



Wednesday March 7, 2018

8:00AM - 4:00PM

**BREAKFAST, LUNCH AND REFRESHMENTS
INCLUDED**

MISSISSAUGA GRAND
35 Brunel Road, Mississauga

**Also available via Live
Webcast!**

WORKSHOP OVERVIEW

Well rationalized condition assessment programs are efficient and cost-effective when compared to one-off projects. Municipal and industry experts will present how return on investment and other economic analysis tools (e.g., benefit-cost, breakeven, and alternatives analyses) can be used to inform overall planning and to develop condition assessment programs for water and force-main pipelines. Risk-based approach to prioritize pipes for condition will be presented. Advantages and limitations of selected condition assessment techniques for pressure pipelines will be discussed. Case studies highlighting the advantages and practical limitations of selected condition assessment tools be presented.

Schedule*

7:30 - 8:00 AM | REGISTRATION AND CONTINENTAL BREAKFAST

8:00 - 8:10 AM | WELCOME AND INTRODUCTION

8:10 - 8:45 AM | PRIORITIZATION OF PIPELINES FOR CONDITION ASSESSMENT, *Rizwan Younis, University of Waterloo*

8:45 - 9:15 AM | HYDRAULIC TRANSIENTS: COMMON CAUSES AND CONTROL METHODS, *Fabian Papa, Hydratek & Associates*

9:15 - 9:45 AM | ROI FOR CONDITION ASSESSMENT OF PIPELINES, *Billy Haklander/Andrew Henry, City of London*

9:45 - 10:15 AM | NETWORKING AND REFRESHMENT BREAK

10:15 - 10:45 AM | CONDITION ASSESSMENT LIMITATIONS ON SPECIFIC INFRASTRUCTURE ASSETS, *Sonya Semanuik, OCWA*

10:45 - 11:15 AM | CONDITION ASSESSMENT LIMITATIONS - CASE STUDY, *David Crowder, R.V. Anderson Associates Limited*

11:15 AM - 12:00 PM | MINIMIZING RISK FOR CONDITION ASSESSMENT PROGRAM, *Amanda Shane, City of Ottawa*

12:00 - 12:45 PM | LUNCH BREAK

12:45 - 1:15 PM | INSPECTION ROI FOR LONG-TERM CAPITAL IMPROVEMENT PLANNING, *Amin Ganjidoost, Pure Technologies*

1:15 - 1:45 PM | ROI ON LEAK DETECTION PROJECTS, *Kingsley Blease, Kingsley Blease Consulting*

1:45 - 2:15 PM | CITY OF HAMILTON APPROACH TO MANAGING CRITICAL WATERMANS, *Mike Zantingh, City of Hamilton*

2:15 - 2:30 PM | NETWORKING AND REFRESHMENT BREAK

2:30 - 3:00 PM | SERVICE LIFE PREDICTION FOR PIPELINES USING CONDITION ASSESSMENT DATA, *Jan-Mark Gustafson, Consultant*

3:00 - 3:30 PM | USING CONDITION ASSESSMENT DATA FOR PIPELINE RENEWAL, *Rizwan Younis, University of Waterloo*

3:30 - 4:00 PM | CLOSING REMARKS

* Subject to modifications

Registration Form

Return on Investment (ROI) for Pressure Pipelines' Condition Assessment

Wednesday March 7, 2018, Mississauga Grand, Mississauga

UPCOMING CATT EVENTS

WATERMAIN RENOVATION USING
STRUCTURAL, SEMI-STRUCTURAL AND NON-
STRUCTURAL LINING SYSTEMS
MAY 15-2018

TRENCHLESS TECHNOLOGIES 101
MAY 15-2018

REDUCING THE COSTS OF I & I USING
TRENCHLESS APPROACHES
SEPT 12 - 2018

EARLY BIRD REGISTRATION

REGULAR REGISTRATION

ON-SITE REGISTRATION

LIVE WEBCAST

THE CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES

(CATT) was established in 1994 to help municipalities address their buried infrastructure challenges using new and less disruptive trenchless construction methods and infrastructure asset management practices.

Since 1994 CATT has been recognized as an international leader in buried infrastructure construction, condition assessment, renovation and asset management.

For more information on CATT and member benefits visit www.catt.ca.

NAME: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

CITY: _____

PROV: _____

POSTAL CODE: _____

PHONE: _____

EMAIL: _____

RECEIVED BY: February 9

\$375/CATT MEMBER

\$550/NON-MEMBER

RECEIVED: February 9 TO March 2

\$475/CATT MEMBER

\$650/NON-MEMBER

RECEIVED AFTER: March 2

\$575/CATT MEMBER

\$750/NON-MEMBER

Tax (HST 13%) \$ _____ Total \$ _____

I would like to attend via LIVE WEBCAST

METHOD OF PAYMENT - PLEASE PICK ONE

INVOICE COMPANY

CREDIT CARD (MasterCard, VISA, American Express)

CARD #:

EXP: /

NAME ON CARD:

CVC:

CHEQUE (Payable to "University of Waterloo, Attn: Centre for Advancement of Trenchless Technologies")

COMPLETED REGISTRATION FORMS CAN BE FAXED TO (519) 746 6556 OR MAILED to Alice Seviara:

MAIL: CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES
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Note: To prevent fraud never send credit card information via email.

Refund Policy: please visit www.catt.ca for details on CATT's refund policy.

PLATINUM MEMBERS



GOLD MEMBERS

