

OCT

## Day 1 Evening TAC Social Ice Breaker - Downtown Kingston 7:00 p.m. - 9:00 p.m

2015 Workshop & Annual Awards Dinner

Challenges and Innovations in Tunnelling

## Endorsements





## Organizing Committee

Steve **SKELHORN** Workshop Chairman TAC VP East

> Walter TRISI TAC Director Ontario

Mark **DIEDERICHS** Queens University

Susan ANDERSON Workshop Coordinator

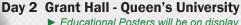
Andrew CARUANA Workshop Coordinator

> Dan IFRIM **TAC Treasurer**

Lisa NICOLIA Workshop Coordinator

Andre SOLECKI Workshop Coordinator

Seamus TYNAN TAC Director



► Educational Posters will be on display throughout the day.

7:30 a.m. - 8:30 a.m....Registration & Refreshments

8:30 a.m. - 8:45 a.m.....Opening Remarks - Steve Skelhorn, Workshop Chairman 8:45 a.m. - 9:30 a.m.....Soft Ground Site Investigation & Managing Geotechnical Risks in Tunnelling

Masoud Manzari, Thurber Engineering Ltd.

9:30 a.m. - 10:15 a.m....Site Investigation, Ground Behaviour Prediction and Risk Assessment

of Deep Hard Rock Tunnels - Mark Diederichs, Queens University

10:30 a.m. - 10:45 a.m......BREAK

10:45 a.m. - 11:30 a.m.....TBM Technologies and Advancements with focus on Variable Density TBM Design

Shawn Hourtovenko, Herrenknecht Tunnelling Systems Canada Inc.

12:15 p.m. - 1:00 p.m....**LUNCH** 

1:00 p.m. - 1:45 p.m.....Microtunnelling Advances in North America - Mark Gelinas, Hatchmott MacDonald

John Grennan, Ward & Burke

1:45 p.m. - 2:30 p.m.....Advancement of Trenchless Technology - Mark Knight

2:30 p.m. - 3:00 p.m.....BREAK

3:00 p.m. - 3:15 p.m.....Data management for tunnel modelling

Josephine Morgenroth, University of British Columbia

3:15 p.m. - 3:30 p.m.....Tunnelling Instrumentation - Nicholas Vlachopoulos, Royal Military College of Canada

3:30 p.m. - 4:00 p.m.....Eglinton Crosstown LRT: Project Challenges and Contractor Innovations

Paul Cott and Andrew Caruana, Obayashi Canada

4:30 p.m. - 6:00 p.m.....TAC Annual General Meeting - Venue TBD

4:30 p.m. - 6:00 p.m. Pre - Awards Dinner Cocktails and Appetizers, Miller Hall Museum

6:00 p.m. - 10:00 p.m....TAC National Awards Dinner - Queens Grant Hall

▶ Poster presenters will be available to answer questions or to discuss their presentations during breaks and lunch hour.



## Day 3 Schedule - Grant Hall - Queen's University

8:00 a.m. - 10:00 a.m....Refreshments

Tunnelling Education in Canada - Mark Diederichs, Nicholas Vlachopoulos,

Derek Martin and Erik Eberhardt

TAC Initiatives Locally and Internationally - Nicole Boultbee and Erik Eberhardt

10:00 a.m. - 2:00 p.m....Tour and Site Visit of Brockville Tunnel (Limited Space)

NOTE: For those not attending the Brockville Tunnel Tour; a Tour of Queens Geotechnical Department and Facilities will be hosted at 10:00 a.m - 11:00a.m.

<sup>\*\*\*</sup> Please note that this schedule is subject to change\*\*\*