upgrade costs, reduce energy consumption and improve your bottom line.

George Hantzis, Team Lead, Commercial Programs, Enbridge Gas Distribution

Rymar Golf Lounge

Wed. Nov. 28 - Fri. Nov. 30 · North Building

Come experience the Rymar Golf Lounge where the team will be hosting a daily Closest to the Pin challenge for exciting prizes valued at \$1500. The Lounge will also have a custom putting green to practice your short game. All proceeds will go to the Red Door Shelter.

rymar
WE ARE NORTH AMERICA'S #1 GOLF

1 pm - 3 pm

PS102 - Leadership Skills for Managers: How to Achieve Success in Today's Increasingly Demanding Environment

Professional Skills, Strategy & Leadership

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.

Kevin Lust, International Speaker & Trainer, Lust Development Group

1 pm - 4 pm

PS106 - Project Management: Leading on Purpose - The Art of Facilitative Leadership

Professional Skills, Strategy & Leadership

Project Design, Planning, Delivery, Management & Best Practices

Project managers are the focal point for introducing new ideas, products and services into the environment but natural resistance to change is hard-wired into our humanity. The simple definition of facilitative leadership is to transform this resistance into a supportive mindset, without the use of positional power. The goal is to multiply individual contribution by focusing on removing obstacles, ambiguity and distractions that impede peak stakeholder performance. Facilitative leaders pay attention to what people value and need, and create an environment where conflict is considered an ingredient to collaboration, rather than an impediment. Participants will gain a clear understanding of the individual and organizational drivers of peak performance, a simple five-step framework for elevating stakeholder commitment to the "shared ownership" level and an understanding of the mindset, skillset and toolset capabilities required to achieve and sustain this level of engagement.

Bill Richardson, Project Manager Coach, Procept Associates Ltd.

1 pm - 2 pm

WS108 - How to Succeed in Adjudication Under the Construction Act

Legal, Regulatory & Risk Management

With implementation imminent, the adjudication provisions of the new Construction Act constitute a monumental change in how disputes are to be resolved. A major change and challenge is that the adjudicator must make a determination within 30 days of receiving the documents. Succeeding in this limited timeframe requires an understanding of the process along with the ability to convey your case in a clear and compelling way. This presentation will explore questions such as What is the ANA (authorized nominating authority)? How does the ANA select adjudicators? What might an adjudication submission look like? What lessons can be learned from the UK and other jurisdictions that have adopted adjudication?

Gerard Boyle, Vice President, Revay and Associates Limited

Sandra Burnell, Senior Consultant, Revay and Associates Limited

WS109 - Acoustics: Principals and Solutions to Avoid Tenant Complaints

Project Design, Planning, Delivery, Management & Best Practices

This presentation defines building code requirements and outlines acoustic principles in addition to discussing efficient means of acoustic insulation using multiple floor/ceiling assemblies for multi-family buildings. Through case studies and example, topics covered include basic acoustic principles and definitions, impact and airborne sounds in multi-family buildings, means of soundproofing multi-family buildings and the do's and don'ts for acoustics in buildings. It will define general acoustics principles, demystify sound propagation of noise in different materials and sound insulation of floor/ceiling assemblies.

Cristian Wallace, Business Development & Specifications, AcoustiTECH

WS134 - Curtain Wall Failures, Follies, and Fixes

Building Envelope Solutions

Curtain wall failures are a common and often highly visible problem for commercial owners and managers. This presentation discusses various methods of failure, including air and water penetration, structural failures, and aesthetic degradation. Unlike the construction of a new high-rise, the restoration of a fully occupied building poses challenges that go beyond detailing the work and hiring the trades. Selecting the optimal method of retrofit, including refurbishment of the existing system, overcladding, and full removal and replacement, is crucial to delivering a successful project. Case studies highlight these approaches, their relative advantages and disadvantages, and technical considerations.

Rob Wood, President, C3 Specialty Glazing Solutions

WS135 - Whole Building Airtightness Testing of Industrial, Commercial, and Institutional Buildings

Building Envelope Solutions

Commencing in 2013, Red River College's Building Envelope Technology Access Centre (BETAC) undertook a research project testing for whole building airtightness on 26 large buildings ranging from 100 year old churches to new schools. Determining baseline air leakage rates in a range of buildings, and comparing pre- and post-building retrofit air leakage rates to determine feasibility and cost effectiveness of air sealing. Also addressed are the unique problems associated with performing airtightness tests on occupied Multi-Unit Residential Buildings. During the time of the research, BETAC contributed to the writing of a new Air Barrier Association of America (ABAA) Standard called ASTM WK35913 Standard Test Method for Determining the Air Leakage Rate of Large or Multi-zone Buildings.

Cory Carson, Mechanical Engineering Research Technologist, Red River College

Kevin Knight, Research Professional, Red River College

WS136 - Improving Energy Efficiency Through the Design of the Building Envelope

*Building Envelope Solutions
Sustainable Design, Environment & High-Performance Buildings*

The building envelope plays an important role in energy efficiency. Proper design of building envelope significantly impacts the total building energy savings. This presentation focuses on the building envelope deficiencies through the thermal bridging and possible solutions by introducing recent research done by RDH laboratories. This course will address the environmental impact of building construction, thermal bridging and heat loss through the building envelope and different cladding attachment methods, and will provide an introduction to structural testing of long screw through thick insulation and analyzing the impact of cladding weight and insulation thickness on cladding deflection and displacement.

Sadaf Mansour, Building Science Specialist, ROCKWOOL (previously Roxul)

WS206 - Sustainability in Buildings: A 360 Degree View from a Landlord, Property Manager & Tenant

*Optimizing Building Performance & Enhancing Net Asset Value
Sustainable Design, Environment & High-Performance Buildings*

Real estate owners, managers, operators and tenants are under increased pressure to "green" the way that they operate, maintain and use their real estate. The speakers will discuss the challenges and solutions to running and occupying a green building and how working together can make a difference.

Steve Ichelson, Principal, Vice President, Operations, Avison Young

Jim Lord, Principal, Ecovert - Sustainability Consultants

Kit Milnes, National Sustainability Manager, Triovest Realty Advisors

WS207 - The Ontario Fire Code: New Requirements, Responsibilities and a Path Forward

Legal, Regulatory & Risk Management

This session will describe recent changes to the Ontario Fire Code and the rationale for the changes. It will also discuss the responsibility of building owners and property managers to comply with the Fire Code and ongoing work to address new and emerging fire safety risks. Participants will gain a better understanding of fire safety issues and requirements in Ontario and a realization of why change is necessary.

Gord Yoshida, Fire Protection Engineer, Office of the Fire Marshal and Emergency Management

WS304 - Smart Technology is Smarter with Meaningful Analytics and Alerts

Smart Buildings, Technologies & Innovations

As technology continues to connect more inanimate objects to the Internet, it's becoming more important for sensors to provide useful and actionable information. Analytics of Things (AoT) is the next phase in the growth of IoT (Internet of Things) products. This means that devices and platforms need to be created to interpret large amounts of data so products are useful. This session discusses how analytics can make connected devices smarter and enable intelligent action to be taken. Topics cover how to understand normal patterns and causes for variation, real-time monitoring and how to identify unusual events and the correct response or repair, predictive asset maintenance and the use of sensor data to detect potential problems and comparative usage statistics and how they motivate an energy consumer to conserve.

George Tsintzouras, CEO, Alert Labs

WS306 - What is the Value of the Integrated Data Generated by Your Smart Building?

Smart Buildings, Technologies & Innovations

As Smart Tech evolves, Smart buildings are generating more and more data. What action should building owners and operators take to leverage the available data? Gain an in depth perspective from a panel of industry experts on the major considerations for generating operational insights and business intelligence that maximize the cost savings and profitability of a property and portfolio.

Lachlan MacQuarrie, Vice President, National Programs, Oxford Properties Group

Demitrius Marshall, Vice President of Technology and Professional Services, RYCOM Corporation

David Sulston, Director, Security Oxford Properties, Oxford Properties Group

Powell Talverdi, Director, Technical Services, Allied Properties REIT

WEDNESDAY NOVEMBER 28

WN154 - Parking Garage Restoration Case Studies: Repair, Renewal and Restoration

Project Design, Planning, Delivery, Management & Best Practices

Learn about different applications and scenarios from across Ontario including full slab replacements, waterproofing, cathodic protection, expansion joints, carbon fibre reinforcement, and post tension. The speakers will address the parking garage restoration of two case studies, the Memorial Street Parking Garage and the restoration of a multilevel slab replacement in the largest apartment complex.

Eliseo Conciatori, Vice President, Vector Corrosion Technologies Ltd.

Gregor Dolenc, Area Sales Manager, Sika Canada

Walid Habis, Principal, Momentus Engineering Management

WN604 - Stone Cladding Technologies: Getting it Right the First Time

Building Envelope Solutions

This presentation will discuss cladding types, key factors in "getting it right the first time", material selection, structural back-up, shop drawings, anchor design, example projects and testing.

Michael Picco, President & CEO, PICCO Engineering

2:30 pm - 4 pm

WS111 - Better Buildings Can Be Better for the Environment, Organizations, and Employees

Sustainable Design, Environment & High-Performance Buildings

Better building systems bring energy efficiency and operational benefits which are relatively easy to demonstrate. It has been much more difficult to establish the complete economic value of advanced buildings and develop a solid business case based on organizational productivity gains. The National Research Council of Canada uses a balanced scorecard approach to combine the benefits on energy and maintenance with the effects on employee well-being into an overall picture of organizational productivity. This presentation will show how better buildings stack up against other organizational interventions that might affect employee well-being, using results from several recent and ongoing NRC research projects in Canadian.

Jennifer Veitch, Principal Research Officer, National Research Council

WS112 - Mount Dennis Childcare: The City of Toronto's First Net Zero Facility

Sustainable Design, Environment & High-Performance Buildings

This seminar will explore the design principles used to achieve the City of Toronto's first Net Zero facility, the Mount Dennis Childcare, and explore how the Toronto Green Standard, TransformTO, and the CaGBC Zero Carbon Building Standard were used to guide the process, receive incentive financing, and contribute towards achieving the cities climate goals. Our facilities management team are using a detailed and high-performance design framework that ensures energy efficiency measures are considered through all phases of the project, from initial schematics through to construction, commissioning and operation. The project will be used as a ground breaking case study on how to create a Net Zero energy institutional facility, using envelope enhancements, geothermal and PV/T on site energy.

Susan Spencer Lewin, Principal, CS&P Architects

Sheena Sharp, Principal, Coolearth Architecture

Dejan Skoric, Senior Project Manager, City of Toronto

WS113 - A Guide to the Construction Act of Ontario: Modernizing the Lien Act

Legal, Regulatory & Risk Management

Project Design, Planning, Delivery, Management & Best Practices

The New Construction Act which came into effect on July 1st, 2018, addresses the modernization of the previous Lien Act and introduces several complex issues while introducing a new element to the process, such as adjudication. Learn about the two-part guide developed by the Ontario General Contractors Association (OGCA) which will address these changes and what they mean to General Contractors in Ontario. Join OGCA as they provide recommendations for general contractors on how to respond to this New Construction Act.

Leonard Finegold, Counsel, Goldman Sloan Nash & Haber LLP

James Little, Associate, Singleton Urquhart Reynolds Vogel LLP

Paul Raboud, Chairman of the Ontario General Contractors Association and Vice Chair, Bird Construction Company Ltd.

South Demo Area

Presented by  **PlanGrid**

Protected Membrane Roof System and Roof Terrace
Wed. Nov. 28 & Thurs. Nov. 29 • 11:30 am - 12 pm

Transforming Construction Productivity
Wed. Nov. 28 & Thurs. Nov. 29 • 12:30 pm - 1 pm

Streamlining Property Management Operations and Resident Experiences
Wed. Nov. 28 & Thurs. Nov. 29 • 1:30 pm - 2 pm



North Demo Area

Presented by 

Selecting the Proper Adhesive for Your Stone Projects
Wed. Nov. 28 & Thurs. Nov. 29 • 11:30 am - 12 pm

Build Your Business' Financial Success: QuickBooks Online & Construction App Partners
Wed. Nov. 28 & Thurs. Nov. 29 • 12:30 pm - 1 pm

Build Bold with Royal's Innovative Sidings
Wed. Nov. 28 & Thurs. Nov. 29 • 1:30 pm - 2 pm



WS114 - What's New in Lighting: Innovations and Trends for 2019

*Project Design, Planning, Delivery, Management & Best Practices
Smart Buildings, Technologies & Innovations*

Lighting innovations and trends are changing along with the digital world. We are moving beyond lighting control systems to smart, connected lighting – a sensor network and operating system that enables better light, increased tenant comfort, and building energy efficiencies which make organizations more effective and profitable. Learn about some of the latest trends in fixtures, applications, and strategies for facility and property managers to futureproof today's lighting solutions to leverage tomorrow's needs.

Jeff Beare, Vice President Sales and Marketing, Stanpro Lighting

Deborah Savage, Certified Electrical Engineering Technologist, Stanpro Lighting Systems

WS137 - Vapour & Condensation Ingress: Best Practice Solutions for Building Envelope

Building Envelope Solutions

The presentation will discuss the importance of having high performance enclosures in heating climates to minimize building problems resulting from air, vapour and heat movement through the wall assembly. The objective of the presentation is to stress the importance of designing high performing enclosures that will minimize vapour and condensation ingress so that the building envelope will perform as designed, there by construct durable buildings/structures.

Pravin Pai, Associate, Stephenson Engineering Ltd.

WS138 - Restoration of Aging Masonry Buildings: Best Practices for Maintenance and Rehabilitation

Building Envelope Solutions

Brick masonry has been, and will continue to be, a widely used building material due to its appearance, durability and performance characteristics. Periodic rehabilitation of brick-clad buildings is essential to maintain the integrity, performance and longevity of the building envelope. Most masonry restoration work is undertaken to either correct installation errors, proactive maintenance to address age related deterioration or reactive rehabilitation to reduce liability from potential fall hazards. This presentation will help building owners, property managers, facilities operators, engineers and design professionals understand the best practices for maintenance and rehabilitation of aging brick masonry exterior walls.

Jonathan Dickson, Senior Project Manager, Pretium GRG

WS139 - Roof Maintenance, Repair and Replacement: What You Need to Know

Building Envelope Solutions

Today, roofs are facing weather conditions, which they may not have in the past. Properly maintained roofs can exceed their design life. This presentation will discuss the general concept of roof maintenance beginning at the most critical stages of a roofs life – the design stage, through the roofs service life and will include visual, non-intrusive, and intrusive investigative techniques that, if properly undertaken will ensure the roof assembly meets or exceeds its designed service life.

Ted Katsoris, Department Manager - Buildings and Facilities, Morrison Hershfield

WS208 - Rapid Fire for Property Managers: Maintenance & Capital Repair for Existing Buildings

Building Envelope Solutions

Optimizing Building Performance & Enhancing Net Asset Value

This panel will feature engineers from three leading building science / building restoration firms discussing the many facets of maintenance and capital repairs for existing buildings. Topics covered include roofing, windows, masonry facades, EIFS facades, asphalt paving, parking garages and more.

Darren East, Property Manager, Wilson Blanchard Management

David Heska, Southwestern Ontario Director, Building Sciences, WSP

Daniel Martis, Principal, Project Manager, Morrison Hershfield

Ian Miller, Project Principal, Branch Operations Director, Pretium Anderson Waterloo

WS209 - LEEDv4.1 O+M and the Changing Nature of Benchmarking Green Building Performance

Sustainable Design, Environment & High-Performance Buildings

The newest version of LEED (LEED v4.1 O+M), released as a beta test in March 2018, aims to get more existing buildings and interior spaces engaged in benchmarking sustainability performance and certifying with LEED. By fully integrating the Arc platform for performance reporting and benchmarking, and by including notable changes to energy and water performance scoring, LEED v4.1 O+M is expected to have an impact not just on commercial real estate but on residential and industrial buildings as well. This presentation will provide an overview of the new rating system and explain the many opportunities and risks that LEED v4.1 is expected bring.

Matthew Hirsch, Project Director, WSP

Daniele Magditsch, Project Manager, Sustainability & Energy, WSP

WS210 - Smart Cities: The Convergence of Technology and Real Estate

Smart Buildings, Technologies & Innovations

The global trend for cities to become “smarter cities” is rapidly proliferating with hundreds of smart city initiatives around the world. How can cities around the world compete to attract global talent, drive economic development and improve the quality of life in a sustainable way? What is the role of real estate developers to support “smarter cities” through their real estate developments and build in competitive differentiators to attract global tenants and to improve asset values of their real estate portfolios? This presentation answers these questions and provide a discussion around smart cities.

Albert Bicol, Principal, Alberto Bicol Consulting

WS307 - Timing is Right: Transforming Multifamily Turnover with Technology

Optimizing Building Performance & Enhancing Net Asset Value

Smart Buildings, Technologies & Innovations

Turning over a unit to make it “lease-ready” is a major pain point. Aging inventories require more complex renovation scopes and strategic spending. Increased turnover times can lead to loss of revenue and drive staff inefficiency. Building an efficient turnover process starts with having proper data. It is now possible to leverage cloud and mobile technologies to capture the data and use it to build an inventory of assets that will help with predictive budgeting, drive automation, ensure full end to end workflow approvals and complete control over specifications. This panel will show how leveraging technology to automate suite turnover can reduce turnover times by up to 60% and at the same time increase visibility and control over your portfolio.

Will Chan, Chief Information Officer, CLV Group

Margaret Herd, Senior Vice-President, Residential Property Management, Park Property Management

Elik Jaeger, President and CEO, SuiteSpot Technology

Adriana Keresztes, Regional Vice President, Central Canada, Northview Apartment REIT

#TheBuildingsShow



7 am - 8:30 am

SS106 - Ask the Experts Breakfast



*Professional Skills, Strategy & Leadership
Smart Buildings, Technologies & Innovations*

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. Bring your challenges associated with production, construction, repair, and maintenance on concrete projects. The content provided each day differs based upon the questions posed by attendees. Originally founded at the World of Concrete, this industry networking event has been highly popular due to its relaxed setting and practical, problem-solving focus. Breakfast is included.

Shervan Khanna, Sales and Marketing, BASF Canada

Francis Mongeon, Key Account Manager, BASF Canada

Cameron Monroe, Technical Support Leader, BASF Canada

8 am - 10 am

SS103 - PM Executive Roundtable - PropTech: Transforming the CRE Industry Through Technology and Innovation



*Professional Skills, Strategy & Leadership
Smart Buildings, Technologies & Innovations*

Technology is changing the world at an unprecedented speed and the real estate market is not exempt from this transition. The results include transformation of how buildings are managed, how they are used, and how services are delivered to tenants at every level of operations and customer engagement. The transition in the real estate market is most commonly referred to as PropTech – technology that can make elements of real estate more efficient through artificial intelligence, innovations for the built environment, blockchain and capital markets, building automation and energy efficiency, space utilization, workplace-as-a-service, data analytics, drone technology, and augmented reality. Why has over \$10B been raised for PropTech innovations since 2012? There is significant interest among real estate owners in any strategies, products, technologies and services that can make new and existing properties more productive, efficient and sustainable. The market is responding with solutions that can bring projects not just “on time, on budget” but can actually surpass these goals by 20% or more. What is the range of strategies that you could be considering in order to take advantage of technological innovations for your real estate assets, for your overall portfolio, for your firm, for your clients, and for your best practices? What are some examples of PropTech initiatives that have entered the market?

Debbie Baxter, Partner, Real Estate Advisory, Deloitte Real Estate

Thano Lambrinos, Vice President, Smart Building Technology, QuadReal Property Group

Matthew Lennan, Innovator in Residence, Oxford Properties Group

William MacGowan, Director, Smart Connected Real Estate, Cisco Canada

9 am - 11 am

PS103 - Powerful Persuasion and Negotiating Techniques: The Keys to Getting What You Want

Professional Skills, Strategy & Leadership

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.

Kevin Lust, International Speaker & Trainer, Lust Development Group

9 am - 10 am

TS101 - Executing on Sustainability: Lessons from the Front Line

Sustainable Design, Environment & High-Performance Buildings

The building industry is constantly evolving with sustainability being a key objective. Various standards exist to quantify sustainability, such as LEED, Net Zero, WELL, Passivhaus and more. This workshop aims to address crucial gaps in the communication, facilitation and execution of sustainability across a variety of procurement methodologies in a practical lessons learned format and will provide attendees with takeaway tools and strategies to overcome the traditional silo model and adopt one of collaboration. Leveraging their experience delivering on sustainability projects over the last 10 years, the discussion will include case studies, lessons learned, and tips on how to ensure your sustainability objectives are articulated clearly, and are able to be competitively bid, designed and constructed, and ultimately certified.

Kathleen Agustin, Sustainability Coordinator, EllisDon

Jonathan Waltr, Senior Project Manager, EllisDon

TS130 - Mould, Moisture and the Building Envelope

Building Envelope Solutions

Mould growth in buildings is both a health hazard and a liability for property managers. In addition to providing you an update on regulations and guidelines, general liabilities, and due diligence responses, this seminar will discuss common building details that contribute to the risk of water damage and mould growth. A focus on past projects and real-life examples of the process of identification of deficiencies, design, remediation, and restoration of the building will show how lessons learned can be applied to your properties.

Jill Grant, Director, Practice Line Leader, Pinchin Ltd.

Gord Rajewski, National Practice Leader, Building Science and Sustainability, Pinchin Ltd.

Chargeant Power Up Stations

“Power up on the go” with Chargeant portable phone chargers available in both the North and South Buildings.

TS131 - New and Innovative Products for Building Envelopes: Update on Technologies and Systems

*Building Envelope Solutions
Smart Buildings, Technologies & Innovations*

While Building Integrated Photovoltaics (BIPV) have been around since the 90s, recent years have seen advancements making them more versatile and cost effective. Through the course of this presentation, we will look at several types of BIPV panels and their application as cladding, insulated glazing units (IGUs), and even balcony guard glass. We will then review how BIPV combined with the latest air barriers, insulation, and thermally broken clips, can be integrated into the wall assembly to create a high performing envelope capable of meeting the most stringent energy requirements.

Jennifer Hogan, Branch Operations Director and Sr. Project Manager, Pretium Anderson Building Engineers

Guy Mongeon, Sales Manager, Architectural Technologist, Belnor Engineering

TS200 - The Building Manager's Guide to Developing an Energy Conservation Plan

*Project Design, Planning, Delivery, Management & Best Practices
Sustainable Design, Environment & High-Performance Buildings*

Creating an energy conservation plan can be a daunting task for a building or facility manager already overwhelmed with duties and responsibilities. To truly take control of your energy entails more than just energy efficiency. Suited for building managers and professionals with a basic to intermediate knowledge of building science, this presentation will explore the many facets of energy management, including government programs, trends and social expectations. Attendees will also learn about available tools and services to help set and achieve conservation goals.

Scott Martin, President, Efficiency Engineering

TS210 - Fitwel: How to Promote Health and Wellness in Your Building

Optimizing Building Performance & Enhancing Net Asset Value

Health and wellness is becoming increasingly important to companies and their employees and is one of the next major trends in green building. The Fitwel standard, created as a joint initiative led by the Centers for Disease Control and Prevention (CDC) and the General Services Administration (GSA), provides guidelines for designing, constructing, and operating healthier buildings. In this presentation we will explore the benefits and challenges of the program from the perspective of a tenant and REIT. The seminar will include a case study of a recent Fitwel project and it's journey to achieve the certification.

James Donath, Director of Project Management, Ecovert Sustainability Consultants

Heather Leblanc, Vice President, Property Management, Dream Unlimited Corp.

TN151 - High Performing Precast Concrete Building Enclosures

*Building Envelope Solutions
Optimizing Building Performance & Enhancing Net Asset Value
Sustainable Design, Environment & High-Performance Buildings*

A structure's enclosure (building envelope) has considerable impact on its overall performance. The envelope serves as a barrier between the outside environment and conditioned space, part of the aesthetic expression of the structure and as a protective shield against the forces from extreme climate change related events. High-performing building envelopes can help reduce the overall energy consumption throughout the structure's life and maintain and protect its interior environment and occupants. This presentation addresses what high performing building envelopes are, as well as key elements to their performance. It will discuss how to use precast concrete wall systems to meet the latest code requirements such as continuous insulation and air barriers. Topics covered include moisture management, how to calculate effective R-values, integration with other building systems and the important function of durability and climate resilience to severe environmental forces such as high winds and rains.

Malcolm Hachborn, President, M. E. Hachborn Engineering

TN601 - Working with Tile: Technical Attributes of Porcelain Tile and the Latest Trends

Project Design, Planning, Delivery, Management & Best Practices

This session will address the latest trends and technical information in porcelain tile. The speaker will address the definitions of thru-body, colour-body, and glazed porcelain tiles with emphasis on technical and aesthetic qualities. Learn about the latest design trends including the latest tiles from Italy such as mosaic tiles, large format tiles, thin tiles, and technical porcelains. The speaker will review the manufacturing and installation methods during the presentation.

Glen Brewer, President, Midgley Tecnica

10:30 am - 12 pm

AS103 - Long-term Efficiency Planning: Business Case Prioritization for CDM Success



Apartment & Condominium Management

Join us for updates on incentive programs and a discussion about how to prioritize business cases for long-term cost savings and asset renewal. The speaker will examine case studies to illustrate customer journeys and success stories in leveraging available incentives for planned and unplanned capital upgrades. The presentation will provide practical advice and encourage sharing of insights into how to successfully sell energy efficiency to decision makers by effectively communicating non-energy benefits, understanding customer business models and budgeting processes and strengthening supply chain relationships.

Mike Mulqueen, Lead - CDM Business Development (Multi-Unit Residential), Toronto Hydro-Electric System Limited

TS104 - Utilizing Solar Energy Technologies to Reduce Today's Energy Costs

Sustainable Design, Environment & High-Performance Buildings

This session will feature speakers from multiple segments of the solar energy sector (solar PV, solar + storage, and solar air heating) to discuss how these different technologies can be integrated into new and existing buildings and the benefits they can provide. The panellists will include detailed case study information from different projects to help inform attendees on how they might make use of solar technology to reduce electricity and heating fuel costs. The session will also include an overview of the new Ontario net metering regulatory frameworks and how these may impact the energy options available to building owners, managers, and developers.

Wesley Johnston, Vice President, Canadian Solar Industries Association

Todd Marron, North American Sales Manager, Conserval Engineering

TS132 - EIFS: Designing for Durability, Sustainability and Code Compliance

Building Envelope Solutions

Present EIFS represents an integrated cladding system designed to meet the objectives and functional statements of federal and provincial codes with respect to the cladding element of the environmental separation. The design of EIFS has been accompanied by well defined building science principles as well as the development of performance levels having clear objective and functional statements in the applicable codes. This presentation will discuss the multiple defence elements incorporated in the design of EIFS, their functions, performance levels and potential impact on other performance aspects as well as address the characteristics of the substrates, the weather resistive barriers and their potential performance roles as air/vapour barriers, the lamina and its minimum requirements, and the fire performance of these systems.

Peter Culyer, President, Culyer Consultancy Group

John Edgar, President, John R. S Edgar Consulting

THURSDAY NOVEMBER 29

TS133 - Building Envelope Commissioning: A Maturing Marketplace Solution

Building Envelope Solutions

The Building Envelope Commissioning (BECx) sector is maturing and can provide the framework for conversations about increasingly stringent envelope-related standards, codes, and performance requirements. BECx provides a process to ensure performance is embedded in project requirements and is delivered through construction completion. This session will use project examples demonstrating commissioning principles on new and existing buildings or individual enclosure elements. We will discuss typical design, tender, and construction practices that track and test enclosure performance while keeping project teams informed of how value engineering, changes, or substitutions may affect performance. Lastly, it will connect these to guidelines and standards such as LEED, BOMA BEST, NIBS, ASHRAE, CSA, and ASTM to highlight recent trends in standardization and harmonization.

Scott Armstrong, Senior Facade Specialist, WSP

Jean-Guy Levaque, Senior Principal, Building Sciences, WSP

TS202 - Leveraging Energy Management Best Practices Today

Optimizing Building Performance & Enhancing Net Asset Value Sustainable Design, Environment & High-Performance Buildings

Today's real estate market is characterized by intense competition, new regulatory mandates, and tenants who regard sustainability as a core tenet. In response, technology providers have created real-time data access, smart thermostats, industry benchmarking and other tools for gaining insight into building performance. Join this session to learn about innovative new resources that can help your organization achieve its energy consumption goals and maintain compliance with the latest Energy and Water Reporting and Benchmarking regulations. The panel will discuss the latest technologies and the role artificial intelligence will play in energy management for real estate. Find out how to collect and use smart data that bolsters decision-making and enhances building performance and asset value.

Martin Levkus, Regional Director, Yardi Energy, Yardi Canada Ltd.

TS203 - Resilience Planning for CRE: Transformation to a Resilient Business

Optimizing Building Performance & Enhancing Net Asset Value Sustainable Design, Environment & High-Performance Buildings

As part of the 100 Resilient Cities (100RC) initiative, the Toronto's Resilience Office has a two-year mandate to develop a Resilience Strategy to help Toronto become more resilient. BOMA Toronto has been invited to participate in the Resilient TO (RTO) initiative, and help develop this strategy for the commercial real estate. This session builds on leading research and emerging practice in the commercial real estate sector over the last few years, which is being taken up internationally. In particular, research into carrying capacity that was facilitated by BOMA Toronto members is now used for response and recovery planning in conflict and disaster areas, as well as risk reduction and through-life value protection of commercial real estate. Drawing on leading practice around the world and research at home in Toronto, we are able to substantially advance practice and better prepare for a changing future. As a member of the RTO Steering Committee (and under BOMA Canada's broader national strategy), BOMA Toronto's approach is twofold: Create a business case for CRE Resilience and Develop a Building Infrastructure Resilience Planning Guide for commercial real estate. The discussion will focus on the efficacy and application of the carrying capacity model and the Resilience Planning Guide.

Alexander Hay, Founder and Principal, Southern Harbour Ltd

Rogers Virtual Reality

Feel the speed in an experiential demo. Take a virtual reality lap in a high-speed race car with Rogers.

TN152 - Introduction to the New ACI 562-16 Code for Assessment, Repair and Rehabilitation of Existing Concrete Structures

Building Envelope Solutions

Legal, Regulatory & Risk Management

This presentation will introduce the recently published ACI 562-16, "Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures and Commentary." This is the first code produced specifically for the repair of reinforced concrete.

Tarek Alkhrdaji, Vice President - Engineering Services, Structural Technologies

TN602 - Tile and Stone Maintenance and Restoration Solutions

Project Design, Planning, Delivery, Management & Best Practices

This presentation outlines the common issues and solutions for properly caring and maintaining natural stones and manufactured tile. The speaker will discuss restoration and repairs as well as post installation repair solutions. Learn how to avoid costly common errors that will save you money.

Arnie Majdall, Sales Director, Thor & Partners

Bill Wright, Training and Education, Stone Tile International

TN603 - Terrazzo Today: What You Need to Know about Material and Function

Project Design, Planning, Delivery, Management & Best Practices

The speaker will provide a brief history of terrazzo and a basic understand of the material. Learn about the new and inspiring applications, installations and designs using terrazzo. This presentation will address the challenges, issues, solutions, and best practices for proper installations for commercial and residential applications. Let your creativity be your guide as you explore terrazzo as a potential material for your next project.

Brad Meyer, North American Sales Manager, Domus Terrazzo Supply Co. ULC

1 pm - 3 pm

PS104 - Advanced Communications Skills: How to Get Your Message Across

Professional Skills, Strategy & Leadership

You give what you think are clear instructions, but nothing gets done. You say something in a meeting, but no one listens. You try to make your position known and no one seems to care. The problems of working with others are usually problems of communication. While the problems are all too common, the solutions aren't frequently known. Bridge the gap between your needs and your knowledge and add to your ability to solve communication problems by choosing this fast-paced, high-level course in successful communication skills.

Discover how to:

- Listen well rather than just waiting until it's your turn to talk.
- Handle meetings successfully, whether you're running them or just part of the crowd.
- Use the six rules for open communication to your greatest advantage.
- Avoid the obstacles to good listening that most communicators can never pass.
- Recognize and deal with individuals whose communication style is the exact opposite of your own.
- Use "Verbal Buffers" to soften your message without changing its meaning.
- State negatives positively and ensure you get done what needs to be done!

- Remember the three factors of communication that people find most convincing along with nine ways to use them better.
- Develop a power vocabulary that helps you get things done.
- Overcome those first impression blunders that we've all made, but that few of us ever recover from.

Kevin Lust, International Speaker & Trainer, Lust Development Group

1 pm - 2 pm

AS104 - Working with the New Provincial Government to Address Various Rental Housing Challenges



*Apartment & Condominium Management
Legal, Regulatory & Risk Management*

Ontario's new P.C. government is now firmly in place, and FRPO has had the opportunity to meet with the new provincial Minister of Housing to discuss the rental housing affordability crisis and other key issues facing our industry. This session will outline FRPO's current advocacy efforts, and our discussions with the new government covering topics of the housing affordability crisis; rent-control moderation; tenant rent strikes; the future for multi-res housing supply—stimulating growth; streamlining approvals; energy costs - the elimination of cap & trade, etc.

Tony Irwin, President and CEO,
Federation of Rental-Housing Providers of Ontario

TS109 - Keeping It Fresh: Administrative Controls for Better Indoor Air Quality

Sustainable Design, Environment & High-Performance Buildings

There is a knowledge gap when it comes to implementing administrative controls and proactive indoor air quality (IAQ) monitoring programs. These controls/programs help maintain tenant satisfaction, assess a building's performance, improve the comfort of the building and address issues before they become a complaint. This presentation will provide practical advice on how to develop administrative controls for IAQ. Attendees will gain insight into factors that influence indoor air quality (IAQ), common activities and tenant business types that can cause additional IAQ concerns, what administrative controls and preventive measures can be implemented, advantages and disadvantages of different air quality monitoring solutions, and the application of IAQ legislation and standards.

Olga Shuvalova, Marketing Coordinator,
T. Harris Environmental Management

Richard Quenneville, Senior Director - Corporate Services,
T. Harris Environmental Management

TS134 - Vapour Permeable vs Vapour Impermeable Air and Water Barriers: Making the Right Selection

Building Envelope Solutions

When selecting a product, decisions need to be made between pre-applied, or installed on site, air and vapour control as separate functions or combined in one product, vapour permeable, vapour impermeable, thick or thin film fluid applied membranes, self-adhered or mechanically attached sheets. Learn how the right choices result in a proper installation including the parameters of the selection process, the relevant codes and standards; wall design, details and system selection, the pros and cons of various options and site issues; what is right, what has gone wrong, how to remedy to stay on-schedule and on budget.

Christopher Armour, Technical Services Representative,
Henry Company Canada

Michael Hooper, Building Science Representative, Henry Company Canada

Peter Saunders, Director, Building Science & Technical Services,
Henry Company Canada

TS135 - Leaner, Greener, Larger, Lighter: Thin Tile Systems and the Building Envelope

Building Envelope Solutions

Thin porcelain tiles are light products whose production requires less materials and energy. These features make it an ideal choice for "durable" construction projects; floors, walls and facades. Advances in technology have made possible tiles that are bigger than ever and the method of installation of thin porcelain tiles differs from that of standard tiles to prevent breakage during and after installation. This discussion will cover thin body porcelain tile, manufacturing techniques to reduce and recycle materials, benefits and use of thin body tile, lightweight mortar technology, thixotropic properties, non-sag, non-slip, thin body tile and lightweight mortar technology and installation techniques to install large format thin tiles on walls.

Pierre Hebert, Manager of Technical Services, MAPEI

TS204 - Best Practices in Developing Challenging Brownfield and Industrial Sites

*Optimizing Building Performance & Enhancing Net Asset Value
Project Design, Planning, Delivery, Management & Best Practices*

Currently there is an ever-shrinking supply of quality sites to build on throughout the GTA. With new legislation coming on excess soil management, coupled with a scarcity of developments sites, innovation as it relates to problem soil sites has never been a more important subject. The majority of low quality brownfield and industrial sites that have unfavourable soil conditions are slated for redevelopment in today's ongoing building spree. There are a range of ground improvement techniques and approaches available that can help to mitigate both the financial and timeline risks that these problem sites pose. Topics covered include due diligence for challenging soil sites, managing geotechnical risk and avoiding over-excavation and excess soils.

Mark Tigchelaar, President, GeoSolv Design/Build

TS205 - The Experience Index: Why Linking Innovation and Experience Matters

Smart Buildings, Technologies & Innovations

In our world of ultra-convenient technology, how do we bring people together to drive innovation? With compelling and meaningful experiences in well-designed spaces. The Gensler Experience Index seeks to uncover the universal drivers of great experiences by providing quantifiable connections between innovation, design and positive business outcomes. The presentation starts with the research methodology, then explores the framework to better understand experience in the public, retail and office realms and ends with the design factors that influence how people experience spaces.

Annie Bergeron, Design Director, Gensler

TN155 - Innovative Mixed-Use Accelerated Parking Construction

*Project Design, Planning, Delivery, Management & Best Practices
Smart Buildings, Technologies & Innovations*

Accelerated Parking Construction (APC) requires a paradigm shift in logic regarding project planning and procurement. Precast concrete has been well known for above ground parking structures and innovative design methodologies have also enabled precast concrete's use in below grade parking facilities. Mixed-use projects require integration of multiple use spaces, which often have conflicting design requirements such as a parking facility (unconditioned space) with a residential facility (quiet space), or with retail. APC does this by incorporating modular and prefab construction methods for design and construction of permanent and/or moveable facilities – a comprehensive turnkey project delivery method which saves significant time and money over traditional site-built methods. This presentation will highlight many recent (APC) projects for mixed-use parking structures and the technology that was used in their construction.

Brian Hall, Managing Director, Sustainability and Business Development,
Canadian Precast Prestressed Concrete Institute

Jason Stubbe, Sales Manager, Stubbe's Precast

TN604 - The Next Generation Kitchens & Bathrooms: Insights to Future Trends

Project Design, Planning, Delivery, Management & Best Practices

Kitchen and bath trends are constantly changing along with consumer preferences. Designers, architects, installers, contractors, property managers and owners are constantly challenged with the demands for upgraded materials and new designs. What are some of the new trends for the coming year? And what are some of the challenges of installation to ensure waterproof environments, functionality and style that will endure the test of time?

Ryan Fasan, Creative Development, Bellavita Tile

Dale Kempster, Director of the International Technical Network, North America, Schluter Systems (Canada)

2:30 pm - 4 pm

AS105 - Retail Real Estate 2019: The Professional Consumer



Apartment & Condominium Management

This presentation will focus on the changing market demographics and habits of today's professional consumer. From health habits to closing of major retailer store locations, learn how changes in the retail landscape will affect landlords.

Fabio Fiumana, Broker, McCor Realities (Ontario)

TS110 - Zero Carbon: The Buildings of the Future

Sustainable Design, Environment & High-Performance Buildings

The Canada Green Building Council has recently launched the Zero Carbon Building Program to shift the focus on energy efficiency in buildings to a discussion that includes carbon as the key metric of performance. The Pan Canadian Framework on climate change includes emissions reductions targets for Canada, and buildings play an important role. We will discuss the difference between Net-Zero Energy and Net-Zero Carbon buildings, emissions associated with different fossil fuels, and differences in emissions from electricity in provinces across Canada, the metrics for energy efficiency, thermal energy demand intensity, and peak demand as well as how buildings can help meet the emissions reduction goals of the Pan Canadian Framework on clean growth and climate change.

Fin MacDonald, Manager, Zero Carbon Building Program, Canada Green Building Council (CaGBC)

TS113 - Hamilton Rising: Vision for the Future

Project Design, Planning, Delivery, Management & Best Practices

The City of Hamilton is in the midst of a major transformation. Hamilton has grown beyond its former days as a steel town into one of Canada's most diversified economies. This session will address the economic sectors that Hamilton is rapidly expanding into, and what that means for developers and users of commercial properties interested in leveraging this growth strategy. It will also address how the municipality and its institutions are acting as a catalyst to spur, and also partner in, major land re-development plays that seek to position Hamilton as a preferred location within the Greater Golden Horseshoe for people to live, work, learn, and play.

Philbert Kim, Sr. Consultant, West Harbour Disposition Strategy, City of Hamilton

Norm Schleeahn, Manager, Business Development, City of Hamilton

TS136 - General Approach to Conservation Issues Dealing with Heritage Sites

Building Envelope Solutions

Optimizing Building Performance & Enhancing Net Asset Value

This session will discuss the approach to developments which include or are adjacent to heritage buildings or sites. The speaker will discuss the policy framework for heritage legislation, including provincial policies outside of the Ontario Heritage Act and municipal plans that may include heritage policies - and their impact on potential building design. Documents needed for heritage approvals will be illustrated including impact assessments, conservation plans and interpretive plans. The implications of various types of historic construction and the potential for integration with new construction will be examined. The complexity of heritage practice combined with heritage building science required for successful restoration or rehabilitation will be discussed. The speaker will use case studies of past projects to identify key technical and practical aspects of the work from initial project planning to completion. Projects will include a variety of building types with emphasis on large development projects in the Toronto area.

Christopher Borgal, Principal, Goldsmith Borgal & Company Ltd. Architects

TS137 - High Rise Window Replacement: Maintaining the Vision From Start to Finish

Building Envelope Solutions

There are several reasons why it might be time to replace those old high rise windows or window wall, such as broken and worn parts that are difficult to find, and poor thermal and air tightness that affects overall energy performance and occupancy comfort. There are many buildings that are now approaching an age where window system replacement should be considered. This presentation will include examples of when replacement should be considered, technical challenges for window and window wall replacement, thermal simulation to identify reductions in heating and cooling requirements, the logistics of high-rise window replacement, and how to minimize the intrusion on occupants.

Peter Adams, Senior Building Envelope Engineer, Morrison Hershfield

Steve Murray, Director, Building Science, Morrison Hershfield

TS138 - New and Innovative Waterproofing Solutions and Applications

Building Envelope Solutions

Smart Buildings, Technologies & Innovations

The waterproofing industry is constantly changing, with new and innovative products and/or application procedures to meet the demands of the marketplace and the project. Three case studies will be presented to highlight innovative waterproofing solutions and/or best practice waterproofing applications for three projects in the Ontario; one building envelope project, one parking structure and one exterior waterproofing project. Content will be of interest to those that manage or deal with waterproofing of new and/or existing buildings.

Marla Cosburn, President, DRE Industries

Bill Mackay, President, Macdero Construction (Ontario) Ltd.

Duncan Rowe, Associate, Building Science and Restoration, Read Jones Christoffersen Ltd.

Peter Sotirakos, Technical Sales Representative, Tremco Canada

Concrete Canoe Innovation Showcase North Building

From the prototypes to final outcomes, explore the Concrete Canoe Innovation Showcase created by the civil engineering teams from Ryerson University and the University of Toronto.

TS206 - The Well & Enwave: A Story of Partnership, Innovation and Community Building

*Project Design, Planning, Delivery, Management & Best Practices
Smart Buildings, Technologies & Innovations*

Allied Properties REIT, RioCan REIT and Enwave Energy Corporation are teaming up to build a mixed-use residential, commercial and retail development with uniquely designed energy systems to deliver reliability, resiliency and future proofing benefits. The panel will discuss the construction of thermal energy storage systems; the optimization of energy sharing, the use of off peak energy sources for “charging thermal batteries”, and the move towards decentralization of energy as part of long-term city planning for energy reliability and security in Toronto. We will discuss the thermal energy system concept and design parameters of the project, will describe the benefits of a decentralized, resilient, flexible and future-looking planned energy system and will approach new construction projects/existing building retrofits with a broader vision.

Hugh Clark, Vice President, Development, Allied Properties REIT

Carlyle Coutinho, President and Chief Operating Officer, Enwave Energy Corporation

Andrew Duncan, Senior Vice President, Planning & Development, RioCan REIT

Julia St Michael, Director, Sustainability Engagement, Enwave Energy Corporation

TS207 - Making the Business Case: Innovative Options to Extend the Life of Aging Apartment Towers

*Optimizing Building Performance & Enhancing Net Asset Value
Smart Buildings, Technologies & Innovations*

Toronto is home to 1,200 older apartment towers – the back bone of the city’s rental housing stock. These buildings are 30 - 50+ years old with mechanical systems that require regular investment to maintain. This session will demonstrate how building owners can leverage investment opportunities to explore innovative technologies that will improve efficiency and resiliency while resulting in long term cost savings and increasing return on investment. Join the panellists to learn more about the business case for innovative building systems, new building technology options and where to get started on an advanced building retrofit. This panel will investigate specific business cases from building owners to support innovative projects that they have completed.

Aderonke Akande, Manager, Tower and Neighbourhood Revitalization, City of Toronto

Tom Bukacek, Energy Manager, CAPREIT

Mike Mulqueen, Lead - CDM Business Development (Multi-Unit Residential), Toronto Hydro-Electric System Limited

Bryan Purcell, Program Manager, The Atmospheric Fund

George Valaitis, Property Manager, Lithuanian Senior Citizens Apartment Vilnius Manor

TS208 - Healthy Systems, Healthy People

Sustainable Design, Environment & High-Performance Buildings

Does today’s workplace provide the optimal environment for humans to thrive and do their best work? This presentation will explore findings from Gensler’s Workplace Research on the topic of Wellbeing in the Workplace. We will then look beyond typical physical design solutions and policies to explore how we can redefine the future of Workplace and create access to holistic wellbeing to promote peak human performance. Experts will outline how companies successfully implemented these principles in their environments then discuss the Guiding Principles and Sustainability Concepts needed to create impactful, fulfilling and innovative work environments that prioritize humans.

Kevin Katigbak, Senior Workplace Strategist, Gensler

TS209 - Reinventing the Budgeting Process: Building a Successful Multi-Year Capital Plan

Optimizing Building Performance & Enhancing Net Asset Value

Across all sectors of the facility asset management industry we have consistently heard organizations displeasure with their budgeting process. Staff members typically dread the process. Organizations recognize that they are missing opportunities to maximize their limited capital dollars. Despite these openly discussed concerns, most often the process continues each year. We will introduce a different approach, the Multi-Year Capital Plan, that we have developed that has improved overall capital investment decisions, while reducing the burden and stress on the team members involved. The audience will be exposed to a real-world process that has been used by numerous organizations to improve their short and long-term capital reinvestment in their asset portfolio.

Tim Robins, President, L.I.F.T. Management Solutions

Bill Roth, Managing Partner, Roth Integrated Asset Management Strategies

TN156 - Decarbonizing the Built Environment: Materials, Lifecycle Assessment and the Path Forward

Sustainable Design, Environment & High-Performance Buildings

Building professionals are increasingly on the frontlines of reducing emissions from our buildings and infrastructure. Decisions made today about materials and design will have a lasting impact on both the natural and built environments, so getting the facts right is essential. This session explores the role of materials in reducing GHGs through the lens of groundbreaking new work on lifecycle assessment challenging many existing notions and touches on how LCA approaches to environment, disaster risk and costs are driving material innovation in the concrete industry.

Adam Auer, Vice President, Environment & Sustainability, Cement Association of Canada

Seton Stiebert, Associate, The International Institute for Sustainable Development (IISD)

November 28, 2018 • 8 am - 10 am
International Architectural Roundtable

**Architectural Design:
Shaping the Imagination**

What is the future of architectural design? What are the guiding principles that are shifting design-thinking? How is leading-edge scientific research influencing the built world? Architects are pushing the boundaries of functionality, energy-efficiency and technology—but how do these advancements translate into meaningful architecture? Leading international architects will discuss the inspiration and influences for their latest projects.

constructconnect CANADIAN ARCHITECT OMA Ontario Association of Architects

EDA EPAL Windows & Doors

PM EXPO EXHIBITORS AS OF OCT. 1

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Altro Canada

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AQE Indoor
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Armour Restoration

Armstrong Fluid
Technology

ASI Group Canada -
Architectural School
Products

Atlas-Apex Roofing

Award Magazine

Big Ass Fans

BINPAK Compactors

BOMA Toronto

BRK Canada/ First Alert

Build Max General
Contracting

Bulldog Fire and
Security

Butler Recycling
Services and Equipment

Campbell & Kennedy
Electric (1996)

Candroid Robotics
Corporation

Can-Sky Roofing &
Sheet Metal

Captivate

Carmichael Engineering

Chargerent

Chem-Aqua Canada

Chubb Edwards

CIMCO Refrigeration

City of Toronto, Tower
Renewal Program

Claridge Products

Cohen & Master Tree
and Shrub Services

Coinamatic Canada

Coldwell Banker Real
Estate Management
Leaders

Condominium Living
Management

Convenience Group

Cooling Tower
Maintenance

Corning Optical
Communications LLC

CPL Technologies

Crawford Compliance

DBS

Delta Elevator

Delta Roofing

Demtroys Technology

Direct Expansion Solutions

Diresco

Dominion Doors &
Windows

DSG Restoration
Services

Dyson Canada

ECO Insulating Glass

ECO-INSULATED Panel
Manufacturing

Ecovena

Eddy Business Solutions

Emergency Response
Portal (ERP)

Enbridge Gas Distribution

Enercare

Energy Network
Services

Envira-North Systems
Limited

EnviroWix / RTS
Companies

EzoBord

Facility Plus

FDL Factory Direct
Lighting

Federal Wireless
Communications

Federation of Rental- Housing Providers of Ontario

FERRO Environmental

Fibertec Window & Door

Fire Monitoring of
Canada / Bulldog Fire +
Security

FLIR Systems

Fluid Sense International

Fluke

Forbo Flooring Systems

Forms+Surfaces

FORSMITH Building
Science Consultants

Foshan T&F Building
Materials

Fresh and Clean /
DRYIT.ca

Frost Products

Fuzhou Andawu
Ceramics

G7HVAC

Globe LED Lighting

GMCC / JMCC

GME Canada

Goodbye Graffiti

Gorilla Property Services

Great Northern
Insulation & Barrier
Sciences Group

Gym-Con

H & S Building Supplies

Hangzhou Prostar
Enterprises

Hangzhou Zoinen
Sealing Technology

HD Supply Facilities
Maintenance

Hi-Lon Glass Services

HK Contracting

HomePro Pest Control

Honest Buildings

HTS

Icom Canada

IRC Building Sciences
Group

Johnson Controls - York
VRF

Johnsonite/Tarkett and
Tandus Centiva/Tarkett

Joint Electrical
Promotion Plan (ECAO)

K3D Building
Automation

Keycafe

Kinesik Engineered
Products

Legend Power Systems

Liaoning Shangpin Non-
Woven

Lincoln Construction
Group

LIV North

Lumenix

M C Mechanical
Services

Mac 1 Industries

Magnus Chemicals

Mann Engineering

Maple Armor Fire Safety
Devices

MeadowBrook
Construction

MediaEdge RemiNetwork

Mega Maintenance

Melrose Paving

Merik Canada

Metro Compactor
Service

Metrosphere LED
Lighting

MFS Supply

Miller Waste Solutions /
Miller Waste Systems

MJ Building Envelope
Solutions

Mobile Business
Communications

MOEN

Molok North America

Nedlaw Living Walls &
Nedlaw Roofing

NEX Industrial Supplies

Northern
Communications

NRG Equipment

Nusite Contractors

Nutech Fire Prevention

Parcel Pending

Parsons Precast

Peak Sales & Marketing

Peerless Contract /
Beaulieu Canada

Pinchin

Pinnacle Group

Pipe Shield

PL Energy Services

Plan Group

Plankraft Construction
Group

PLS Insoles

Poly-Mor Canada

Pop-A-Lock Security
Professionals

**Prime Property
Management Group**
Prime Railings and
Fabricating

PrimeTech Building
Services

Priority Submetering Solutions

Proteck Roofing and
Sheet Metal

Provice Professional
Revitalization Services

Qea Tech

QMC Submetering
Solutions

Quantum Electric

Quanzhou Lans
Ceramic Products

Real Estate Institute of Canada

RealPage

RecycleSmart Solutions

Reliable Controls

Reliance Home Comfort

RentMoola

Revill Group

Riello North America

Rikos

Riskcheck /
ContractorCheck

Rismat (FloorGuard)
Matting Systems

Rose Paving

Rosenberg Fans
Canada

Rothsay, a division of
Darling International

RYCOM

Safetech Environmental

Safety Express -
AramSCO

Safety Media

Sanbec

SaniGLAZE

Schluter - Systems

Seneca College

SensorSuite

Shandong Rogge Wood
Industry

Shenzhen Helian
Electronics

Sherwin Williams Paint

Sietra Electrical
Appliance Changzhou

Smartpixel.tv

Smith and Long

Solucore Elevator
Solutions

Sparkle Solutions

St. John Ambulance

Stadia Industries

Standard Products

Steam Sauna

Stinson Owl-Lite

Stoakley-Stewart
Consultants

Sutera Canada

T. Harris Environmental
Management

Tarkett

Terminix Canada

The Marble Clinic

The Mat Company

The Sapling Company

TNR Industrial Doors

TORLYS

Toronto Hydro

Toronto Hydro - Suite
Metering

Toyota Tsusho Canada

Triumph Roofing

True Traction

Trust 1 Security

U-Pak Disposals (1989)

Urban Garden

Viessmann
Manufacturing

Vipond Fire Protection

Vista Security

Vital Safety Services

WalterFedy

Waste Solutions Canada

Water Matrix

Water Proof Masters &
Associates

Wilcox Door Service

Winmar Property
Restoration Specialists

Wisdom Stone

Wonderful-Wall New
Materials

Wyse Meter Solutions

Xiamen Enjoy Trading

XL Flooring

XNYNTH Manufacturing

Yardi Canada

Yuhu

THE BUILDINGS SHOW EXHIBITORS OF INTEREST PARTIAL LIST AS OF OCT. 1

3M Canada	Ceragres Tiles Group	(FCA) Canada	Kryton International	NUEWAL	Shenzhen Fahold Electronic
A1 Counting Solutions	Chemcrest	FilcoTen & Gatic by Hydro BG	LATICRETE CANADA	OMX	Sika Canada
AccuCrete	Chetu	Flexmaster Canada	Legalett Canada	Ontario General Contractors Association	Silaco Natural Stones LDA
ACO Canada	China Machinery Engineering Suzhou	FLO	LiUNA Local 506 Training Centre	Ortech Industries	Simpson Strong-Tie
AcoustiGuard	Chuang Ming Electrical Lighting Factory	Form and Build Supply	LiveRoof	PermaTint	Skywin-Fakro
ADEX Systems	Columbia Skylights	Fox Blocks	Longboard a Division of Mayne	Plasti-Fab	SmartUse
Agway Metals	Concrete Ontario	FT Synthetics	LP Building Products	Ply Gem Canada/Mitten by Ply Gem	Soleno
Akrobond Building Solutions / Isomat S.A.	Consavvy.com	Gentek Building Products	Magic-Pak	Polyform	SolidCAD - A Cansel Company
Ambex Concrete Technologies	Construction Solutions	Ginkgo Sustainability	MAGICPLAN	Preciz AL Energy	Soprema
American Express	Countrytowne Metal Roofing	Goldwell Restoration	maibec	Quickstyle	Southbrook Cabinetry
Amvic Building System	CRCA/OIRCA	GranQuartz Canada	Mannington Commercial	R & D Energy Savers	Spar Marathon Roofing Supplies
ARDEX Canada	CRL-U.S. Aluminum	Greco Construction	MAPEI	Radius Security	SPI Health & Safety
ARKTEK 3D RENDERING	Custom Building Products	GreenBlue Urban	McIntosh Perry	Radon Environmental Management	Stanpro Lighting
Artech Interior Specialties	D.I. Roof Sealers	GreenFrog Construction	M-D PRO	Ram Board	Stonhard
Artistic Skylight	DaVinci Roofscapes	Groundwater Environmental Management Services (GEMS)	Mechanical Contractors Association of Toronto	RCI Ontario Chapter	Structure Fusion
Astley Gilbert	DawnRay	Henry Company	Mercedes-Benz Toronto Retail Group Vans	Rheinzink America	Stubbe's Precast
Axis Lighting	DeepRoot Canada	Horizon Occupational Health Solutions	Microsoft Canada	Rhino Carbon Fiber	Summit/ Protect
Azure City Building Solutions	Devisubox	IKO	Modu-Loc Fence Rentals	Rhinotek Entrance Solutions	Superior Walls
BAYO.S Ground Screws	Diamant Boart	Imige Lighting Electric	Morbi Ceramics Associations	Richelieu Hardware	Techno Metal Post
Bellavita Tile	Distinctive	Infrastructure Health & Safety Association	MPI MATCO Adhesive Solutions	Riviera Stones	The Drafting Clinic Canada
Black and White Roofing	DMX Membranes	IPS - International Power System	Mr. Radon	Rockfon Acoustical Ceilings	The Fence People
Blastrac Diamatic Canada	Dor-Control Craftsmen	Iron Eagle Industries	MSL	Rockwool	The TRH Group
Building Products of Canada	Dot Lighting	IRONguard Safety Products, a brand of Ideal Warehouse Innovations	Multivista Construction Documentation	Roll-A-Shade	Therm-O-Comfort
BusyBusy GPS Mobile Time Tracking	DRicores Products	Isolofoam Group	Nana Wall Systems	Royal Building Products	Toolbx
Buzon Canada	DTS Lighting	Jiangxi Avonflow HVAC Tech	NANOBOND Technologies	ROYER	Toronto Construction Association
Camero/Ruscana	Dulux Paints	Jonas Construction Software	Nanophyll	RPM Rollformed Metal Products (HSD)	Tremco Canada
Canada Green Building Council	DuPont Performance Building Solutions	Kanata Caulking & Weatherproofing	Nawkaw	Safeguard Technology	UL
Canadian Consulting Engineer Magazine	DuROCK Alfacing International	Karva Canada	NBL - Stone	Safety Express	Unilock
Canadian Contractor/HPAC / On-Site Magazines	Euro-Last Roofing	KDF Unideco	Neogard Construction Coatings	SAFTI FIRST Fire Rated Glazing Solutions	United Association Local 46 Training Department
Canadian Precast/Prestressed Concrete Institute (CPCI)	EFI Concepts	Kelso Coatings	Neolith	Sagiper North America	Uponor
Canadian Solar Industries Association	Elastizell Canada	Kemper System Canada	NEUE Floors :: Wide-Plank Wood	Saito Systems	US Formliner
CANAM-BUILDINGS	Electrical Business/ HPAC / Energy Manager	Kiesel Bauchemie	Next Level Stormwater Management	Sarina Tekstil Insaat Ticaret	Ventilation Maximum
Canarm	Emerg-Lite	King Packaged Materials	Niagara Protective Coatings	Savaria Elevator & Lifts	Verizon Connect
Can-Cell Industries	ETG Exterior Technologies Group	KOSTER American	Northern Stainless & Rail	Secure Container Solutions	Vicwest Building Products
Castle Access Panels & Forms	Euclid Canada		Northstar	Select Stone Supply	Viega
	Exova Canada		N-Two Cryogenic	Selectone Paints	VIG Technologies
	Faber Tile and Stone			Sentry Building Innovations	Viking Fire Protection
	Federal Elevator			SH KOREA - Heating Film & Heating Cable	Waste Management of Canada
	FIAT Chrysler Automobiles				Woodtone

International B2B Matchmaking Program

SS104 • Wed. Nov. 28 - Thurs. Nov. 29
\$105 in advance/\$115 after Nov. 9

The International B2B Matchmaking Program will help you expand your business by giving you the tools and insights to grow your business. The program will include pre-arranged B2B meetings with program participants, access to seminars in the International Trade & Business Development stream along with a Networking Luncheon and Cocktail Reception on Wednesday, November 28.

Supported by



Canada's National Housing Strategy (NHS): Leading to a New Generation of Sustainable and Accessible Housing

SS108 • Wed. Nov. 28 • 8 am - 12 pm

\$105 in advance/\$115 after Nov. 9 • North Building

The National Housing Strategy is a 10-year, \$40-billion plan that will give more Canadians a place to call home. It promotes diverse communities and is creating a new generation of housing that is sustainable, accessible, mixed-income, mixed-use and fully integrated into the community – close to transit, close to work, and close to public services. Learn how you can be part of delivering on this vision – through financial incentives, research-based insights and advice from experts who have implemented sustainable and accessible housing.



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