

Speaker Bio & contact	Topic title & Content
Thursday April 6, 2017	4:00 – 5:30 P.M.
SPEAKER: Stephanie Wallace	Gold Seal Certification – Expect Excellence: Interested in Gold Seal Certification? Join Program Manager Stephanie Wallace to find out all you need to know about Gold Seal Certification including the application process, the examination and all the new initiatives the program will be launching in 2017.
Thursday April 6, 2017	5:30 – 10:00 P.M.
Welcome Reception and Dinner	The Courts
Friday April 7, 2017	7:00 – 8:30 A.M.
Breakfast	The Courts
Friday April 7, 2017	8:30 – 10:00 A.M.
SPEAKER: Kate Lines	Respect in the Workplace: 1. Background - how we got here - human rights, provincial legislation, criminal code 2. Employer responsibilities - employee rights 3. Duty to investigate complaints - identify and assess 4. Resolution Options - mediation, informal resolution, investigation, notification 5. Inappropriate vs prohibited workplace behaviours - harassment vs performance management
SPEAKER: JS Bidal	WSIB Presents Rate Framework Modernization: In 2019 the WSIB will deliver a totally new rating system that will eliminate all existing premiums and experience rating systems and replace them with a system prospective custom rate for each employer. The classification structure will include fewer, larger groups for premium rate setting. The WSIB will soon distribute employer specific target rates using the new system so you can understand the impact. What are the cost impacts and how will it promote health and safety are a few of the issues to be considered. How will your company's performance now affect your rate in 2019? As Executive Director of the initiative, JS Bidal is the architect of Rate Framework and will oversee its implementation.

<p>SPEAKER: Steve Panciuk</p>	<p>Understanding Design Liability and Working with Consultants</p> <p>The construction industry is in a state of continuous evolution. We have seen several key trends in the last few years which are leading to a fundamental shift in the way contractors and engineers interact. With the influx of capital spending post 2008 and the popularity of P3s in Ontario and the rest of Canada, contractors and engineers have partnered on dozens of large and very large projects. We have seen that level of collaboration push down into smaller projects and today's successful contractors will need to embrace collaboration. Along with collaboration, risk transfer is today's hot topic. Owners are routinely looking to transfer all possible risks to the contractors and designers. While some of this risk transfer is appropriate, identifiable and either acceptable or insurable, there are some risks best left with the owner.</p> <p>This session will focus on these two key elements. We will discuss collaboration and risk transfer in today's construction environment, relate claims examples which rise out of the breakdown of these two key principles and identify key takeaways to help contractors manage their relationships with consultants and deal with risk transfer in the most effective manner possible.</p>
<p>SPEAKERS: Brian Astl, Dave Tipler, Leo You</p>	<p>New Industry Technology</p> <p>The LED Jobsite is the concept of replacing of the bulb-based temporary lighting on a jobsite into purpose-built LED temporary lighting. Right now, almost every job site in Ontario uses bulb-based temporary lighting, which is energy inefficient, generates waste, and creates unnecessary costs.</p> <p>An LED Jobsite dramatically reduces energy usage, CO₂ emissions, and labour and maintenance expense. In an era of finding ways to do things more efficiently on a jobsite, this topic is quite timely. An LED Jobsite pays for itself in the first project, and then is available to be re-used again and again, unlike traditional bulb-based lighting.</p> <p>By way of huge reductions in energy usage, the LED Jobsite also reduces green-house gas emissions, which allows the construction industry to do its part towards meeting the carbon reduction commitments. Initiatives like the EllisDon Low Carbon Agenda highlight the need for the construction industry to adopt solutions like the LED Jobsite.</p>

The impact of the LED Jobsite on a single project is quite large. For example, we are just finishing up a project in western Canada for an office tower where the LED Jobsite has saved them over \$280,000, 3 million kWh of electricity, and reduced CO₂ emissions by over 2,000 metric tons.

3D Laser scanning technology

The discussion will begin with the realities that the construction industry is facing in this rapidly changing world that we now live in.

- The rate at which data is created today as compared to 20 or 30 years ago
- The demand for delivering better and faster
- Downward pressure on fees.
- Threats from competition
- The need to differentiate

Laser scanning technology is one possible solution to the above issues.

Dave will discuss how the technology works, and discussion the similarities and differences in conventional data collection and data collection using laser scanning.

Once everyone has a clear understanding of why we need the technology, and how the technology works, Dave will then speak to how the technology can be used in our industry workflows to increase productivity, provide a better product and how it can be used to increase margins while benefitting all parties involved in construction projects. He will touch on:

- how it can be used by consultants in the design stages of a project to better coordinate the work
- how it can be used by consultants to communicate better with constructors and owners
- how it can be used by constructors to save time and money on pre-construction processes, processes during construction and on post-construction processes
- how owners can benefit from the design and construction team's use of the technology.

	<p>He will then sum everything up in discussing how everybody wins using the technology.</p> <p>SMART VEST</p> <p>Flexo is a smart uniform that is able to detect incorrect lifting techniques and reduce back injuries caused by lifting. For construction companies, Flexo can help employers identify potential risks in the workplace, provide meaningful data on how to reduce this risk and actively help workers identify/prevent lifting risks.</p> <p>What will be covered (in order):</p> <ul style="list-style-type: none"> - Why are back injuries the problem we want to solve? - Introduction to Flexo - a smarter uniform - How Flexo works and key use cases - The role of Flexo in construction - First pilot program to try Flexo in the field
SPEAKER: Duncan Glaholt	Adjudication - Construction Lien Act:
SPEAKER: Cian O’Sullivan	Beagle
Friday April 7, 2017	10:00 – 10:30 A.M.
Coffee Break	The Courts
Friday April 7, 2017	10:30 – 12:00 NOON
SPEAKERS: David Gardner & Vince Gambino	<p>Construction Noise & Vibration Monitoring and Abatement Plans</p> <p>Noise has become an increasing concern as the workplace see ever increasing use of machines and, powered equipment and tools. Noise exposure is one of the most common occupational hazards that workers can be exposed to and can lead to permanent hearing</p>

	<p>loss. However, if it is controlled these impacts can be greatly reduced. The Construction Project regulation has limited requirements for the control of worker exposures to noise and so the Ministry of Labour enacted a new noise regulation. On July 1, 2016 Regulation 381/15 – Noise came into force and made the requirements to recognize, assess and control regarding noise exposure applicable to almost all workplaces including construction projects. This session will outline the requirements of the new regulation, provide guidance for compliance, and practical strategies for protecting the hearing of workers.</p> <p>This session will provide an overview of the regulations and control methods regarding construction noise and vibration as it affects the workers on a construction site, and people and buildings in proximity to a construction site. In particular, the session will review the new and existing noise regulations that apply to construction projects, address guidance on the implementation of engineered noise abatement programs, and the effects of vibration on people and the surrounding buildings from construction activities. The session will close with a discussion of the best practice benchmarks and guidelines that are used worldwide and referenced by WSIB and the Ministry of Labour.</p>
SPEAKER: Prof. John Straube	Building Science 101 A general commentary on the principles of building science, the differences between air & vapour barriers, understanding the control layers of the building envelope, including various examples illustrating the failures due to poor detailing and poor execution.
SPEAKERS: Bruce Reynolds, Sharon Vogel, John Dawson, Chris Moran, Paul Raboud, Drazen Bulat, Geza Banfai	Lien Act
SPEAKER: Brian Watkinson	LEAN Integrated Project Delivery – Quality and Value, Cheaper and Faster! Hundreds of successful projects in the U.S. have demonstrated the benefits of LEAN Integrated Project Delivery compared to ‘traditional’ models for delivering building projects like Design Bid Build, Design Build and Construction Management.

	<p>LEAN IPD focuses a project IPD Team – at its core the Owner, Contractor and Designer – on delivering high quality projects faster, and at lower cost. The IPD Team signs a revolutionary new form of contract, a multi-party contract that is built around true, structured collaboration, minimizing risk through early involvement of key trades.</p> <p>The IPD Team shares risk AND REWARD through a formula in that contract. The Owner’s share of savings the team finds together can be reinvested into the project to increase program and quality, add new features to the building - or simply save money on the capital construction. The other parties increase their profits – usually quite substantially - through their share of the savings. And the parties agree not to sue each other!</p> <p>LEAN IPD delivers quality and value, faster and cheaper! And LEAN IPD has arrived in Canada!</p>
<p>SPEAKER: Melissa Aveiro</p>	<p>Deloitte Innovation</p> <p>At Deloitte, we are renowned for our innovative and effective approach to client service excellence. We are applying this approach to redeveloping our work environments globally, thereby redefining the way we work and engage with our clients.</p> <p>One of our most innovative programs is the transition of our workspaces to what we call “Orbis.” This program focuses on creating a new work environment that offers flexibility on where and how work gets done. This concept allows for enhanced cross-functional collaborative opportunities and provides cutting-edge technology. This strategy is already underway in many cities here in Canada including Ottawa, Montreal, as well as our newest facility in Toronto. Our employees in Toronto now enjoy a vibrant, fresh environment with many exciting and innovative features. Some highlights include flexible work environments, such as individual work stations, stand-up desks and treadmill work stations on each floor. There are enclosed rooms available for reservation and plenty of “flex zone” spaces that provide semi-privacy. A Wellness Centre offering a variety of group fitness classes, quiet rooms for massage, prayer, etc., are also on-site. A ground floor Bistro, complete with a Starbucks barista and seating for 80 people is another commendable feature.</p> <p>Over the past year, in addition to our innovative workspaces, Deloitte has been studying the Canadian economy to better understand whether Canadian companies have what it takes to</p>

	withstand significant technology-driven disruption. We have evaluated over 700 business leaders across Canada in order to gain insights into this topic. Please join me as I head a discussion on these insights, and on how Deloitte continually strives to be a True Market Leader.
Friday April 7, 2017	12:00 – 1:30 P.M.
Sponsor's Lunch	The Courts
Friday April 7, 2017	1:30 – 3:00 P.M.
SPEAKERS: Howard Wise, Len Finegold, Glenn Ackerley	Construction Law Update In this informative session, a panel of three experienced senior construction lawyers will discuss, in a lively round table format, new developments in these critical areas: <ul style="list-style-type: none"> • Procurement and tendering – what are the new approaches public owners are taking and why is the industry upset and pushing back? • Good faith and contracts – the Supreme Court of Canada demands honesty in contract performance, but what does acting in “good faith” really mean? • Arbitration – most contracts now call for arbitration of disputes, but how does that process work and what should you expect?
SPEAKER: Prof. John Straube	Building Science 102 The future of buildings and the perfect wall. What to test and inspect, a discussion and deeper look into quality and how to make sure it exists in design and on site. Building enclosures, water and moisture control, thermal bridging and cutting edge research from the University of Waterloo.
SPEAKERS: Michelle Arthurs, Deborah Fillippe, Lisa Brown Moderator: Jason Ball	Success & Advancement of Women in Construction
SPEAKER: Robert Hogue	The outlook for Ontario's economy and housing market Mr. Hogue will provide an overview of the economic landscape over the coming year with a special focus on the factors that will influence Ontario's housing sector, including interest rates, the labour market, demographics and government policy. He will highlight the implications for both the housing market and residential building activity in the province.

SPEAKERS: Michael Sherrard; Patrick Ganley	The New Ontario College of Trades (OCOT) <p>The College has been a controversial creation and the recommendations from reviewer Tony Dean are now being implemented to respond to criticisms.</p> <p>This includes an appeal mechanism to the Ontario Labour Relations Board, a new process to review applications to certify trades, a new enforcement strategy and much more. Will the new approach make the College more responsive to industry needs? How will it affect you?</p> <p>Find out before your next visit from College Inspectors.</p> <p>Michael Sherrard has been extremely involved in the Dean review and his firm has counselled many contractors on the Ontario College of Trades.</p>
SPEAKER: George Gritziotis	Accreditation of Employers <p>PO George Gritziotis will update us on Prevention activities. The Construction Action Plan is being launched including new initiatives for the industry.</p> <p>Accreditation of Employers is being developed to recognize those who successfully implement health and safety management plans. Why should you participate and what will the standard be?</p> <p>What else is new? What do you need to do to be in compliance?</p>
Friday April 7, 2017	3:00 – 3:30 P.M.
Coffee Break	The Courts
Friday April 7, 2017	3:30 – 5:00 P.M.
SPEAKERS: Pamela Tolton, John Beck, Catherine Karakatsanis, Jeanette Southwood	Construction & Design Leaders Panel <p>In the next decade, there will be major challenges coming to the Design and Construction industry that will impact how our services are procured and how we will provide them.</p> <p>Meeting these challenges will require leadership. Our Symposium panel will address what they see coming, how we need to prepare and what qualities will be required by our future leaders to meet these challenges.</p>

	<p>You will hear from five exceptional leaders from the Design and Construction sector who will provide valuable insight into these challenges.</p>
<p>SPEAKERS: Robert Wagner, Jim Gardiner, Jason Hingston, Gillian Cuthbert</p>	<p>Construction Financing 101 - Your next bank may not be a bank at all It's not only what your financial institution can do for you, it's also what you can do with your financial institution!</p> <p>Your business isn't like any other and neither should your business banking experience be...</p> <p>"A reliable source of business financing is absolutely key for the future of any business," says Jim Gardiner, Director, Real Estate Development, and Meridian Credit Union.</p> <p>This session will give you an overview of construction financing from a lender's perspective, including:</p> <ul style="list-style-type: none"> • financing raw land • the ins and outs of construction financing • cash flow management • best practices • challenges we are seeing in the marketplace
<p>SPEAKERS: Patrick M. R Groom, Michael Sherrard</p>	<p>Bill 132 - Sexual Violence and Harassment Action Plan Act Bill 132: <i>Sexual Violence and Harassment Action Plan Act</i> was introduced by the Ontario Liberal government as part of its "It's Never Okay Action Plan to Stop Sexual Harassment." Amending the <i>Occupational Health and Safety Act</i> by placing additional obligations on employers when dealing with and investigating complaints of workplace harassment, and expanding the powers of the Ministry of Labour, Bill 132 came into force on September 8, 2016. Join us for an interactive session about Bill 132, including how to comply and strategies to deal with complaints of workplace violence and harassment.</p> <p><i>"It's Never Okay Action Plan to Stop Sexual Harassment"</i> What is sexual violence and harassment? Overview of the Action Plan initiatives</p>

	<p><i>Amendments to the Occupational Health and Safety Act</i> Pre-Bill 132 obligations and requirements when dealing with workplace violence and harassment? What does Bill 132 change? How does Bill 132 address sexual harassment? What are the new obligations on employers?</p> <p><i>Workplace Violence and Harassment Policies</i> Is your policy compliant? Incorporating Bill 132 into your existing policy</p> <p><i>Investigations</i> Bill 132 requirements Tips on conducting an effective, neutral and compliant investigation. How, when and to whom to disclose the results of the investigation</p>
SPEAKER: Prof. John Straube	<p>Selecting Materials & Systems for Performance</p> <p>Given the importance of addressing long-term sustainability from a global perspective, the importance of addressing energy efficiency in buildings is still one of the most affordable ways to address global energy and climate concerns. This presentation will review basic design and construction phase considerations that can be implemented on all types of projects to ensure that the best systems and materials are selected for the task at hand. Both tried-and-true and emerging systems will be discussed within the context of how to get durable, energy efficient buildings without complex designs or costly construction delays, callbacks, and on-going maintenance.</p>
Saturday April 8, 2017	7:30 – 9:00 A.M.
Breakfast	The Courts
Saturday April 8, 2017	9:00 – 10:30 A.M.
SPEAKER: Norm Keith	<p>Medical Marijuana in the Workplace Never before has marijuana use been more hotly debated. Entangled in a complex and quickly changing regulatory web, employers and their advisors need to be up-to-date and prepared to avoid costly construction grievances, Ministry of Labour enforcement actions, and human rights complaints.</p>

	<p>One of the most multi-dimensional and challenging issues that organizations will face, marijuana use spans many areas of law and affects employers in the Construction Industry in Ontario. The key issues so that you can proactively address challenges and protect yourself before your workplace goes up in smoke – literally.</p> <p>You will learn:</p> <ul style="list-style-type: none"> • What employers should know about the impact of use on performance and workplace safety • Strategies for employers to manage challenges with safety-sensitive positions or work locations • What is the current status of both medical and legal marijuana? • The new Access to Cannabis for Medical Purposes Regulations (ACMPR) – what it means for employers • Occupational Health & Safety law and the use of marijuana – what employers need to know to protect themselves • What does Human Rights law say about the use of marijuana in the workplace? How to ensure your organization stays out of trouble • Industry response to the current state of medical marijuana and pending legalization in Canada • Best practices for developing policies and programs to manage marijuana use in the workplace • The lawyers’ role in advising clients in this complex and changing area of the law
<p>SPEAKERS: Walied Abdeladayem, Kevin O’Neill</p>	<p>“CLAIM” is not a Four Letter Word.</p> <p>Generally speaking, the construction industry abhors the word “Claim.” The vast majority of practitioners, especially those who represent or work for the client/owner’s side, have negative associations with the word “claim” and overlook the importance of the claims mechanism in contracts.</p> <p>The word “claim” is merely an assertion and is the proper word under the contract for identifying a request for additional compensation due to additional work, disruption of</p>

	<p>work, delay of work, and many other situations incurred by contractors on their projects. We will look at the Articles and General Conditions of the latest CCDC 2 contract and how they pertain to ensuring a contractor's right to present a claim, how to properly document a construction project, and how that information is used to prepare – or defend – a claim.</p> <p>The takeaway from this session is that the proper administration of the Contract, and creating and managing proper documentation of a construction project, is the only requirement for having the necessary information available to prepare and submit a claim.</p> <p>Major Sections:</p> <p>CCDC 2 – Notice Requirements, Time Periods, Heads of Claim – What can be requested for compensation in a claim situation? Delay – How is a delay calculated, and who bears the consequences? The Role of the Consultant – are they really qualified? Preparing the Claim – what information do I need, when do I need it, how do I organize it? Claims Avoidance & Management – An ounce of prevention worth a pound of cure! Escalation Ladder – ADR and formal dispute resolution</p>
SPEAKER: Paul Casey	<p>Progress of COR™ in Ontario</p> <p>IHSA will facilitate a brief refresher of the COR™ Essentials training program with a focus on:</p> <p>Managing Roles & Responsibilities. Managing your H&S System</p> <p>This session will also discuss the following topics:</p> <ul style="list-style-type: none"> • Why was COR™ brought to Ontario • What have we learned (workplaces, buyers, IHSA) • Where is COR™ today • Continuous Improvement: Sector Advisory Panel
Saturday April 8, 2017	10:30 – 11:00 A.M.
Coffee Break	The Courts
Saturday April 8, 2017	11:00 – 12:30 P.M.

<p>SPEAKER: Mark Casaletto</p>	<p>Canadian Construction Outlook: The Road Ahead – Market Trends Driving Tomorrow’s Business</p> <p>We are in the midst of significant global political and economic change in 2017 which has resulted in tremendous uncertainty about how the global economy will fare in the short-term. How will this impact the Canadian economic outlook? What will volatile commodity prices mean for the economy and our industry? What are the implications for Canada, Ontario and our ability to manage our fiscal and monetary policy in the midst of all the noise and speculation? This session will look at trends in the non-residential construction marketplace, you will gain insights into new and evolving opportunities. Where is the construction industry heading? How is it changing? This session offers insight into the provincial and national construction outlook.</p>
<p>SPEAKERS: Terry Olynyk Gareth Burton</p>	<p>The Future of Modular Construction</p> <p>Off-site modular construction provides an alternative approach to the logistical challenges associated with traditional site-built construction projects and creates the opportunity to assemble specialized workforces to increase efficiency, while enhancing quality. While large-scale commercial use has been widely adopted across the globe, this modern method of construction is beginning to gain traction in North America. Are we ready as an industry?</p> <p>Through presentations and case studies, this session will touch on:</p> <ul style="list-style-type: none"> • The evolution of offsite construction in the UK • Landmark manufactured buildings • How the industry is changing to maximize quality, while minimizing waste and increasing speed to meet owner requirements
<p>SPEAKER: Vishal Ramjuss</p>	<p>Schedule 18 IO Projects, Community Communications</p> <p>Infrastructure Ontario has introduced Schedule 18 into its RFP requirement. The importance of this schedule is to provide effective communication collaboration on projects with the media and the community. With the ever-increasing desire of both the Media and the Public for “Real Time Information,” Vishal will be discussing the tools available to assist in managing this requirement and its benefits to businesses involved in the project.</p>