

**\*\*\* Advance Training Program for\*\*\***  
**\*\*\* Construction Industry\*\*\***

**A UNIQUE OPPORTUNITY TO LEARN FROM INDUSTRY EXPERTS**



**Center for Underground Infrastructure Research & Education**

**[www.cuire.org](http://www.cuire.org)**

*Presents:*

**Trenchless Technology New Construction Methods©**

**(Microtunneling & Pilot Tube Microtunneling, Pipe Jacking, Utility Tunneling,  
Auger Boring, Horizontal Directional Drilling, and Pipe Ramming)**

**For Water, Sewer, and Gas Applications, Road and Railroad Crossings,  
Joint Utility Network, and Cable Applications**

**Sunday and Monday, January 17-18, 2010, Tampa, Florida**

This course presents an overview of different new installation technologies, planning, design, and construction concepts, contracts, specifications and inspection issues, application assessment, geotechnical and site investigations, QA/QC, alternative project delivery methods, new equipment & methods, and case studies.

**Trenchless Technology Pipe Lining, Renewal & Replacement Methods©**

**(CIPP, Structural Coatings (SIPP), Close-Fit, Sliplining & Modified Sliplining,  
and Pipe Bursting)**

**For Sanitary & Storm Sewers, Water Pipe Distributions, Gas Transmission and  
Distributions, Culvert and Drainage Structures**

**Sunday and Monday, January 17-18, 2010, Tampa, Florida**

This course presents an overview of different pipeline renewal & replacement technologies, including, planning, design, and construction concepts, contracts, specifications and renewal inspection issues, application assessment, alternative project delivery methods, old & new pipe site investigations, QA, QC, new equipment & methods, and case studies.

## Advance Horizontal Directional Drilling (HDD) School®

**For Pressure, Gravity, and Cable Applications, Water, Oil, and Gas Pipes,  
Road, Railroad and River Crossings**

Sunday and Monday, January 17-18, 2010, Tampa, Florida

This course presents planning, contract and specifications, alternative project delivery methods, bore planning and layout, pipe load calculations, safety issues, steering and accuracy, gravity pipe applications, site and geotechnical investigation requirements, inspection and QA/QC, drilling fluids, tracking and locating, and new technologies.

**Focusing on the more technical and engineering applications, topics will include:**

Design Concepts	Inspection & Testing
Water, Sewer, Gas & Cable Applications	Construction QA/QC Program
Evaluation Technologies, Site Surveys	Project Delivery System Alternatives
Application Assessment	Strategies for Risk Assessment & Allocations
Bidding Data	Recent Regulations
Contract Documents and Specifications	New Equipment & Methods
	Case Studies

**Registration Fee:** The cost for each two-day School is \$795.

By completing the School, *in its entirety*, you will receive:

- A complimentary copy of new book, [Trenchless Technology: Pipeline and Utility Design, Construction, and Renewal](#) - a \$115 value!
- A wallet-size certification
- 1.4 CEU's and 14 PDH's
- A PDF copy of all the presentations on CD
- As a bonus, a full complimentary registration to UCT is also included with each School registration!
- Your name and company information will be featured for 3 years on CUIRE Web site (Optional)

NOTE: Register early - There is a maximum limit of 25 attendees for each school.

**Who should attend?** Public officials, engineers, utility company personnel, designers, utility owners and operators, and contractors who are involved with constructing, renewing, and managing utilities. CUIRE Schools are organized by the Center for Underground Infrastructure Research & Education (CUIRE), Department of Civil Engineering, The University of Texas at Arlington; and cosponsored by *Underground Construction Magazine*.

**Registration Particulars:** Pay with check or credit card (Visa, Master Card, Amex, and Discover). Register early: Registration is limited to first 25 people on a first time, first-serve bases. Registration opens August 17, 2009 at [www.uctonline.com](http://www.uctonline.com)

**On-site (walk-in) registrations are welcome based on space availability only.**  
Call [Customer Service at 301-694-5243](tel:301-694-5243) beginning [August 17, 2009](#), to make sure space is available.

**Learn from Experts Program<sup>®</sup>** The schools will be taught by CUIRE Board Members and Friends who have many years of experience in the area of their teaching.

**No-Risk Registration:** If you cannot attend the School, you may send a substitute. The cancellation policy is: 100% refund if cancelled by January 1, 2010, 50% refund if cancelled by January 11, 2010, and no refunds after January 11, 2010. If for any reason you are not satisfied with the program, let Dr. Najafi at 817-272-0507 or [najafi@uta.edu](mailto:najafi@uta.edu) know within one week of the program, and he will set things right with you.

**Certificate & Professional Development Hours:** These Schools qualify for 14 Professional Development Hours (PDH) of continuing education credit. A PDH certificate indicating inspector training will be awarded at the conclusion of the School. **The wallet-size certificate will be mailed shortly after completion of the School.**

**Hotel Information:** See UCT Web site at [www.uctonline.com](http://www.uctonline.com) for hotel reservation information.

**For technical program information, visit [www.cuire.org](http://www.cuire.org) or call Dr. Najafi at 817-272-0507.**

**For registration questions call [Customer Service at 301-694-5243](tel:301-694-5243) beginning [August 17, 2009](#).** Individuals with disabilities requiring assistance should email [Najafi@uta.edu](mailto:Najafi@uta.edu) well in advance of the meeting date. Late requests will be met when possible.

**Tax Information:** Your educational training may be tax deductible.