



Nov 28 - 30, 2018
Metro Toronto Convention Centre

Attendee Planner

thebuildingsshow.com

Supported by



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
- Procore Tech Pavilion
- Rogers Virtual Reality
- Rymar Golf Lounge
- RYCOM Smart Tech Pavilion
- Safetech Environmental Lounge

Featured Exhibits New to the Show

- ARDEX Canada
- Best Access Doors
- Buildings Connected
- Colico
- Convoy Supply
- IRONGuard Safety Products
- Kingspan Insulated Panels
- Quickstyle
- Rope + Cable Canada
- Skudo
- VIG Technologies

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

ECC Industry Reception (EIFS Council)

Thurs. Nov. 29 • 5:30 pm - 8:30 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

SHOW FLOOR DEMONSTRATIONS

South Showcase

Interior and Exterior Systems at its Best

Wed. Nov. 28 – Fri. Nov. 30 • South Building • Booth 1022

Showcasing current trends and materials in the four interior and exterior trades; Drywall Acoustic Mechanic and Lather, Drywall Finisher and Plasterer, Hazardous Material Worker and Exterior Insulating Finishing Systems Mechanic.



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



Any Questions?

Visit thebuildingsshow.com

Call (416) 512-0203

#TheBuildingsShow



Carpenters in Action

The skills needed to be successful in construction vary from how to measure and install wood product, to incorporating green construction technology and techniques to using new materials and processes.

Presented by



Flooring Installation on Projects Big and Small

Wed. Nov. 28 • 10 am - 1 pm • North Building

Trim, Siding and Finishing

Wed. Nov. 28 • 1 pm - 5 pm • North Building

Flooring 101

Thurs. Nov. 29 • 10 am - 1 pm • North Building

Roofing in the 21st Century

Thurs. Nov. 29 • 1 pm - 3 pm • North Building

Flooring Installations on Projects Big and Small

Thurs. Nov. 29 • 3 pm - 5 pm • North Building

Putting it Together

Fri. Nov. 30 • 9 am - 1 pm • North Building



Your Partner in Learning



Carpenters in Action: Innovations in Formwork and Scaffolding

Materials and building systems used on job sites big and small have come a long way. Learn about some of the newest products and techniques related to formwork and scaffolding and how these products can contribute to completing projects on time and on budget at World of Concrete Toronto Pavilion.

Presented by



Product Innovation in Formwork

Wed. Nov. 28 • 10 am - 1 pm • North Building

Scaffolding in the 21st Century

Wed. Nov. 28 • 1 pm - 3 pm • North Building

Increasing Productivity on the Job Site

Wed. Nov. 28 • 3 pm - 5 pm • North Building

Product Innovation in Formwork

Thurs. Nov. 29 • 10 am - 1 pm • North Building

Scaffolding in the 21st Century

Thurs. Nov. 29 • 1 pm - 3 pm • North Building

Increasing Worker Safety and Productivity Through Product Innovation

Thurs. Nov. 29 • 3 pm - 5 pm • North Building

Benefits of Incorporating New Systems and Materials on Job Sites

Fri. Nov. 30 • 9 am - 1 pm • North 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!

Recommended Roundtables, Summits & Keynotes

International Architectural Roundtable

Architectural Design: Shaping the Imagination

SS101 • Wed. Nov. 28 • 8 am - 10 am

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

What is the future of architectural design? What are the guiding principles that are shifting design-thinking? Join leading international architects as they discuss the inspiration and influences of their latest projects.



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.



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.



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?



Innovative Showcases

Procore Tech Pavilion

Wed. Nov. 28 - Fri. Nov. 30 • South Building • Booths 201 & 202

Construction firms around the world are seeking and deploying solutions that increase project efficiency and accountability by streamlining communications, documentation and leveraging technology to minimize risks and delays while boosting profits. Procore Technologies along with their construction technology partners would like you to join them at the Procore Tech Pavilion to share and showcase these leading edge and innovative construction technology solutions, ranging from project management to field productivity, through finance to safety, as they apply practically to your construction operations from project conception to close out.



Rogers Virtual Reality

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

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



RYCOM Smart Tech Pavilion

Wed. Nov. 28 - Fri. Nov. 30 • South Building • Booth 2013

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 Décor Live

Wed. Nov. 28 - Fri. Nov. 30 • North Building • Booth 5232

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 Canoe Innovation Showcase

Wed. Nov. 28 - Fri. Nov. 30 • 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.



Networking Lounges

Safetech Environmental Lounge

Wed. Nov. 28 - Fri. Nov. 30 • South Building, Booth 1538

Network in style and comfort in the Safetech Environmental Networking Lounge. Charge your phone, have a drink and meet your clients in a relaxed setting!



Rymar Golf Lounge

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

Experience the Rymar Golf Lounge where the team will be hosting a daily Closest to the Pin challenge for exciting prizes valued at \$1,500. The Lounge will also have a custom putting green to practice your short game. All proceeds will go to the Red Door Shelter.



Chargeant Power Up Stations

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

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 & T: 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.

*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
Building Envelope Solutions	International Trade & Business Development	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)	10
8:00 am - 10:00 am										
				•	•			SS101	International Architectural Roundtable Architectural Design: Shaping the Imagination	10
8:00 am - 12:00 pm										
				•	•		•	SN108	Canada's National Housing Strategy (NHS): Leading to a New Generation of Sustainable and Accessible Housing (CMHC)	10
9:00 am - 11:00 am										
				•	•			PS101	Managing Multiple Priorities, Projects and Deadlines	10
9:00 am - 12:00 pm										
				•	•			PS105	Project Management: Power of the Plan	10
		•						SS102	Construction Law Update: The Latest Cases Affecting Your Projects	10
9:00 am - 10:00 am										
					•			WS100	Flooring Safety by Design for Commercial Environments	11
						•	•	WS101	Toronto Green Standard v3: The Next Generation of Building Energy and Carbon Performance	11
		•			•			WS102	Barrier-Free Design Booster: Advancing Accessible Design in Canada	11
•								WS130	Understanding Building Envelope Failures	11
•							•	WS131	Balcony Enclosures for Enhanced Durability, Comfort and Energy Efficiency	11
		•					•	WS200	Decoding the Codes: Demystifying the Changing Energy Codes	11
						•		WS300	Real Estate and Construction Tech Poised for Disruption	11
	•	•						WS400	Construction Market Outlook: Uncertainty Prevails in a Global Market	12
					•		•	WN150	Design and Construction Check List for Permeable Interlocking Concrete Pavement	12
					•		•	WN151	North Bay Courthouse Seismic Retrofit with Precast Concrete Shear Walls	12
						•		WN510	Spray Foam Your Residential Retrofit (BASF/Walltite)	12
		•			•			WN600	New Installation Handbook for the Canadian Tile & Stone Industry	12
10:30 am - 12:00 pm										
			•		•	•		WS103	The Digital Transformation of Canada's Built Environment	12
		•						WS104	Proposed Code Changes for Encapsulated Mass Timber Construction	12
					•		•	WS105	Lakeview Village: Update on Mississauga's Sustainable Waterfront Re-Development	12
•								WS132	Re-thinking Building Exteriors: Revitalization versus Replacement	13
•								WS133	Exceeding Building Code Thermal Performance with Precast Concrete	13
							•	WS204	The Science of the High Performing Workplace	14
					•	•		WS302	Point Layout + Robotic Total Station = Match Made in the Field	14
						•		WS303	The Building Blocks of a Smart Building: Getting Smart and Connected from the Ground Up	14
	•	•						WS401	Exporting to Global Markets Beyond the USA	14
					•		•	WN152	The ABC's of Modular and Prefabricated Construction	15
					•			WN153	The Critical Steps to Ensuring Durable Exterior Concrete Flatwork	15
					•	•		WN511	Why "Total Precast" Should Be Your Next Build System (Stubbe's Precast)	15
				•				WN602	Stone Roundtable: Today's Stone Innovations	15

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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Code	Session Title	Page
1:00 pm - 3:00 pm		
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PS106	Project Management: Leading on Purpose - The Art of Facilitative Leadership	15
1:00 pm - 2:00 pm		
WS106	Open BIM and its Future Transformation	15
WS107	Climate Change and Influence on the Next Building Code Revision	16
WS108	How to Succeed in Adjudication Under The Construction Act	16
WS109	Acoustics: Principals and Solutions to Avoid Tenant Complaints	16
WS134	Curtain Wall Failures, Follies, and Fixes	16
WS135	Whole Building Airtightness Testing of Industrial, Commercial, and Institutional Buildings	16
WS136	Improving Energy Efficiency Through the Design of the Building Envelope	16
WS305	Construction Estimating Software: What's Right for You?	16
WS402	Navigating the Border: Your Guide to U.S. Canadian Immigration	16
WN154	Parking Garage Restoration Case Studies: Repair, Renewal and Restoration	17
WN155	Dazzling Array of Architectural Treatments Using Formliners and Stains	17
WN604	Stone Cladding Technologies: Getting it Right the First Time	17
2:30 pm - 4:00 pm		
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WS111	Better Buildings Can Be Better for the Environment, Organizations, and Employees	17
WS112	Mount Dennis Childcare: The City of Toronto's First Net Zero Facility	17
WS113	A Guide to the Construction Act of Ontario: Modernizing the Lien Act	17
WS114	What's New in Lighting: Innovations and Trends for 2019	17
WS115	Best Practices for Estimating, Planning and Scheduling Small and Mid-Sized Projects	18
WS137	Vapour & Condensation Ingress: Best Practice Solutions for Building Envelope	18
WS138	Restoration of Aging Masonry Buildings: Best Practices for Maintenance and Rehabilitation	18
WS139	Roof Maintenance, Repair and Replacement: What You Need to Know	18
WS210	Smart Cities: The Convergence of Technology and Real Estate	18
WS403	Update on Trade Agreements: CETA, NAFTA and TPP	18

Education Sponsors



THURSDAY NOVEMBER 29

W & T: 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.

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				•		•		SS106	Ask the Experts Breakfast (BASF)	19
9:00 am - 11:00 am										
				•				PS103	Powerful Persuasion and Negotiating Techniques: The Keys to Getting What You Want	19
9:00 am - 10:00 am										
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							•	TS101	Executing on Sustainability: Lessons from the Front Line	19
•								TS130	Mould, Moisture and the Building Envelope	19
•						•		TS131	New and Innovative Products for Building Envelopes: Update on Technologies and Systems	19
	•						•	TS400	Passive House Building in Canada: Learning from Europe	20
							•	TN150	An Update on Specialty Admixtures and Technology for Higher Performance Concrete	20
•			•				•	TN151	High Performing Precast Concrete Building Enclosures	20
					•			TN600	Best Practices for Specifications and Managing Client Expectations for Hard Surface Projects	20
					•			TN601	Working with Tile: Technical Attributes of Porcelain Tile & The Latest Trends	20
10:30 am - 12:00 pm										
					•			TS102	Tender Forms and the Tendering Process: What You Need to Know	20
							•	TS104	Utilizing Solar Energy Technologies to Reduce Today's Energy Costs	20
•								TS132	EIFS: Designing for Durability, Sustainability and Code Compliance	20
•								TS133	Building Envelope Commissioning: A Maturing Marketplace Solution	21
					•			TS300	What You Need to Know about Electric Vehicle Infrastructure for New Construction	21
						•		TS301	Transforming the Construction Industry Through IoT	21
	•				•			TS401	City of Toronto: Planning for Tomorrow	21
						•		TS501	What is a SMART Jobsite? (BusyBusy)	21
•		•			•			TN152	Introduction to the New ACI 562-16 Code for Assessment, Repair and Rehabilitation of Existing Concrete Structures	21
					•			TN153	Award Winning Tilt-up Case Study: On Time, On Budget	21
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		•						TS103	Ontario Building Code Update: Three of the Most Recent Changes You Need to Know	22
							•	TS105	In Today's Market, Is LEED Still Relevant?	22
		•		•				TS106	Maintaining a Sustainable Workforce in the Canadian Construction Industry	22
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			•					TS108	Environmental Abatement and Indoor Air Quality: Update on Best Practices	22
							•	TS109	Keeping It Fresh: Administrative Controls for Better Indoor Air Quality	23
•								TS134	Vapour Permeable vs Vapour Impermeable Air and Water Barriers: Making the Right Selection	23

THURSDAY NOVEMBER 29

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Code	Session Title	Page
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•	TS135 Leaner, Greener, Larger, Lighter: Thin Tile Systems and the Building Envelope	23
	TS204 Best Practices in Developing Challenging Brownfield and Industrial Sites	23
•	TS402 Builders Without Borders: Lessons Learned from Rebuilding Communities	23
	TN154 Crystalline Concrete Waterproofing and Integral Concrete Hardening	23
	TN155 Innovative Mixed-Use Accelerated Parking Construction	23
	TN604 The Next Generation Kitchens & Bathrooms: Insights to Future Trends	24
	TN605 Creature Comforts: Heated Floors & Sound Attenuation Membranes	24
2:30 pm - 4:00 pm		
•	TS110 Zero Carbon: The Buildings of the Future	24
	TS111 Successfully Applying Lean Principles and Processes to Design and Construction	24
	TS112 Construction Close Out: Effective Strategies and Best Practices	24
	TS113 Hamilton Rising: Vision for the Future	24
•	TS136 General Approach to Conservation Issues Dealing with Heritage Sites	24
•	TS137 High Rise Window Replacement: Maintaining the Vision from Start to Finish	24
•	TS138 New and Innovative Waterproofing Solutions and Applications	25
	TS206 The Well & Enwave: A Story of Partnership, Innovation and Community Building	25
	TS302 Offsite Manufacturing and the Industrialization of Construction	25
•	TS403 How to Succeed in Latin American Markets	25
	TN156 Decarbonizing the Built Environment: Materials, Lifecycle Assessment and the Path Forward	25
	TN513 Why "Total Precast" Should Be Your Next Build System (Stubbe's Precast)	25

Register Online Before Nov. 9 to Take Advantage of the Early Registration Rate!

Visit thebuildingsshow.com for a full listing of sessions.

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 Crouwel, Founding Partner, Benthem Crouwel 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

SN108 - Canada's National Housing Strategy (NHS): Leading to a New Generation of Sustainable and Accessible Housing



Professional Skills, Strategy & Leadership
Project Design, Planning, Delivery, Management & Best Practices
Sustainable Design, Environment & High-Performance Buildings

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. The National Housing Strategy is truly a national project, built by and for Canadians. The success of our plan requires collaboration from many partners.

In this session, you'll 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.

Anthony Adrien, Affordable Housing Consultant, Affordable Housing Client Solutions, CMHC

Raouf Chehaiber, Senior Specialist, Housing Technical, CMHC

Jacob Cohen, Vice President, Project Implementation, The Daniels Corporation

Graham Cubitt, Director of Projects & Development, Indwell

Anna Kwon, Architect, Universal Design Consultant, Société Logique

Daniel Pearl, Cofounding partner, L'OEUF; Associate Professor, School of Architecture, Université de Montréal

Jamie Shipley, Knowledge Mobilization Consultant, CMHC

Bob Topping, President, DesignABLE Environments

9 am - 11 am

PS101 - Managing Multiple Priorities, Projects and Deadlines

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

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

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

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

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. The 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

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 Filippetti, Vice President, Development, Oxford Properties Group

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

WS400 - Construction Market Outlook: Uncertainty Prevails in a Global Market

*International Trade & Business Development
Legal, Regulatory & Risk Management*

There is a renewed uncertainty in the global economic market due to tariff wars which influences trade for products and services. In the US, construction activity is relatively strong and the stock market continues to boom. How long can this continue? What are the impacts of the current US administration's decisions on trade? Globally, what are the impacts of Chinese investment in Africa or Russia energy investments in Europe and China? How will rising commodity prices, inflation and global interest rate hikes influence our Canadian economy and your business? Where is the construction market heading for 2019? This session will look at the global economic and construction outlooks to help you understand the global forces that will have an impact on future construction activity in Canada.

Alex Carrick, Chief Economist, ConstructConnect

WN150 - Design and Construction Check List for Permeable Interlocking Concrete Pavement

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

This presentation covers what to check in permeable interlocking concrete pavement (PICP) construction projects. The content includes pre-construction meetings, submittals, and what to verify in excavation, soil compaction, subbase/base, and edge restraints. The program provides detailed inspection of materials and installation of bedding aggregates, concrete pavers and jointing aggregates, as well as surface infiltration testing, project closeout and site protection.

Robert Bowers, Director of Engineering,
Interlocking Concrete Pavement Institute

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

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

In 2014, a structural assessment of the North Bay Courthouse determined that the building lacked a well-defined 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 Zwol, Regional Manager, Associate,
Building Science and Restoration, Read Jones Christoffersen Ltd.

WN510 - Spray Foam Your Residential Retrofit



Smart Buildings, Technologies & Innovations

Spray polyurethane foam is a versatile insulation, air barrier and vapour barrier product that can effectively address your insulation challenges and meet your air seal needs in an existing home. Join the team from BASF as they discuss interior and exterior deep energy retrofits from attic, basement, and floor underside (bonus room) applications to exterior retrofit upgrades.

Chris Janzen, Quality Assurance and Training Program Manager,
BASF Canada

Brian Oman, Sr. Application Specialist, BASF Canada

**REGISTER AT
THEBUILDINGSSHOW.COM**

WN600 - New Installation Handbook for the Canadian Tile & Stone Industry

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

The Tile, Terrazzo, and Marble Association of Canada (TTMAC) just released the newest issue of the TTMAC Tile Installer Technical Handbook, which is the Canadian version of the National Tile Contractor Association's Reference Manual in the U.S. This seminar will explore some of the most important updates and how these will impact the Canadian market as well as will identify the key differences between U.S. and Canadian norms and methodologies, review installation challenges with the newest technologies in the tile industry and the environmental advantages of tile and how tile can contribute to LEED, WELL and Green Globes.

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

10:30 am - 12 pm

WS103 - The Digital Transformation of Canada's Built Environment

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

At the centre of the digital transformation are innovative new technologies, processes and methods that will change how the industry does business. Automation, robotics, building information modelling (BIM), prefabrication, machine learning, artificial intelligence, generative design and many other technologies are poised to disrupt business. The speakers will present how these technologies are being adopted, implemented and positioning Canadian businesses for success. Learn about new updates to the CanBIM Certification Program, a tiered certification program providing a benchmark for individuals to be certified to nationally standardized and recognized levels of BIM Competency and Process Management.

Pietro Ferrari, Professor & Program Coordinator,
School of Architectural Studies (SAS), George Brown College

Brent Mauti, Global Director of Design Technology, IBI Group

WS104 - Proposed Code Changes for Encapsulated Mass Timber Construction

Legal, Regulatory & Risk Management

The boundaries of acceptable solutions in the National Model Codes are constantly being evaluated to provide research- and technology-based solutions for the construction industry. Every five years, the Canadian Commission of Building and Fire Codes (CCBFC) undertakes the responsibility of publishing a new edition of the National Model Codes in the hopes to reduce regulatory compliance barriers and improve construction practice. The presentation will offer details and explanations of proposed changes that introduce two new building types which establish the basis for 12 storey mass timber residential and office buildings.

Sefton Hyde-Clarke, Team Lead for the Codes Canada,
National Research Council

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. CPCI'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

November 28, 2018 • 8 am - 10 am

Architectural Design: Shaping the Imagination

International Architectural Roundtable

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.



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

WS302 - Point Layout + Robotic Total Station = Match Made in the Field

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

Working with Point Layout and a robotic total station allows you to accurately and efficiently layout your construction project in the field. You can also take this workflow mobile using an iPad, BIM 360 Glue and BIM 360 Layout to review your model in and add or update points to your model directly from the field. This workflow can also be used for as-built conditions with reno projects or to simply site verify dimensions. The use of a Robotic Total Station can also provide a better QA/QC solution on your projects. This session is for those still in 2D/3D layout, those moving to BIM, as well as the BIM capable, or even the well-established BIM firms that have not yet tried this workflow with a Robotic Total Station.

Carl Storms, Solutions Consultant, IMAGINiT Technologies

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

WS401 - Exporting to Global Markets Beyond the USA

International Trade & Business Development
Legal, Regulatory & Risk Management

This highly interactive session will be about finding customers, getting purchase orders, and making money in non-US markets. No theory here, just 25 years of experience from the trenches of international sales that will give you new ideas for growing your business globally including an overview of the Trade Accelerator Program.

David Archer, President, MTP Mexico and Lead Trainer, Trade Accelerator Program

Nadja Schauer, Trade Commissioner, Regional Office of the Trade Commissioner Service, Global Affairs Canada

Chargeant Power Up Stations

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

Carpenters in Action Demonstrations

North Building

Carpenters in Action

The skills needed to be successful in construction vary from how to measure and install wood product, to incorporating green construction technology and techniques to using new materials and processes.

Flooring Installation on Projects Big and Small

Wed. Nov. 28 • 10 am - 1 pm • North Building

Trim, Siding and Finishing

Wed. Nov. 28 • 1 pm - 5 pm • North Building

Flooring 101

Thurs. Nov. 29 • 10 am - 1 pm • North Building

Roofing in the 21st Century

Thurs. Nov. 29 • 1 pm - 3 pm • North Building

Flooring Installations on Projects Big and Small

Thurs. Nov. 29 • 3 pm - 5 pm • North Building

Putting it Together

Fri. Nov. 30 • 9 am - 1 pm • North Building



Carpenters in Action: Innovations in Formwork and Scaffolding

Materials and building systems used on job sites big and small have come a long way. Learn about some of the newest products and techniques related to formwork and scaffolding and how these products can contribute to completing projects on time and on budget at World of Concrete Toronto Pavilion.

Product Innovation in Formwork

Wed. Nov. 28 • 10 am - 1 pm • North Building

Scaffolding in the 21st Century

Wed. Nov. 28 • 1 pm - 3 pm • North Building

Increasing Productivity on the Job Site

Wed. Nov. 28 • 3 pm - 5 pm • North Building

Product Innovation in Formwork

Thurs. Nov. 29 • 10 am - 1 pm • North Building

Scaffolding in the 21st Century

Thurs. Nov. 29 • 1 pm - 3 pm • North Building

Increasing Worker Safety and Productivity Through Product Innovation

Thurs. Nov. 29 • 3 pm - 5 pm • North Building

Benefits of Incorporating New Systems and Materials on Job Sites

Fri. Nov. 30 • 9 am - 1 pm • North Building



WN152 - The ABC's of Modular and Prefabricated Construction

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

In the last several years, new automation and technologies at the plant level, and new advancements in project management have enabled Accelerated Building Construction (ABC) to greatly surpass time savings up to 50% in some cases. The 'construction' part of the ABC process utilizes prefabricated sections which are manufactured off-site at a CPCQA certified facility, transported to the project and set quickly, accurately and directly into place. ABC can provide a streamlined approach where the advantages of off-site manufacturing improves quality control and saves money. The presentation will highlight the numerous projects in Ontario where ABC has been used to shorten the project timetable which is crucial in this competitive marketplace or in meeting tight deadlines to ensure occupancy.

Brian Hall, National Marketing Director,
Canadian Precast Prestressed Concrete Institute

WN153 - The Critical Steps to Ensuring Durable Exterior Concrete Flatwork

Project Design, Planning, Delivery, Management & Best Practices

Concrete remains the second most used material in the world, after only water, and performs critical roles in both infrastructure and ICI sector projects. While concrete is synonymous with "durability", achieving long-term durability in our harsh Canadian weather conditions can be a challenge. By looking at both the optimum and "less than ideal" real-life scenarios that we experience in Canada, this presentation will identify the important design, production, construction and finishing issues that must be addressed to achieve the long-term durability that owners expect from this material.

Allen Keri, Technical Services Engineer, Concrete Ontario

WN511 - Why "Total Precast" Should Be Your Next Build System

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

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

Sean Bickell, Sales Representative, Stubbe's Precast

Jason Stubbe, Sales Manager, Stubbe's Precast

WN602 - Stone Roundtable: Today's Stone Innovations

Professional Skills, Strategy & Leadership

Let's re-think the advantages of natural stone. Join industry design and stone professionals in an informative and enlightening panel discussion. This interactive session will explore the innovations in materials, manufacturing and installation. Learn how natural stone can yield a longer lasting and more beautiful result in certain applications and with various treatments. What are the attributes that natural stone provides that makes it the ideal option?

Michael Picco, President & CEO, PICCO Engineering

Moreno Ruaro, Director of Sales, Marble Trend

Erion Vata, Architect and Façade Specialist, Marble Trend

Bill Wright, Training and Education, Stone Tile International

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

WS106 - Open BIM and its Future Transformation

Professional Skills, Strategy & Leadership

Project Design, Planning, Delivery, Management & Best Practices

This session will cover the core concepts of open BIM and delve into how open BIM can potentially transform the practice of creating our built environment from both the firm and the project perspective. Learn what open BIM is and how to leverage it in your day-to-day practice. Understand how open BIM sets the path for data and workflow standardization and unpack how open BIM supports data visualization and the capture, codification and reuse of organizational knowledge. Finally, learn the next steps in the evolution of open BIM.

Claudia Cozzitorto, Vice Chair Communications,
buildingSMART Canada

Erik Poirier, Chair, Communications Committee, buildingSMART Canada

WS107 - Climate Change and Influence on the Next Building Code Revision

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

Currently, building codes rely on environmental data on climate loads derived from historical records. That data inadequately equips building designers with necessary information on what environmental loads to consider for buildings planned to last 30, 50, or 100 years. This seminar provides information on the status of future environment prediction and how designers are soon going to be required to design in adaptive capacity and/or adaptability for all building systems. Building codes and building standards are currently being changed to integrate the impact of climate change into design requirements. At this time, the predictive data is not available; but, with sufficient effort and resources, designers will have the information needed to address future loads. The 2025 National Building Code of Canada is targeted as the turning point for this design. If you are involved in any aspect of building design, novice or experienced, this seminar will be of interest to you.

Gerald Genge, President, Pretium GRG

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 analysing the impact of cladding weight and insulation thickness on cladding deflection and displacement.

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

WS305 - Construction Estimating Software: What's Right for You?

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

Have you purchased software that no one wants to use or no one can use? This seminar will focus on looking at some of the current estimating software in the construction industry and some of the "must have" programs. It will allow you to understand the advantages of having the right software for the right task and using custom software over conventional spreadsheets. It will also look at instances where spreadsheets are the best solution when customized to suit your requirements.

Howard Doucette, Chief Estimator and Civil Engineer, GTA

WS402 - Navigating the Border: Your Guide to U.S. Canadian Immigration

*International Trade & Business Development
Legal, Regulatory & Risk Management*

This presentation includes information on how to deal with the US and Canadian borders in terms of goods, services and work-related projects. It will provide solid advice and guidance that is compiled from experience with clients over the past 14 years. We like to open the floor to questions as experiences that attendees have can be used as excellent examples to spring board from. We will also touch on criminal inadmissibility and overcoming those hurdles. Attendees will walk away with a feeling of empowerment that they have learned some insider secrets and tricks on how to handle a very intimidating situation that presents itself at the border.

Jamie Fiegel, Managing Partner, Fiegel & Carr Immigration Law

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.

Greg Dolenc, Area Sales Manager, Sika Canada

Walid Habis, Principal, Momentus Engineering Management

WN155 - Dazzling Array of Architectural Treatments Using Formliners and Stains

Project Design, Planning, Delivery, Management & Best Practices

Owners and builders are enjoying significant cost savings as well as increased turnaround time, when prefabricated precast panels with architectural finishes can be supplied rather than the traditional alternatives such as masonry or cast in place concrete. Architects and designers prefer the increased flexibility, vivid opaque to translucent colours, and higher level of quality control. In many cases, budgets for these projects include a required amount for artistic impression, a requirement that can be more easily accommodated with new innovative formliner technologies and coloured stains.

Sonny Arora, Regional Sales Manager, US Formliner

Dave Ellis, General Manager, Nawkaw Corporation

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

WS110 - Social Media Analytics: What It's Telling Us About Building Design and Construction

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

Social media is not just for chat. It encompasses valuable knowledge. Using advanced network analysis techniques, we can extract indicators, ideas and profiles that can help enhance design, construction or operations of facilities. The course will showcase tools used in the domain and principals of network analysis and the use of the results in supporting work in the industry.

Tamer El-Diraby, Associate Professor, University of Toronto

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

*Optimizing Building Performance & Enhancing Net Asset Value
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

*Project Design, Planning, Delivery, Management & Best Practices
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

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.

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

Procore Tech Pavilion

Wed. Nov. 28 - Fri. Nov. 30 · South Building, Booths 201 & 202

Procore Technologies along with our construction technology partners would like you to join them at the Procore Tech Pavilion to share and showcase leading edge and innovative construction technology solutions, ranging from project management to field productivity, through finance to safety, as they apply practically to your construction operations from project conception to close out.

PROCORE

WS115 - Best Practices for Estimating, Planning and Scheduling Small and Mid-Sized Projects

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

This seminar will examine proven concepts and tools that can be used for more effective planning, scheduling, and estimating for small- and mid-sized projects. One of the key topics that will be discussed is how to apply the project management best practices that are applicable for large projects to smaller projects. The presentation will also demonstrate how to develop systematic and logical tools to assess any schedule and costs risks and uncertainties during the execution of the project.

Joel Parke, Vice President, Gillam Group

Tom Stephenson, Professor & Coordinator,
Construction Management & Trades, George Brown College

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, thereby 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 roof's life – the design stage, through the roof's 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

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 provides a discussion around smart cities.

Albert Bicol, Principal, Alberto Bicol Consulting

WS403 - Update on Trade Agreements: CETA, NAFTA and TPP

*International Trade & Business Development
Legal, Regulatory & Risk Management*

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

Rodrigo Contreras, Trade and Investment Commissioner,
Trade Commission of Mexico -Toronto

Andrée Cooligan, Director of the Free Trade Agreement Promotion Taskforce, Global Affairs Canada

Bill Macheras, Trade Commissioner and InfoCentre Manager,
Global Affairs Canada

Daniel Ujcz, Practice Group Chair, International & Regional Practices,
Dickinson Wright

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



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

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

TS100 - Designing Your PATH Through Construction in the Age of Immediacy

Project Design, Planning, Delivery, Management & Best Practices

Do you want more control over the construction phase of your work and the rolling avalanche of new construction management technology? This session will help you design a simple, sharable system to regain control of your work. A designer and builder with more than forty years of Canadian and US experience, the instructor has recast construction complexities as a 4-step methodology based on 4 universal project management principles and 3 computerized toolsets optimized for today's "age of immediacy." He has used this scalable approach on projects ranging from a simple \$5 million building to a \$2 billion airport expansion. The audience will benefit from the time savings involved in a better-integrated construction process, a better understanding on how to simplify and manage the complexity of construction and how to evaluate the many hardware/software offerings in today's marketplace in order to become more efficient & profitable.

Brian Palmquist, President, Quality-by-Design Consulting Ltd.

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.

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

Concrete Decor LIVE!

Wed. Nov. 28 - Fri. Nov. 30 • North Building, Booth 5232

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**

TS400 - Passive House Building in Canada: Learning from Europe

*International Trade & Business Development
Sustainable Design, Environment & High-Performance Buildings*

Passive House building design, incorporating rigorous standards of energy efficiencies primarily for residential properties, is increasingly becoming an area of interest in the Canadian architectural and residential construction market. Passive House has spread across Europe as the leading standard in energy efficiency. Leading architects from Europe and Canada will brief the audience on the newest standards for Passive House in Europe, leading projects in the Passive House space in Canada, and what architects, general contractors and specifiers should be looking for from sub-contractors in order to conform to passive-house standards of building.

Deborah Byrne, Director of Passive House Design Services, KMAI Architects

Gerrie Doyle, Architect, Gerrie Doyle Architects

Jonathan Kearns, Principal, KMAI Architects

Andrew Wilson, Commercial Manager, Kingspan

TN150 - An Update on Specialty Admixtures and Technology for Higher Performance Concrete

Sustainable Design, Environment & High-Performance Buildings

This session will cover the basics of concrete admixture as well as new advances in concrete admixture technology used in the production of high performance concrete mixes. Product categories discussed will include corrosion inhibiting admixtures, shrinkage reducing admixtures, self-consolidating concrete (SCC) admixtures, and macro synthetic fibers used for the replacement of steel welded wire fabric.

Brian Salazar, National Business Development Manager, Euclid Canada

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

TN600 - Best Practices for Specifications and Managing Client Expectations for Hard Surface Projects

Project Design, Planning, Delivery, Management & Best Practices

Correctly specifying the designers stone selection is equally important as the stone selection itself. This session will review how stone selection is considered from the initial sample, to the presentation with the owner and then of course, into construction. This session will look into the different ways of properly specifying stones for institutional, commercial and multi-residential projects and how to ensure that your clients expectations are conveyed to the contractor via the specifications. Learn the best practices in specifying and selecting the correct hard surface for the job, while managing client expectations to reduce dissatisfaction and call backs.

Kazim Kanani, Senior Associate, Specification Specialist, Quadrangle Architects Limited

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

TS102 - Tender Forms and the Tendering Process: What You Need to Know

Project Design, Planning, Delivery, Management & Best Practices

One of the greatest challenges in creating tender forms is maintaining a sense of fairness so that all parties can achieve their goals. This discussion will look at some of the challenges caused by unbalanced contracts and how to avoid those, one-sided supplementary conditions, as well as will look at the potential negative outcomes when a tender does contain unfair conditions and supplementary conditions that create an unbalance in the tendering system. Topics include how the use of processes such as prequalification in the upcoming prompt payment and adjudication legislation can help an owner and those bidding on the job to achieve a more favorable and fair outcome.

Howard Doucette, Chief Estimator and Civil Engineer, GTA

Clive Thurston, President, Ontario General Contractors Association

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

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

TS300 - What You Need to Know about Electric Vehicle Infrastructure for New Construction

Project Design, Planning, Delivery, Management & Best Practices

As we move forward to help meet the needs of provincial requirements and to future-proof development projects, how do we address the requirements needed to accommodate electric vehicles? This seminar will address the importance of being proactive in planning and designing an Electrical Vehicle Infrastructure for all future building types. Learn about planning and designing requirements and EV adaption, understand EV drivers' habits and discover how to move forward in the EV World which will be an integral part of your planning process for your next projects.

Brookes Shean, General Manager - Central Region, FLO/ADDENERGIE

TS301 - Transforming the Construction Industry Through IoT

Smart Buildings, Technologies & Innovations

PCL Construction is turning the construction industry on its head through its adoption of the digital future of construction. As part of its strategy to integrate IoT and cloud services, PCL recently eliminated its data centre and formed a strategic partnership with Microsoft to develop the next generation of smart building solutions. As part of this, PCL is leveraging advanced spatial intelligence capabilities to gather and analyse IoT data to increase safety, efficiency, and productivity while positioning itself as a future-ready builder. In this session you will learn how the shift to a digital future based on cloud computing, field mobility, enterprise-wide integration and data analytics enhances speed to market, reduces cost, enhances safety and drives lean construction practices and greater productivity.

Julie Morin, IoT Solutions Specialist-Canada, Global Black Belt Team, Microsoft Canada

Terry Olynyk, Director, Business Development, PCL Constructors Canada (Toronto)

TS401 - City of Toronto: Planning for Tomorrow

International Trade & Business Development

Project Design, Planning, Delivery, Management & Best Practices

Toronto is facing both unprecedented growth and an affordability challenge. In order to ensure equity and opportunity across all of our neighbourhoods, access to both new transit and housing is essential. The speakers' presentation will tell a story about what the city is doing to prepare for the next wave of transit investment, and what 'form' of growth is anticipated across the city. Learn about the new guidelines for 'low rise and infill apartment buildings' and 'growing up' guidelines for family friendly units.

Lorna Day, Director of Urban Design, City Planning, City of Toronto

James Perttula, Director of Transportation Planning, City Planning Division, City of Toronto

TS501 - What is a SMART Jobsite?



Smart Buildings, Technologies & Innovations

Why don't we have the information we need to review everything about a job? Today's construction industry is hampered with ineffective jobsite data collection and management practices. Many contractors bid using line items for various labour tasks but there is no simple way to collect that information daily. For busy contractors who are frustrated with the daily challenge of tracking job costs, this session will go into the strategies being used by modern firms to streamline and improve their jobsite data collection. Topics cover how to confirm jobsite costs daily, manage jobsite costs to match your original bid, simplify payroll collection, use field reports to increase jobsite visibility and get reporting on daily production.

Troy Guevara, Solutions Engineer & Construction Management Coach, BusyBusy GPS Mobile Time Sheet

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

Project Design, Planning, Delivery, Management & Best Practices

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

TN153 - Award Winning Tilt-up Case Study: On Time, On Budget

Project Design, Planning, Delivery, Management & Best Practices

Broadview Public School a Concrete Ontario 2017 award winner, was a complex job with an aggressive construction timeline. Most of the tilt-up panels were built during the winter months. This school was designed using concrete to showcase the creative style of the architect firm. From beautiful and bold imprints to traditional brick, this school demonstrates the wide variety of finishes that tilt-up can achieve with ease. Using insulated tilt-up sandwich panels allowed for an energy efficient school at costs that rival traditional construction methods. This seminar will focus on how this project was completed on time and on budget.

Len Overbeek, Co-Founder, Tilt Wall Ontario

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

Interior and Exterior Systems at its Best Wed. Nov. 28 – Fri. Nov. 30 • South Building • Booth 1022

Showcasing current trends and materials in the four interior and exterior trades; Drywall Acoustic Mechanic and Lather, Drywall Finisher and Plasterer, Hazardous Material Worker and Exterior Insulating Finishing Systems Mechanic.



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 understanding 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

TS103 - Ontario Building Code Update: Three of the Most Recent Changes You Need to Know

Legal, Regulatory & Risk Management

The changes to the Ontario Building Code arising from Ontario Regulation 139/17 came into effect on July 1, 2017 and January 1, 2018. Newer Code amendments have made further changes to the implementation rules. This seminar will be of particular interest to designers and builders as topics cover what is a "house" as defined in the Ontario Building Code, what electric vehicle charging facilities are required in new buildings and more.

Alek Antoniuk, Consulting Architect, CodeNews Consulting Corp.

TS105 - In Today's Market, Is LEED Still Relevant?

Sustainable Design, Environment & High-Performance Buildings

Within the green building industry, the latest trend has been net-zero and net-positive buildings. As more owners and developers adopt NZE/ZPE design principals, and with the CaGBC's launch of the Zero Carbon Framework, it begs the question 'is LEED still relevant'. This session will provide a background on what it means to be NZE/NPE, an overview of the Zero Carbon Framework and a market summary of the current NZE/ZPE buildings within North America when compared against LEED certified buildings. The session will also include a detailed explanation of how the LEED rating system addresses important elements of sustainable design (indoor air quality, waste management etc) that NZE/ZPE does not and will outline how LEED continues to offer a competitive advantage in the market.

Mercedes Byers, Principal, Pratus Group

Oleksandra Onisko, Principal, Pratus Group

TS106 - Maintaining a Sustainable Workforce in the Canadian Construction Industry

Legal, Regulatory & Risk Management

Professional Skills, Strategy & Leadership

The leading challenge of the Canadian construction industry in the future is maintaining a sustainable workforce constitute, which is also a target in addressing the skilled labour shortage. The development of construction talent to meet the looming shortage of skilled workers and qualified professionals, attracting, growing and retaining talent with enhanced diversity and leadership skills is a necessity. This presentation will feature panel members from a broad sector representation debating the challenges and opportunities in the construction industry to meet the current demands and identifying what needs to be done to future proof the industry with a sustainable workforce.

Clint Kissoon, President, FENAK Estimating Services Ltd.

Ben Morse, Consultant, TREAD

Alena Tokareva, VDC Manager, EllisDon

Reza Zohouri, Professor,

Centre for Construction & Engineering Technologies, George Brown College

TS107 - Are You a Project Manager or a Project Witness?

Professional Skills, Strategy & Leadership

Project Design, Planning, Delivery, Management & Best Practices

Managers take action in every step of the management process. Witnesses do the bare minimum without any sense of innovation or creativity. This session will equip project managers with the foundation of management expertise they need to efficiently direct the entire project life cycle, from job start-up to job close-out. The session is designed to uncover true "productivity potential" by teaching process improvement along with management and leadership techniques. Learn the essentials of project management, how to instruct participants to stop getting by and start getting results and how to create a positive team mentality and work climate and resolve conflicts among team members.

Norb Slowikowski, Consultant, Slowikowski & Associates

TS108 - Environmental Abatement and Indoor Air Quality: Update on Best Practices

Optimizing Building Performance & Enhancing Net Asset Value

The speakers will present a summary of current initiatives, including some important guidelines soon to be published. This session will focus on EACO's Indoor Air Quality Guideline, updates to CCA-82: Mould Guidelines for the Canadian Construction Industry, the Pre-Construction Hazardous Materials Survey Guideline, and updates to the Federal Government Legislation for Asbestos. Property managers, owners, contractors, engineers, specifiers and consultant should not miss this essential environmental abatement and indoor air quality update.

Steve Fulford, President, Environmental Abatement Council of Ontario

Michael Harrett, Regional Practice Leader, Hazardous Materials, Pinchin Ltd.

Rob Robinson, Principal, Stantec Consulting Ltd.

Glenn Smith, Senior Project Manager, Safetech Environmental Limited

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

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 & 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

TS402 - Builders Without Borders: Lessons Learned from Rebuilding Communities

International Trade & Business Development

Project Design, Planning, Delivery, Management & Best Practices

For over 20 years ago, Canadian companies have worked with Canadian charitable foundation Builders Without Borders (BWB) on more than 50 projects through international building and aid programs. Most of those projects have been post disaster assistance with reconstruction, such as in Haiti and Nepal. This presentation will identify lessons learned and longer term solutions that mitigate the risk and scale of future challenges in countries exposed to natural disaster. From building structure best practices to innovative process developments, the session will provide information about previous and upcoming international projects as well as strategies that can be integrated into Canadian construction projects today.

Brian Palmquist, President, Quality-by-Design Consulting Ltd.

TN154 - Crystalline Concrete Waterproofing and Integral Concrete Hardening

Smart Buildings, Technologies & Innovations

On the topic of concrete waterproofing, the presentation will discuss why concrete needs to be waterproofed, list the common methods of waterproofing concrete and their limitation and describe the use of integral crystalline waterproofing and the science behind it. On the topic of integral concrete hardening, the presentation will discuss the common methods of concrete hardening and their limitations and describe the advantages of an integral concrete admixture.

Jeff Bowman, Technical Manager, Kryton International

TN155 - Innovative Mixed-Use Accelerated Parking Construction

Project Design, Planning, Delivery, Management & Best Practices

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 prefabricated 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

*Optimizing Building Performance & Enhancing Net Asset Value
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)

TN605 - Creature Comforts: Heated Floors & Sound Attenuation Membranes

Project Design, Planning, Delivery, Management & Best Practices

This presentation will examine the advancement of radiant heated flooring in construction and how it affects the tile and stone industry. The speaker will discuss the increased need for an effective system, oriented applications, and proper movement joint placement. Learn about the differences between airborne noise and impact sounds and how it's measured; what STC and IIC values mean; the most common building codes related to multi-family construction and how to specify sound attenuation membranes.

Geoff Duck, Nuheat – Sales Manager, Canada, US West, nVent Thermal Canada Ltd.

2:30 pm - 4 pm

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)

TS111 - Successfully Applying Lean Principles and Processes to Design and Construction

Project Design, Planning, Delivery, Management & Best Practices

The design and construction sector has made great strides over the past two decades applying Lean principles to deliver greater value and eliminate waste. Lean is being applied to improve results on design-bid-build, design-build and construction management projects, not just when the team is using Integrated Project Delivery. Learn those essential Lean principles and get an overview of the long list of Lean systems, processes and tools that have been proven successful. Understand why public and private owners believe Lean delivers greater value, hear from a construction manager why and how it is incorporating Lean in its projects and the benefits this produces and get to know how Lean is an ideal way to successfully weave innovations in building science, VR, AI, robotics and more to create leading edge projects.

Marcus Gillam, President & CEO, Gillam Group

Clifford Harvey, Chief Planning Officer, Niagara Health

Brian Watkinson, Principal, Strategies 4 Impact!

TS112 - Construction Close Out: Effective Strategies and Best Practices

Project Design, Planning, Delivery, Management & Best Practices

Closing out of a construction project is the culmination of all the hard work of team to transfer a project to an end user. If the close out is not completed properly, deadlines are missed, owners are upset, and costs spiral out of control. The closeout of a project starts as soon as you begin working on the project and it is important that you get ahead and stay ahead to avoid stress and lost profits for all involved. This session will provide best practices from industry professionals representing a mechanical contractor, consulting engineer, owner, and general contractor to provide you with real world strategies to ensure seamless and stress-free project closeout.

Kris Landon, Director, Construction & Project Management, Enwave Energy Corporation

Andrew Norman, Building Systems Manager, PCL Constructors Canada

Kevin O'Neill, Principal & Division Director, Commercial, H.H. Angus & Associates Limited Consulting Engineers

Sean Smithson, Vice President, Special Projects, Modern Niagara Group

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

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

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

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

TS302 - Offsite Manufacturing and the Industrialization of Construction

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

As the industry evolves to embrace the benefits offered by offsite manufacturing, the adoption of modular construction is taking greater shape across North America. This session explores the benefits of this construction method from the perspectives of the owner, builder and the industry's leading association. Through case studies and first-hand experience, learn from Marriott International, PCL Construction and the Modular Building Institute how this construction method will continue to shape the future of construction, by addressing the skills shortage, and driving quality, innovation and speed to market.

Jennifer Abuzeid, Senior Director, Global Design Strategies,
Marriott International

Tory Galvin, PCL Agile Manager, PCL Construction

Tom Hardiman, Executive Director, Modular Building Institute

Dave Walsh, Senior Director of Project Management,
Marriott International

TS403 - How to Succeed in Latin American Markets

International Trade & Business Development
Professional Skills, Strategy & Leadership

With a greater emphasis on exports beyond the USA, how can Canadian companies find market opportunities or grow exports to Latin American countries? How can you take advantage of International MOU (Memorandum of Understanding), trade agreements or existing Canadian relationships? This session will cover the experiences and best practices when working in Latin American markets including construction opportunities, logistics for market entry, and advantages of Canadian companies.

Rodrigo Contreras, Trade and Investment Commissioner,
Trade Commission of Mexico -Toronto

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

Paola Saad, President, Brazil-Canada Chamber of Commerce

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

Smart Buildings, Technologies & Innovations
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 ground-breaking 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)

TN513 - Why "Total Precast" Should Be Your Next Build System



Project Design, Planning, Delivery, Management & Best Practices

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

Sean Bickell, Sales Representative, Stubbe's Precast

Jason Stubbe, Sales Manager, Stubbe's Precast

CONSTRUCT CANADA EXHIBITORS AS OF OCT. 5

3M Canada
A1 Counting Solutions
AccuCrete
ACO Canada
AcoustiGuard
Acrytec Panel
ADEX Systems
Advanced Coatings
Agway Metals
Akrobond Building Solutions / Isomat S.A.
AlinO
American Express
American Galvanizers Association
Ankara Ferrous and Non Ferrous Metals Exporters Assoc
ARDEX Canada
Armatherm
Artech Interior Specialties
Artistic Skylight
ARTSPAN
Astley Gilbert
Axis Lighting
Azza Vr
Bailey Metal Products
BAYO.S Ground Screws
Behlen Industries
Best Access Doors
Black and White Roofing
Blaklader Workwear
Bradstone/StoneRox
Braemar Building Systems
Bridgit
BSD SpecLink
BuildingConnected
BusyBusy GPS Mobile Time Tracking
Buzon Canada
Camero/Ruscana
Canada Green Building Council
Canadian Architect, Canadian Interiors & Buildings Canada Magazines
Canadian Construction Association
Canadian Consulting Engineer Magazine
Canadian Institute of Steel Construction (CISC)

Canadian Solar Industries Association
CANAM-BUILDINGS
Can-Cell Industries
Castle Access Panels & Forms
Ceragres Tiles Group
CertainTeed
CGC
Chetu
China Machinery Engineering Suzhou
Chuang Ming Electrical Lighting Factory
Coalescentrum Waterproofing & Geosynthetic Materials
Colico
Columbia Skylights
ConstructConnect
Construction Canada Magazine
Convoy Supply
Countrytowne Metal Roofing
CRCA/OIRCA
CRL-U.S. Aluminum
Custom Building Products
D.I. Roof Seamers
DeepRoot Canada
Demilec
DMX Membranes
Dongguan City CLED Optoelectronic Technology
Dor-Control Craftsmen
Dorken Systems
Dot Lighting
Drywall Acoustic Lathing and Insulation Local 675
DTS Lighting
Duchesne & Fils
Dulux Paints
Durabond Products
DuROCK Alfacing International
Duro-Last Roofing
E. King Development
EBS Geostuctural
EDILTECO Group
Edison Price Lighting
EFI Concepts
EJOT Construction Fastening Systems
Elastizell Canada
Elastochem Specialty

Chemicals
Electrical Business/ HPAC / Energy Manager
Emerg-Lite
ETG Exterior Technologies Group
Exova Canada
E-Z Taping System
Faber Tile and Stone
Federal Elevator
Fenn & Fenn Insurance Practice
FilcoTen & Gatic by Hydro BG
Flexmaster Canada
FLO
FT Synthetics
George Brown College
Georgia-Pacific Gypsum
GeoSolv Design/Build
Ginkgo Sustainability
Global Affairs Canada / Government of Canada
Greco Aluminum Railings
Greco Construction
GreenBlue Urban
GreenFrog Construction
Groundwater Environmental Management Services (GEMS)
Hadrian Manufacturing
Henry Company
Hexagon
Hilti (Canada)
Horizon Occupational Health Solutions
Hydrostar Products
IKO
Imaginit Technologies
Imige Lighting Electric
Infrastructure Health & Safety Association
Interbuild Prefab Systems
Interior Finishing Systems Training Centre
International Union of Painters & Allied Trades - IUPAT
IPS - International Power System
Iron Eagle Industries

IRONguard Safety Products
iSPAN Systems
I-XL Building Products
James Hardie
Jiangxi Avonflow HVAC Tech
Jonas Construction Software
Kelso Coatings
Kemper System Canada
Kiesel Bauchemie
Kingspan Insulated Panels
KOSTER American
Ledlucky Holdings
LiveRoof
LOGIX Insulated Concrete Forms
Luxyclad/ Decora Powder Coatings
Mannington Commercial
MAPEI
McIntosh Perry
M-D PRO
Mechanical Contractors Association of Toronto
Mercedes-Benz Toronto Retail Group Vans
Meridian Brick
Metallux
Metalumen Manufacturing
Metl-Span
Microsoft Surface
Momentum Lift Equipment
Mosaic Sales Solutions Canada Operating
MPI MATCO Adhesive Solutions
MRC Wireless
MSL
Multivista Construction Documentation
Nana Wall Systems
Neogard Construction Coatings
Next Level Stormwater Management
Niagara Protective Coatings
Nichiha Fiber Cement
Ningbo Tiantai Hose Factory
Northern Stainless & Rail

Northstar
N-Two Cryogenic
NUDURA Insulated Concrete Forms
OMX
Ontario Construction Report
Ontario General Contractors Association
Ontario Society of Professional Engineers
Peikko Canada
Perfect Led
PermaTint
PlanGrid Canada
Plasti-Fab
Preciz AL Energy
Procore
Profast
QLD Communications
Quickstyle
R & D Energy Savers
Radius Security
Radon Environmental Management
Ram Board
RCI Ontario Chapter
Rheinzink America
Rhinotek Entrance Solutions
Robertson Building Systems
Roll-A-Shade
Rope + Cable Canada
RPM Rollformed Metal Products (HSD)
SAB Magazine
SAFTI FIRST Fire Rated Glazing Solutions
Salto Systems
Sarina Tekstil Insaat Ticaret
Savaria Elevator & Lifts
Scranton Products
Secure Container Solutions
Selectone Paints
SH KOREA – Heating Film & Heating Cable
Shenzhen Fahold Electronic
Shenzhen SNC Opto Electronic
Sika Canada
Skudo LLC
Skywin-Fakro
SmartUse

Sokkia
Soleno
SolidCAD - A Cansel Company
Soprema
Spar Marathon Roofing Supplies
Stanpro Lighting
Stonhard
Structure Fusion
Supreme Galvanizing
Techno Metal Post
The Drafting Clinic Canada
The Fence People
The TRH Group
Tianjin Runfei Steel
TOA Canada
Toronto Construction Association
TPGENG
Tremco Canada
Trimble
U-Build Steel Buildings
UL
Unilock
United Association Local 46 Training Department
University of Waterloo, Co-operative Education
Uponor
Ventilation Maximum
Verizon Connect
Vicwest Building Products
Viega
VIG Technologies
Viking Fire Protection
W.R. Meadows of Canada
Waste Management of Canada
Wenzhou Topson Construction Material & Technology
Wenzhou Wellway Hardware
Yuhuan Heapevalve
Zhangjiagang City Barep Electrical Technology
Zhejiang Acme Pipefitting
ZinCo Canada

THE BUILDINGS SHOW EXHIBITORS OF INTEREST AS OF OCT. 5

1-888-PAVEMENT OF ONTARIO / SURE SEAL PAVEMENT	Cohen & Master Tree and Shrub Services	Forbo Flooring Systems	King Packaged Materials	Pinnacle Group	Solucore Elevator Solutions
3 Euro Windows	Coldwell Banker Real Estate Management Leaders	Form and Build Supply	KM Haus	Pipe Shield	Southbrook Cabinetry
Advanced Building Products	Concord Aluminum Railings	Forms+Surfaces	KOOP Doors & Windows	PlanSwift Software	SPI Health & Safety
Ahern Canada	Consavvy.com	FORSMITH Building Science Consultants	Laser Products Industries	Ply Gem Canada/ Mitten by Ply Gem	Stabila
Aiphone	Consortio Promex	Foundation Supportworks of Ontario/Canadian Concrete Leveling	LATICRETE CANADA	Polyform	Stadia Industries
Alarm Boss	Construction Solutions	Fox Blocks	Lepage Millwork	Poly-Mor Canada	Standard Products
Alcii Distributors	Convenience Group	Fresh and Clean / DRYIT.ca	Lincoln Construction Group	Prime Railings and Fabricating	Steam Sauna
Alldec Armon	CPL Technologies	Frost Products	Longboard a Division of Mayne	PrimeTech Building Services	Steel-Craft Door Products
Alliance Roofing	DaVinci Roofscapes	Fusion Stone	LP Building Products	Profix	Stinson Owl-Lite
Allura by Plycem	DawnRay	Gentek Building Products	Lumenix	Proteck Roofing and Sheet Metal	Stoakley-Stewart Consultants
Almita Piling	Delta Elevator	Geophysical Survey Systems	Lumon Canada	Provive Professional Revitalization Services	SugarHouse Industries
Ambex Concrete Technologies	Delta Roofing	Globe LED Lighting	LUX Architectural Panel	Qea Tech	Summit/ Protect
Amvic Building System	Derby Building Products	GME Canada	MAGICPLAN	Quantum Electric	SunLouvre Pergolas by ID 224
AQE Indoor Environmental Engineering	Derusha Supply	Goldwell Restoration	maibec	Raildek	Superior Walls
Aqua Milano	Devisubox	GoliathTech Screw Piles	MAX USA	Reliance Worldwide (Canada)	Tajima Tools
Architectural Stone Decor	Diamant Boart	Great Northern Insulation & Barrier Sciences Group	Merik Canada	RenoRun	Tarkett
ARKTEK 3D RENDERING	Diresco	Green Metal Roofing & Manufacturing	Metrosphere LED Lighting	Richelieu Hardware	Technicraft Product Design
Armadi Art by Elite Vanity Design	Distinctive	Greenstone Panels EN3	MFS Supply	Rikoss	The Canadian Cement Store
Armour Restoration	Dominion Doors & Windows	GRIP Metal	MJ Building Envelope Solutions	Rismat (FloorGuard) Matting Systems	The Marble Clinic
ASI Group Canada - Architectural School Products	DRIcore Products	Gym-Con	MMFX Technologies - A COMMERCIAL METALS COMPANY	Riviera Stones	Therm-O-Comfort
Atlas-Apex Roofing	DSG Restoration Services	H & S Building Supplies	Mobile Business Communications	Rockfon Acoustical Ceilings	Think Impex Canada
Azure City Building Solutions	DuPont Performance Building Solutions	HD Supply Facilities Maintenance	MOEN	Rockwool	Tilt Wall Ontario
Balux	Dyson Canada	Helly Hansen - Workwear	Molok North America	Rose Paving	Tiltco
Blastrac Diamatic Canada	ECi Software Solutions	Hi-Lon Glass Services	Morbi Ceramics Associations	Rosenberg Fans Canada Ltd.	TNR Industrial Doors
Braxton-Bragg	ECO Insulating Glass	HK Contracting	Nangang Stone Nanan City	Rothsay, a division of Darling International	TORLYS
Building Material Works	ECO-INSULATED Panel Manufacturing	Hogan Concrete Accessories	NANOBOND Technologies	Royal Building Products	TREAD
Building Products of Canada	Epal Windows & Doors	I.M.L. Roofing & Sheet Metal Systems	Nanophyll	RYCOM	Triumph Roofing
BuildingPoint Canada	Estwing	Icom Canada	NAVIE	Rymar Synthetic Grass and Rubber	True Traction
BusyBusy GPS Mobile Time Tracking	Euclid Canada	Ideal Plumbing and Drain	NBL - Stone	Safeguard Technology	Tuff Industries
Campbell & Kennedy Electric (1996)	Euro Architectural Components	IRC Building Sciences Group	Nedlaw Living Walls & Nedlaw Roofing	Safety Express - Aramco	Waterproofing Solutions
Canam	EzoBord	Isolofoam Group	NEUE Floors :: Wide- Plank Wood	Sagiper North America	Water Matrix
Candroid Robotics Corporation	FDL Factory Direct Lighting	JOHN BROOKS COMPANY	NEX Industrial Supplies	Sanbec	Water Proof Masters & Associates
Can-Sky Roofing & Sheet Metal	Federal Wireless Communications	Johnsonite/Tarkett and Tandus Centiva/Tarkett	Northern Communications	SaniGLAZE	Winmar Property Restoration Specialists
Cantools Diamond Applications	FEIN Canada	Kanata Caulking & Weatherproofing	Nour Painting Tools	Sapphirus Stone & Tile	Woodtone
Captivate	FERRO Environmental	Karva Canada	NTP Stone Canada	Sentry Building Innovations	XL Flooring
Carmichael Engineering	FIAT Chrysler Automobiles (FCA) Canada	KDF Unideco	NUEWAL	Sherwin Williams Paint	
Chargerent	Fibertec Window & Door	Kinesik Engineered Products	Nusite Contractors	Silaco Natural Stones LDA	
Chem-Aqua Canada	FLIR Systems		Ortech Industries	Simpson Strong-Tie	
Chemcrest	Flooring Liquidators Contract		Parsons Precast	SoftPlan	
	Fluke		Peak Sales & Marketing		
			Phantom Screens/ Ontario Screen Systems		

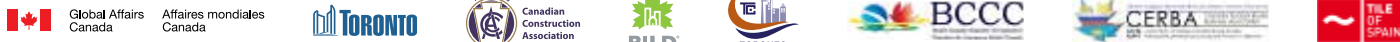
International B2B Matchmaking Program

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.

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