WORKSHOP OVERVIEW

Over the past 20 years horizontal directional drilling (HDD) has been routinely used for the installation of pressure (gas, water) and gravity (storm and wastewater) pipelines. Despite this common usage, many HDD designs are not constructible or completed according to the current industry standards and/or good practices. This one day workshop will focus on designing a cost-effective and successful HDD pipeline project for municipal, gas, and industrial applications. The topics will include:

- HDD Basics
- Drill Fluids and Equipment
- Industry Trends and Pipe Materials
- Project Planning Requirements: Geotechnical Investigations, Site Conditions, and Borepath Planning
- Pipe Design Considerations
- State-Of-The-Art Software Tools
- Risk Evaluation and QA/QC
- Case Studies

WHY YOU SHOULD ATTEND?

Engineers, Inspectors, Contractors and municipal staff and all those who wish to ensure that HDD designs and projects requirements meet industry standards and best practices. This course will also help establish Engineers as industry experts and to ensure that they meet their professional practice requirement of undertaking work the practitioner is competent to perform by virtue of the practitioner’s training and experience.

SPEAKERS

Dr. Mark Knight, PhD, PEng: Dr. Mark Knight is CATT’s Executive Director and Associate Professor at the University of Waterloo Civil and Environmental Engineering and Geological Engineering Departments. He is also a North American trenchless technology expert with over 15 years in HDD research, project design, and project litigation. Dr. Knight has been involved in the development of industry’s leading HDD design tools such as BOREAID, the only complete HDD design software tool now sold by Vermeer, and free on-line software tools PPI-BOREAID and PPI-PACE. Prior to joining the University of Waterloo, Dr. Knight was a Geotechnical Engineering consultant for over five years.

Dr. Jason Lueke: Dr. Jason Lueke is the National Practice Leader for Trenchless Services with Associated Engineering. He has over 15 years of experience in the trenchless industry as a consultant, contractor, and educator, and serves on the Board of Directors for NASTT. He has published over 60 journal and conference papers related to trenchless design, construction, and research, and has presented across North America and internationally at many conferences and trade shows. Jason has participated as an engineer or contractor on a variety of trenchless new installation and rehabilitation projects, and has been involved in several major award winning projects involving tunnelling, directional drilling, and cured in place pipe rehabilitation.
Registration Form
Ensuring Successful Horizontal Directional Drilling (HDD) Projects
April 22, 2015 (CHSI), 5110 Creekbank Rd, Mississauga

UPCOMING EVENTS

CHECK OUT OUR WEBSITE FOR
UPCOMING EVENTS: WWW.CATT.CA

NAME:

TITLE:

COMPANY:

ADDRESS:

CITY:  PROVINCE:  POSTAL CODE:

PHONE:  FAX:

EMAIL:

EARLY BIRD REGISTRATION

RECEIVED BY: Friday March 20 2015
☐ $450/CATT MEMBER  ☐ $550/NON-MEMBER

REGULAR REGISTRATION

RECEIVED: March 21 TO April 17
☐ $550/CATT MEMBER  ☐ $650/NON-MEMBER

ON-SITE REGISTRATION

RECEIVED AFTER: April 17
☐ $650/CATT MEMBER  ☐ $750/NON-MEMBER

Tax (HST 13%) $__________  Total $__________

LIVE WEBCAST

☐ 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:

☐ 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 Seviora:

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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

CATT GOLD MEMBERS