



# DAMAGE PREVENTION SYMPOSIUM 2018



**BLUE  
MOUNTAIN**

**FEBRUARY 7-9, 2018**

**BLUE MOUNTAIN RESORT, COLLINGWOOD, ON**



# DAMAGE PREVENTION SYMPOSIUM 2018



## SPONSORSHIP

### SYMPOSIUM SPONSOR



### ROOM KEY



### WELCOME RECEPTION

*Olameter*

### NAME BADGE



### AWARDS LUNCHEON



### LOCATE RODEO



### SYMPOSIUM BAG



### EXHIBITOR RECEPTION



### HOCKEY CHALLENGE



### BREAKFAST FEB.8



### LUNCHEON FEB.9



### BREAKFAST FEB.9



### ORCGA CORN HOLE



### VENDOR PASSPORT



### MORNING BREAK FEB.8



### AFTERNOON BREAK FEB.8



### AFTERNOON BREAK FEB.9





# GENERAL INFORMATION

All activities take place in the Village Conference Centre (VCC)

## REGISTRATION / INFORMATION DESK

The Registration / Information Desk is located in the Foyer outside of the Huron Grand Ballroom, on the Ground Floor of the Village Conference Centre. Staff will be available during Symposium hours to answer any questions on the program schedule and will provide general information and assistance to delegates.

Staff will be available during the following schedule:

- Wednesday, Feb. 8 • 11 am – 7 pm
- Thursday, Feb. 9 • 7 am – 6 pm

## BADGES

Identification badges must be worn at all times during the Symposium activities. Fully registered delegates will be granted access to all activities.

Those registered as Exhibitors have access to the Trade Show Hall and meal activities (including Welcome Reception and Exhibitor Reception) only. Exhibit staff are not allowed in plenary and concurrent sessions; to access plenary and concurrent sessions, exhibit staff must register separately as delegates.

## CHARITY

In lieu of speaker gifts, ORCGA will be making a donation to the Collingwood & District Branch, Special Olympics Ontario.

## WIRELESS INTERNET

ORCGA is pleased to offer complimentary WiFi access for our delegates and companions. It will work resort-wide.

- Network name: BlueMountainWireless
- Access code: 112856

## SECURITY PROCEDURES

Do not leave laptop computers, cellular phones or other personal valuables unattended. For general assistance or information, please ask the staff at the Registration / Information Desk.

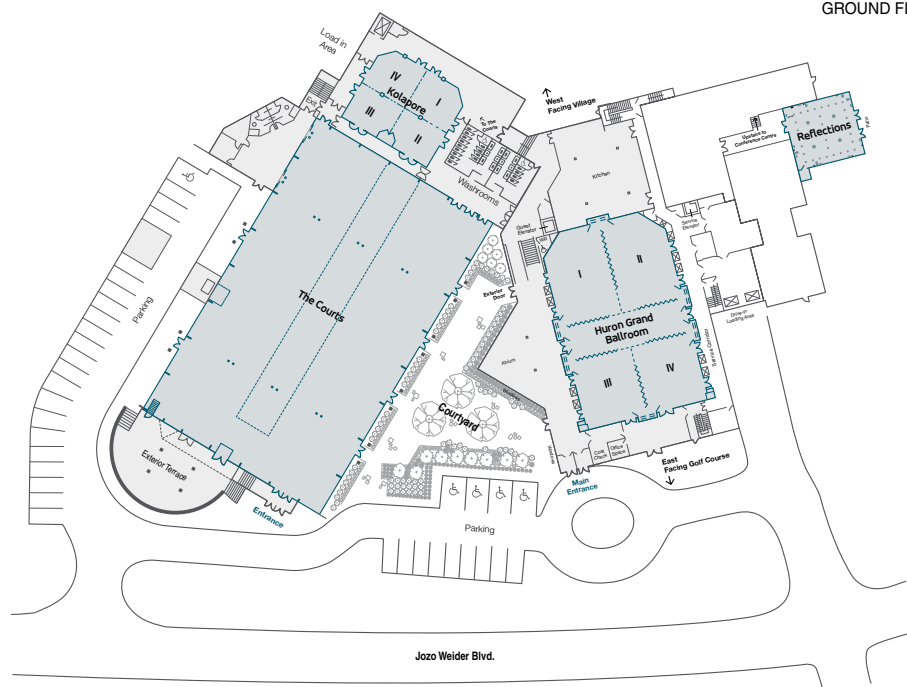
**DAMAGE  
PREVENTION  
SYMPOSIUM  
2018**

# ROOM LOCATIONS

## Village Conference Centre



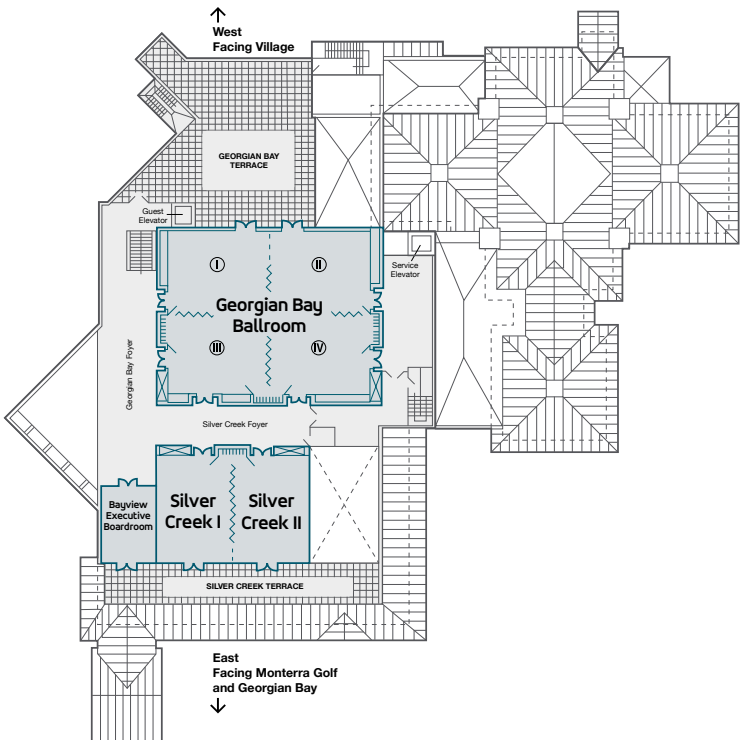
GROUND FLOOR



## Village Conference Centre



THIRD FLOOR



# PROGRAM AT A GLANCE

## WEDNESDAY, FEBRUARY 7

11:00 am - 7:00 pm	Registration	Huron Grand Ballroom Foyer
3:45 pm - 4:45 pm	Annual General Meeting	Georgian Bay I & II
6:00 pm - 11:00 pm	Welcome Reception	The Courts

## THURSDAY, FEBRUARY 8

7:00 am - 6:00 pm	Registration	Huron Grand Ballroom Foyer
7:15 am - 8:00 am	Breakfast	Huron Grand Ballroom
8:00 am - 8:30 am	Welcome & ORCGA Board Address	Huron Grand Ballroom
8:30 am - 9:15 am	Damage Prevention Perspective	Huron Grand Ballroom
9:15 am - 9:45 am	What's New Vendor Showcase	Huron Grand Ballroom
9:45 am - 10:30 am	Committee Reports	Huron Grand Ballroom
10:30 am - 11:00 am	Networking/Coffee Break	Huron Grand Ballroom Foyer
11:00 am - 12:00 pm	Concurrent Sessions 1 (4)	Meeting Rooms, Third Floor
12:00 pm - 2:00 pm	Awards Luncheon with Keynote Speaker Josée Chouinard	Huron Grand Ballroom
2:15 pm - 3:15 pm	Concurrent Sessions 2 (4)	Meeting Rooms, Third Floor
3:15 pm - 3:45 pm	Networking/Coffee Break	Georgian Bay / Silver Creek Foyer
3:45 pm - 4:45 pm	Concurrent Sessions 3 (4)	Meeting Rooms, Third Floor
5:00 pm - 11:00 pm	Exhibitor Reception & Dinner and ORCGA Olympics	The Courts

## FRIDAY, FEBRUARY 9

7:30 am - 8:15 am	Breakfast	Huron Grand Ballroom
8:15 am - 9:00 am	Ontario One Call Address & Map Selection Notification	Huron Grand Ballroom
9:00 am - 9:15 am	DIRT Report	Huron Grand Ballroom
9:30 am - 10:30 am	Concurrent Sessions 4 (4)	Meeting Rooms, Third Floor
10:30 am - 11:00 am	Networking/Coffee Break	Georgian Bay / Silver Creek Foyer
11:00 am - 12:00 pm	Concurrent Sessions 5 (3)	Meeting Rooms, Third Floor
12:00 pm - 1:00 pm	Luncheon & Closing Remarks	Huron Grand Ballroom

# ACHIEVEMENT AWARDS

ORCGA recognizes on-going achievement in our industry through our Awards Program.

## EXCAVATOR OF THE YEAR

These awards recognize excavators with the best in-class safe digging practices. Excavator of the year is determined by each contractor's individual damage rate. A damage rate is a calculation dependent on the volume of locates requests, measured against the number of digging related damages to underground structure. To qualify, excavators must have a minimum of 500 locate requests to Ontario One Call.

### GAS



### HOMEBUILDER



### ELECTRIC



### LANDSCAPE



### ROAD BUILDER



### SEWER/WATER



### TELECOMMUNICATIONS



### MOST IMPROVED



## COMMITTEE ACKNOWLEDGEMENT

This year's honoree is:

E&E Co-Chair | Michele Finney | Hydro One

## GEOGRAPHIC COUNCIL ACKNOWLEDGEMENTS

This year's honorees are:

Ontario East - Ottawa | JR Lesage | Taggart Construction Limited  
GTA East - Oshawa | Michael McGiverty | Enbridge Gas Distribution

**Member of the Year Award** and **Hall of Fame Inductees**  
will be announced at the Awards Luncheon.

Awards Luncheon Sponsor

**AECON**



# MESSAGE FROM THE PRESIDENT & CEO

## DOUGLAS LAPP

President & CEO • ORCGA



Welcome to your 15th Annual ORCGA Damage Prevention Symposium at the Blue Mountain Resort in Collingwood, Ontario!

On behalf of the ORCGA, it is my pleasure to welcome all Board of Directors, Sponsors, Committees and Co-Chairs, Geographic Councils, Exhibitors, Delegates, Volunteers and Special Guests.

2018 is the 15th Anniversary of the Ontario Regional Common Ground Alliance. It started out as a vision from a small number of stakeholders in the early 2000s and has grown into an over-500 member alliance of Infrastructure Owners, Municipalities, Excavators, Locators, Regulators & Safety Organizations, Engineering Firms and others.

Damage Prevention is a shared responsibility! We all work together through our committees, training, Geographic Councils and Best Practices to promote Dig Safe and safe excavating practices across the province of Ontario.

The Damage Prevention Symposium is our showcase event for the industry, as we continue to pursue zero damages, to enhance public and worker safety, and to lead Ontario to be the safest jurisdiction with the most reliable infrastructure in Canada.

Please participate in all of the activities at the Symposium. Visit and support all of the exhibitors in the trade show, attend the plenary and breakout sessions, attend the ORCGA Awards Luncheon with Keynote Speaker two-time Olympian Josée Chouinard and participate in our social events. In 2018 there are 19 break-outs aligned into four themes throughout the program.

Our Symposium charity for 2018 is the Collingwood & District Special Olympics. You will see representatives from the Special Olympics throughout the Symposium.

Finally, a special thank you to our Symposium sponsors and all of the committee members and volunteers working with the ORCGA staff, Jennifer, Keith and Kim, and our event planner Saskia from NFP Performance Improvement, in organizing this 15th Annual ORCGA Damage Prevention Symposium.

## SPECIAL GUEST SPEAKER

### JOSÉE CHOUINARD



Three-time Canadian women's figure skating champion, Ms. Chouinard was a top-10 finalist in two Olympics (1992 Albertville, 1994 Lillehammer). She went on to become a professional figure skater, and has been head coach of the competitive figure skating program at the Granite Club in Toronto since 2002.

Ms. Chouinard is currently working closely with various organizations to share her experiences and challenges. In addition to her coaching, she is working as a show host for Rogers TV; colour commentator for RDS and CBC; and with the Buchanan Group hosting Zoot Review. She is an ambassador for the Heart & Stroke Foundation.

Ms. Chouinard will be speaking as part of the ORCGA Awards Luncheon.

# PROGRAM OF ACTIVITIES

## WEDNESDAY, FEBRUARY 7

3:45 pm - 4:45 pm	Annual General Meeting	Georgian Bay I & II, 3rd Floor
6:00 pm - 11:00 pm	Welcome Reception	The Courts

## THURSDAY, FEBRUARY 8

7:00 am - 6:00 pm	Registration	Huron Grand Ballroom Foyer
7:15 am - 8:00 am	Breakfast	Huron Grand Ballroom
8:00 am - 8:30 am	<b>Welcome &amp; ORCGA Board Address</b> Kevin Bowers Chair of the Board of Directors, ORCGA	Huron Grand Ballroom
8:30 am - 9:15 am	<b>Damage Prevention Perspective</b> Cynthia Sefton Partner, Aird & Berlis LLP	Huron Grand Ballroom
9:15 am - 9:45 am	<b>What's New Vendor Showcase</b>	Huron Grand Ballroom
9:45 am - 10:30 am	<b>Committee Reports</b> <i>Education and Events Committee:</i> Michele Finney Provincial Lines Customer Advisor Hydro One Networks <i>Best Practice Committee:</i> Gord Campbell Platform Specialist - Locates Rogers Communications, <i>ORCGA Geographic Councils:</i> Jennifer Parent Manager Growth, Councils and Membership Services ORCGA	Huron Grand Ballroom
10:30 am - 11:00 am	Networking/Coffee Break	Huron Grand Ballroom Foyer



# PROGRAM OF ACTIVITIES

## THURSDAY, FEBRUARY 8 (CONTINUED)

11:00 am – 12:00 pm	Concurrent Sessions 1 (4 sessions)	Meeting Rooms, 3rd Floor
	<b>Concurrent Session 1A - Education</b>	Georgian Bay I & II
	<b>Certificate of Recognition (COR): what it means to workers and employers</b> <i>Enzo Garritano, IHSA</i> Presentation describes the background and history of the IHSA Certificate of Recognition program and it what it means to be certified, as well as the affected stakeholders and the benefits to achieving COR Certification.	
	<b>Concurrent Session 1B – Incident Case Study</b>	Silver Creek II
	<b>Making Safety Personal</b> <i>Deirdre Broude, Enbridge Gas Distribution</i> Case study about the up-close and personal experience of dealing with the death of an employee due to an incident caused by a underground plant line strike. <i>Repeated in Concurrent Session 3B</i>	
	<b>Concurrent Session 1C – Infrastructure</b>	Silver Creek I
	<b>Private Hydro Lines in the Public Right of Way</b> <i>Steve Waugh , Ontario One Call</i> Panel discussion on the various aspects of private hydro lines located in the public right of way; who is responsible for calling in, locating, demarcation points etc. Panellists: Gordon Campbell, Rogers Communications Greg Davidson, Energy+ Inc. Rodney Guy, Sudbury Hydro Rod McNeil, Toronto Hydro	
	<b>Concurrent Session 1D – Technology</b>	Georgian Bay III & IV
	<b>Applying Lean Thinking Concepts to the Utility Sector</b> <i>Barry Wood, Ontario Excavac</i> The application of lean thinking to the utilities sector, citing some common examples, e.g. utilization of alternate locate agreements, improved pre-job work scope identification, coordinated work scheduling, use of pre-work and on-site checklists, precision excavation, etc.	

# PROGRAM OF ACTIVITIES

## THURSDAY, FEBRUARY 8 (CONTINUED)

12:00 pm – 2:00 pm	<b>Awards Luncheon with Keynote Speaker Josée Chouinard</b> <i>Facing the Challenges &amp; Embracing the Journey!</i>	Huron Grand Ballroom
2:15 pm - 3:15 pm	<b>Concurrent Sessions 2 (4)</b>	<b>Meeting Rooms, 3rd Floor</b>
	<b>Concurrent Session 2A - Education</b>	Georgian Bay I & II
	<b>Amalgamating Locate Program in a Municipal Environment</b> <i>Nancy Davidson, City of Guelph</i> <i>Derek Whiteman, City of Guelph</i> The implementation of Bill 8 in Ontario presented many challenges to municipalities. This paper goes into the challenges with the legislation, how they were dealt with and overcome, and the efficiencies gained at the City of Guelph	
	<b>Concurrent Sessions 2B – Incident Case Study</b>	Silver Creek II
	<b>Using Statistics to Prevent Electrical Incidents while Excavating</b> <i>Patrick Falzon, ESA</i> <i>Tori Gass, Toronto Hydro</i> This presentation that demonstrates how overhead and underground powerline strike data collected from across the province is used by an electric LDC to guide its strategy to prevent underground cable strikes.	
	<b>Concurrent Sessions 2C - Infrastructure</b>	Silver Creek I
	<b>The Future of Damage Prevention</b> <i>Kris Philpott, Planview Utility Services Ltd.</i> This presentation explores the possibilities of what Damage Prevention could be in the future. Imagine if we lived in a world where we could all work together for a more efficient approach to locates.	
	<b>Concurrent Sessions 2D - Technology</b>	Georgian Bay III & IV
	<b>Augmented Reality in Damage Prevention</b> <i>Mathieu Dupont, Miralupa</i> <i>Ricardo Mahoney, TelDig Inc.</i> Virtual reality has given birth to an entirely new world of interaction design and also introduced unique challenges and opportunities that arise within the Damage Prevention industry. Teldig will demonstrate the benefits from having virtual underground assets overlaid directly onsite.	
	Networking/Coffee Break	Georgian Bay / Silver Creek Foyer
3:15 pm - 3:45 pm	Networking/Coffee Break	Georgian Bay / Silver Creek Foyer

# PROGRAM OF ACTIVITIES

## THURSDAY, FEBRUARY 8 (CONTINUED)

3:45 pm - 4:45 pm	Concurrent Sessions 3 (4)	Meeting Rooms, 3rd Floor
	<b>Concurrent Session 3A - Education</b>	Georgian Bay I & II
	<b>Managing Volume Locates for Large Projects</b> <i>Alexandra T. Grant, City of Ottawa</i> Every year, The City of Ottawa's Forestry services plant between 3,000 to 5,000 trees. This presentation outlines how they organize hundreds, if not thousands, of locate requests per season, with plantings concentrated in peak locating seasons in both the spring and fall.	
	<b>Concurrent Sessions 3B – Incident Case Study</b>	Silver Creek II
	<b>Making Safety Personal</b> <i>Deirdre Broude, Enbridge Gas Distribution</i> Case study about the up-close and personal experience of dealing with the death of an employee due to an incident caused by a underground plant line strike. <i>Repeat from Concurrent Session 1B</i>	
	<b>Concurrent Sessions 3C – Infrastructure</b>	Silver Creek I
	<b>How to Effectively use SUE to Reduce Delays &amp; Disruptions</b> <i>Jamie Bradburn, T2 Utility Engineers Inc.</i> As more and more municipalities look towards implementing infrastructure strategic plans to respond to the population growth and urban development, one common issue is the difficulty in designing the required infrastructure around the congested existing utilities typical in urban areas. This presentation reviews how the use of Subsurface Utility Engineering (SUE) Services can be used to address this issue..	
	<b>Concurrent Sessions 3D - Technology</b>	Georgian Bay III & IV
5:00 pm - 11:00 pm	<b>Dedicated Locators</b> <i>John Huber, Enbridge Gas Distribution</i> A follow up to last year's presentation on "Late Locates? So SUE Me", this is a retrospective review and discussion on the challenges of managing project locate delivery for large capital infrastructure work. It presents how an industry collaborative approach has helped address these challenges and provided a mutually beneficial solution for the excavator and infrastructure owner.	
	<b>Exhibitor Reception &amp; Dinner PLUS the ORCGA Olympics!</b> <i>In support of Special Olympics – Collingwood &amp; District Branch</i>	The Courts

# PROGRAM OF ACTIVITIES

## FRIDAY, FEBRUARY 9

7:30 am - 8:15 am	<b>Breakfast</b>	Huron Grand Ballroom
8:15 am - 9:00 am	<b>Ontario One Call Address &amp; Map Selection Notification</b> <i>Ben Hamilton, Executive Director</i>	Huron Grand Ballroom
9:00 am - 9:15 am	<b>DIRT Report</b> (Reporting & Evaluation Committee) <i>Chris Van Daele, Damage Prevention Field Manager, Union Gas Limited</i>	Huron Grand Ballroom
9:30 am - 10:30 am	<b>Concurrent Sessions 4 (4)</b>	<b>Meeting Rooms, 3rd Floor</b>
	<b>Concurrent Session 4A - Education</b>	Georgian Bay I & II
	<b>Fit for Duty: Impact of Marijuana Legislation - Part 1</b> <i>Shana French, Sherrard Kuzz LLP</i> <i>Melissa Snider-Adler, DriverCheck Inc.</i> <i>Clive Thurston, Ontario General Contractors Association</i> Panel discussion to focus on "fit for duty", not only for alcohol and drug use but also including fit for duty policy and what constitutes fit for duty. Different perspectives on the subject are presented, including workers/union, medical and legal. • <i>Double session (two hours)</i>	
	<b>Concurrent Session 4B – Technology</b>	Georgian Bay III & IV
	<b>LiDAR for Utilities</b> <i>Adam Domagalski, J.D. Barnes Ltd</i> An overview of the capabilities and applications for Light Detection and Ranging (Active Sensor) technology in the damage prevention industry.	
	<b>Concurrent Session 4C – Infrastructure</b>	Silver Creek II
	<b>Significance of Shoring Design for Utility Damage Prevention</b> <i>Thomas Fiala, Isherwood Geotechnical Engineers</i> Shoring design can have a significant impact (positive and negative) on underground utilities. At times, the design of the shoring is dictated by the geometry of the utilities, not only the soil conditions or other design factors. The types of shoring and utility drawings required to avoid damaging the utilities, and the on-site locates used to confirm utility locations, are described.	
	<b>Concurrent Session 4D – Technology</b>	Georgian Bay III & IV
	<b>Plan Sharing Automation: A Step Change for North American Damage Prevention Response</b> <i>Jason Manning, Pelican Corp</i> A detailed insight into a TELUS Communications initiative that embarked on a project to provide automatically generated and transmitted plans for Planning and Design requests only. This initiative represents a step change in the North American damage prevention response model.	

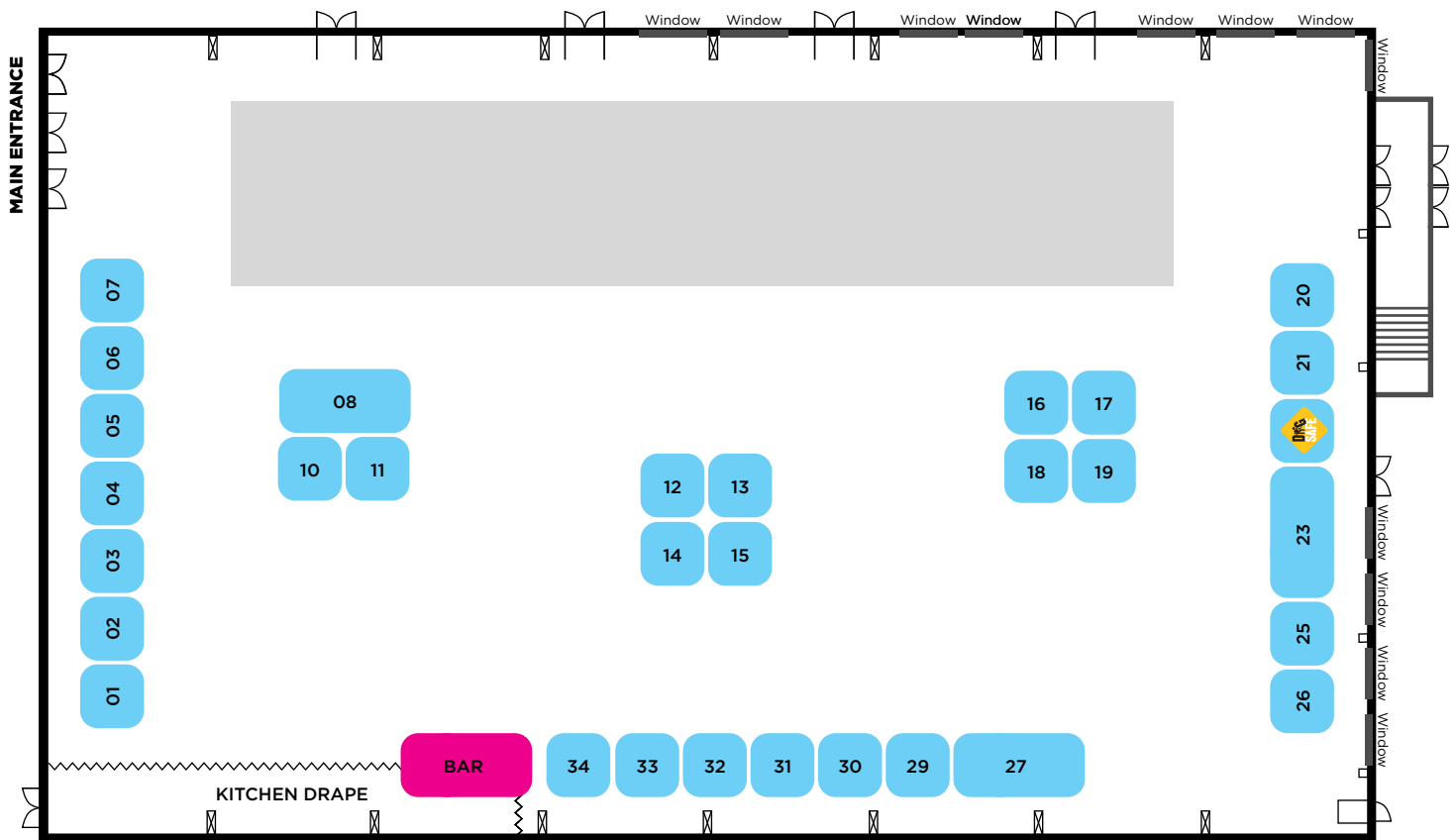


# PROGRAM OF ACTIVITIES

## FRIDAY, FEBRUARY 9 (CONTINUED)

10:30 am - 11:00 am	Networking/Coffee Break	Georgian Bay / Silver Creek Foyer
11:00 am - 12:00 pm	<b>Concurrent Sessions 5 (3)</b>	<b>Meeting Rooms, 3rd Floor</b>
	<b>Concurrent Session 5A - Education</b>	Georgian Bay I & II
	<b>Fit for Duty: Impact of Marijuana Legislation - Part 2</b> <i>Shana French, Sherrard Kuzz LLP</i> <i>Melissa Snider-Adler, DriverCheck Inc.</i> <i>Clive Thurston, Ontario General Contractors Association</i> Panel discussion to focus on "fit for duty", not only for alcohol and drug use but also including fit for duty policy and what constitutes fit for duty. Different perspectives on the subject are presented, including workers/union, medical and legal.	
	<b>Concurrent Session 5B - Education</b>	Silver Creek II
	<b>By the Numbers: A look at data collected by the Ministry of Labour</b> <i>Ruhi Sharma, Ministry of Labour</i> Introduction to the Ministry of Labour, the role it plays to protect workers' safety through enforcement of construction regulations and OHSA and how this overlaps with the mandates of the ORCGA, ESA and TSSA. This will be followed by an overview of its utility damage data analysis.	
	<b>Concurrent Sessions 5C - Technology</b>	Silver Creek I
	<b>Managing Drilling Fluid Disposal using Solidification &amp; Digital Tracking</b> <i>Kevin Goldberg, MetaFLO Technologies;</i> <i>Nick Gannon, Allstream Waste Solutions</i> Enbridge Pipelines case study on the disposal of Directional Drilling fluid using on-site solidification of the drilling fluid and cuttings, and the digital tracking of the solidified soil material..	
12:00 pm - 1:00 pm	Luncheon & Closing Remarks	Huron Grand Ballroom Ground Floor

# EXHIBITION HALL



## LIST OF EXHIBITORS

1 • TelDIG Inc.	7 • Wessuc Inc.	14 • Telecon Design Inc.	20 • J.D. Barnes Limited	27 • Jubb Utility Supply Ltd.
2 • ComPeters Inc.	8 • Vivax Canada	15 • Ontario One Call	21 • Planview Utility Services	29 • Accuworx Inc.
3 • Locate Management	10 • Rhino Marking & Protection	16 • Joe Johnson Equipment	22 • Dig Safe	30 • Holly Transportation
4 • Hetek Solutions Inc.	11 • multiVIEW Locates Inc.	17 • Trenchless Utility	23 • Super Sucker Hydro Vac	31 • PelicanCorp/One Call Inc.
5 • Ivan B. Wallace OLS	12 • T2 Utility Engineers Inc.	18 • KorTerra, Inc.	25 • C.R. Wall & Co. Inc.	33 • Oakville Enterprises
6 • Tri-Versa-Global	13 • Drain-All Ltd.	19 • Powell Contracting	26 • Bluewater Ideas	34 • Ontario Joint Pipelines

## VISION

"Effectively eliminate damages to underground infrastructure through influential advocacy, meaningful education and impactful engagement."

## MISSION STATEMENT

"Leading Ontario to enhance safety through the collaborative prevention of damage to underground infrastructure."

We are a growing organization with over 530 organizations as active members and sponsors, and represent a wide cross section of stakeholders, including:

Electrical Distribution  
Electrical Transmission  
Engineering  
Equipment & Suppliers  
Excavator  
Homebuilder  
Insurance

Land Surveying  
Landscape Fencing  
Locator  
Municipal & Public Works  
Oil & Gas Distribution  
One-Call  
Railway

Regulators  
Road Builders  
Safety Organization  
Telecommunications  
Transmission Pipeline

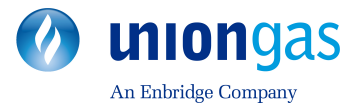
The ORCGA works to foster an environment of safety throughout Ontario for all workers and the public. This is accomplished by offering practical tools while promoting public awareness and compliance of best practices in regards to underground infrastructure and ground disturbance practices.

The ORCGA welcomes open participation on its various committees and board.



# ORCGA ANNUAL SPONSORS

## GOLD SPONSORS



## SILVER SPONSORS



## BRONZE SPONSORS

