Undoubtedly one of the biggest challenges facing Canadians today is affordable housing. To address this issue cities will require commitment, investment, and perhaps most of all, innovation. The design, construction and operation industries, which have been built on traditional workflows, are poised for disruption. New technologies, digital processes, fabrication and efficient assembly methods are no longer on the horizon, but are already showing us we can design, construct and operate the housing and infrastructure we need, not only faster and cheaper, but more sustainably as well. Join us in Toronto to learn more about new methods and technologies that will impact how we deliver affordable housing and cities in the future.
CanBIM Project Site Tour
*Limited seating available. Must register online.
PCL Agile Facility
7:30AM - 12:00PM

CanBIM Internal Meetings
8:00AM - 10:00AM

CanBIM Owners Symposium
Exclusive Event for Owners
10:00AM-1:30PM - KING 1

CanBIM Annual General Meeting (AGM)
2:00PM-4:00PM - KING 1

2019 CanBIM Innovation Spotlight Awards Reception & Presentation
6:00PM-9:00PM - Regency ABC

Event Fees

<table>
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<tr>
<th>MEMBERS</th>
<th>NON-MEMBERS</th>
<th>STUDENTS</th>
<th>GROUPS (4 or more)</th>
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<td>Tour $44</td>
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<td>Awards Presentation $125</td>
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CanBIM Owners Symposium (Exclusive Event for Owners - Invite Only)
Using Construction Data for Effective Facilities Management
Hyatt Regency Toronto - Room KING 1
10:00AM-1:30PM

10:00AM-11:00AM  The Ohio State University Journey - A BIM Roadmap for Owners, Joe Porostosky, Director of Facilities Information and Technology Services, The Ohio State University
This session will focus on The Ohio State University’s transition from AutoCAD based floor plans to Revit based building models. This effort has resulted in 32+ million sq ft of Revit based models, developed over the last 9 years, with the goal of developing 37+ million sq ft when complete. This session will cover the initial project work where standards and processes were designed and will discuss the “why” of the conversion along with outcomes. The evolution of those standards and processes during the project’s maturation will also be discussed.

11:00AM-11:15AM  BREAK (with coffee and snack)

11:15AM-12:00PM  Case studies of BIM in FM, Petro Karanxha, Professor, George Brown College
This presentation will focus on application of Building Information Modeling in Facilities Management. We are exploring a few projects where we have tested different workflows and data transfer from BIM Models to Facilities Management. The presentation will start with a look at Data transfer from the BIM models to CAFM. Analyze what are some of the results of the research and workflows. Additionally, we are going to explore workflows developed to capture existing data and how it can help managing the asset and future work. Last but not least how to use the BIM model directly for facilities management purposes.

12:00PM-12:30PM  Latest Trends in BIM Tools for Reality Capture, Mike Harvey, Reality Capture Sr. Product Manager – NAFTA, Leica Geosystems
An overview of the current hardware and software, future visions, and how owners can utilize reality capture data to better manage their buildings.

12:30PM-1:30PM  LUNCH
Technology Sessions, Executive Speaker Series & “Meets & Eats” Dinner

DAY TWO
September 26, 2019

7:30AM  Event Registration Opens - Mezzanine Level
7:30AM  Technology Exhibition Opens (All Day) - Regency DEF

8:00AM-8:30AM  CanBIM Welcome Address, Education & Certification Update - Regency ABC

EARLY MORNING CONCURRENT SESSIONS

8:30AM-9:45AM  An Integrated Approach to BIM, Joris Raaijmaakers, Co-Founder, BIMstudio & Jad Jouji, Co-Founder, BIMstudio - Studio B
8:30AM-9:45AM  Beyond the Modeling with Revit for MEP, Scott Buchanan, MEP Subject Matter Expert, Autodesk - Thomson
8:30AM-9:45AM  New Technology, Same Risks?, Andrea Lee, Partner, Glaholt LLP, Catherine MacInnis, Associate General Counsel, IBI Group, Jason Lewis, Senior Legal Counsel, WSP, Peter Dempster, VP, National Director, Aon - Studio C

9:45AM-10:30AM  Networking Technology Exhibition - Regency DEF

LATE MORNING CONCURRENT SESSIONS

10:30AM - 11:45AM  Clash Management for Designers / Best Practices for Design-Phase Clash Management, Yiğit Karanfil, Design Technology Manager, HOK Architects - Thomson
10:30AM - 11:45AM  Digital Transformation through Pre-fabrication and Modular Construction, Scott Pittman, Vice President of North America, Pinnacle Infotech Inc - Studio C
10:30AM - 11:45AM  The Ohio State University’s Transition to BIM, Joe Porostosky, Dir. of Facilities Information and Technology Services, The Ohio State University & Peter Costanzo FMP, Director FM, IMAGINiT Technologies - Studio B

11:45AM-12:50PM  LUNCH - Regency DEF

AFTERNOON SESSION

12:50PM-1:00PM  Opening Remarks - Regency ABC
1:00PM-1:30PM  Katerra - Bringing Silicon Valley Tech to the Design and Construction Industry, Craig Curtis, President of Architecture, Katerra
1:30PM-2:00PM  The Convergence of BIM and Manufacturing for Construction: Creating Sustainable Housing at Scale, Ray Wang, Sr. Research Scientist, Autodesk
2:00PM-2:30PM  Urban Analytics for Building Great Cities, Monika Jaroszonek, CEO & Co-founder, Ratio.City
2:30PM-3:15PM  Networking Technology Exhibition - Regency DEF
3:15PM-3:45PM  Industrialization of Commercial Construction Through Offsite Manufacturing, Troy Galvin, Manager, PCL Agile
3:45PM-4:15PM  Unlocking Affordability Through Innovation, Annie Koo, Associate Director of Development, Sidewalk Labs
4:15PM-5:00PM  Panel Discussion: Addressing the Affordable Housing Crisis Through Digital Innovation and Technology
5:00PM-5:10PM  Closing Remarks
5:10PM-6:00PM  CLOSING RECEPTION - Regency DEF
6:30PM-8:30PM  “Meets & Eats” Dinner - Earls Kitchen + Bar
Early Morning Sessions
8:30AM-9:45AM
Attendees will be able to select only ONE (1) of the THREE (3) Early Morning Sessions.

Technology Session 1A - Conference Level - Studio B
An Integrated Approach to BIM
Presenters: Joris Raajmaakers, Co-Founder, BIMstudio, Jad Joulji Co-Founder, BIMstudio

Session Summary: This session will demonstrate a practical approach of the use of BIM. How it can benefit multiple disciplines and departments within a company, what it can save in time, what it will bring in quality and what is needed to get there. We aim for an inspiring presentation about the possibilities with BIM when you choose an integrated approach. With a focus on the Low-rise market (Mattamy Homes), this session will explore BIM models that are being used for Sales, Marketing, Estimation, Value Engineering, Procurement, Drawings, Collaboration & Coordination and Site Coordination.

Technology Session 1B - Conference Level - Thomson
Beyond the Modeling with Revit for MEP
Presenters: Scott Buchanan MEP Subject Matter Expert, Autodesk

Session Summary: Yes, we have seen how Revit can generate compelling visuals, assist with coordination through sectioning tools, etc. Now, gain insight on how firms across North America have been leveraging capabilities within Revit beyond just the graphical representation tools.

Technology Session 1C - Conference Level - Studio C
New Technology, Same Risks?
Presenters: Andrea Lee, Partner, Glaholt LLP, Catherine MacInnis, Associate General Counsel, IBI Group, Jason Lewis, Senior Legal Counsel, WSP, Peter Dempster, VP, National Director, Aon

Session Summary: Learning objectives of this presentation are:
1. Understanding legal issues surrounding BIM, including intellectual property rights, liability and cybersecurity
2. Managing risks associated with use of BIM, including use of contracts, internal training programs, and other risk management tools
3. Learning about rights and remedies related to BIM, including review of payment disputes
4. Examining BIM in collaborative project procurement models, including a focus on IPD
Late Morning Sessions
10:30AM-11:45PM
Attendees will be able to select only ONE (1) of the THREE (3) Late Morning Sessions.

**Technology Session 2A - Conference Level - Thomson**  
**Clash Management for Designers / Best Practices for Design-Phase Clash Management**  
Presenter: Yiğit Karanfil, Digital Design Specialist, DIALOG

**Session Summary:** This technology session will share with the community the best practices of design-phase clash detection to avoid time-consuming setup and inefficient coordination. While this topic isn’t a new one, it’s critical, time-consuming, and oft-misunderstood, therefore important to execute as efficiently as possible.

We start by covering the value of pre-construction coordination vs fixing issues in the field. The main focus of this session will be sharing in detail our coordination workflow including both processes and methodology. We aim for you to leave with fresh ideas and methods of resolving your project’s clashes.

**Technology Session 2B - Conference Level - Studio C**  
**Digital Transformation Through Pre-fabrication and Modular Construction**  
Presenter: Scott Pittman, Vice President of North America, Pinnacle Infotech Inc.

**Session Summary:** Pre-fabrication and modular construction have become significant in building design and construction management. Building Information Modelling, combined with fabrication, has enabled integrated architecture and engineering workflows that can embrace these technologies. In industrialized production, the digital model becomes the product. For architecture and engineering professionals, drawing sets rely on symbology and design intent, and not on specifics of construction and fabrication.

The use of pre-fabrication as a parallel construction process, coupled with the intelligent application of BIM technology, are the driving forces behind the paradigm shift being perceived in construction methodologies in recent times. The most common benefits of Prefabrication & Modular Construction are quality and efficiency. Moreover, many of the dependencies and risks associated with traditional construction are eliminated by manufacturing components and modules off-site, while the construction of the main building structure progresses onsite.

**Technology Session 2C - Conference Level - Studio B**  
**The Ohio State University Journey - A BIM Roadmap for Owners**  
Presenters: Joe Porostosky, Dir. of Facilities Information and Technology Services, The Ohio State University & Peter Costanzo FMP, Director FM, IMAGINiT Technologies

**Session Summary:** This session will focus on The Ohio State University’s transition from AutoCAD based floor plans to Revit based building models. This effort has resulted in 29+ million sq ft of Revit based models, developed over the last 7 years, with the goal of developing 355+ million sq ft when complete. This session will cover the initial project work where standards and processes were designed to ensure long term value of the developed models. The evolution of those standards and processes during the project’s maturation will also be discussed. This session will further describe how Ohio State has handled the challenges of managing a large portfolio of models by improving processes and using technology solutions to drive efficiencies into the building and maintenance of their models. Attendees will receive an overview of the various software tools Ohio State uses to build and maintain their models. In addition, this session will cover the lessons learned after 7 years of developing Revit models.
Afternoon Session - Executive Speaker Series
1:00PM-5:00PM - Regency ABC
Event attendees will hear from industry executives and senior management professionals about their vision and strategy around technology adoption and how technology is driving business value at their organization.

*Katerra - Bringing Silicon Valley Tech to the Design and Construction Industry* - 1:00PM - 1:30PM
Craig Curtis, President of Architecture, Katerra

*The Convergence of BIM and Manufacturing for Construction* - 1:30PM - 2:00PM
Ray Wang, Sr. Research Scientist, Autodesk

*Urban Analytics for Building Great Cities* - 2:00PM - 2:30PM
Monika Jaroszonek, CEO & Co-founder, Ratio.City

*Industrialization of Commercial Construction Through Offsite Manufacturing* - 3:15PM - 3:45PM
Troy Galvin, Manager, PCL Agile

*Unlocking Affordability Through Innovation* - 3:45PM - 4:15PM
Annie Koo, Associate Director of Development, Sidewalk Labs

*Executive Panel Discussion* - 4:15PM - 5:00PM
Addressing the Affordable Housing Crisis Through Digital Innovation and Technology

Closing Reception
5:10PM-6:00PM - Regency DEF
Sponsored by CanBIM Platinum Sponsors

Join us for a beverage and some hors d’oeuvres.

“Meets & Eats” Dinner  *Must register online in advance, limited seating available.
Earls Kitchen + Bar 150 King St W, Toronto, ON M5H 1J9
6:30PM-8:30PM
Event attendees will have the chance to sit down and break bread with technology leaders. Executive “Meets & Eats” are an Intimate, exclusive and curated opportunity to build your network.
The CanBIM Technology Exhibition showcases the latest innovative technologies from industry leading technology companies. A great business opportunity to connect with the AECOO industry professionals.

Exhibitor Package Includes (per event)

Two (2) Event Registrations per event
- Exhibitor Profile on CanBIM Mobile Event App
- Exhibitor Logo Placement on main event screen during breaks
- Exhibitor Table - 3X6 table with two chairs
- Attendee List

Exhibitor Package Does Not Include:
- Power Access
- AV Equipment
- Table Linens
- Parking
- WiFi

Exhibitor Package Fees
*plus applicable taxes
CanBIM Member Price: $1250
Non-Member Price: $1600
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