Center for Underground Infrastructure Research & Education (CUIRE) 16th Annual Certification Schools

Monday and Tuesday, Jan. 29-30, 2018
Ernest N. Morial Convention Center, New Orleans, Louisiana

CUIRE at the University of Texas at Arlington will hold its 16th annual Pipeline and Trenchless Technology Training and Certification Schools in conjunction with the Underground Construction Technology (UCT) International Conference & Exhibition. This year’s program includes Advanced HDD School, Flexible Pipeline Design and Installation, Geotechnical School, as well as ½ day of Pipe School, Microtunneling and Pilot Tube and Other Guided Boring Methods and Pipe Lining and Renewal School. Attendees may register for any of the following ½ Schools:

**Monday, Jan. 29, 2018**

8:00 AM – Noon

- **School A – Advanced Horizontal Directional Drilling (HDD) School (Part One)** – Planning and design of large, mid- and small-size HDD projects from inception to closeout and delivery. The school will include talks on pipe loads, bore planning, drilling fluids and case studies.

- **School B – Geotechnical School (Part One)** – Geotechnical requirements for both trenchless and open-cut applications, soft soils and rock investigations methods, and how ground conditions will impact trenchless feasibility and productivity.

- **School C – Flexible Pipeline Design Installation School (Part One, Design Requirements)** – This school presents design requirements for large diameter flexible pipelines for pressure and non-pressure applications for both circular and noncircular shapes.

1:00 – 5:00 PM

- **School D – Advanced Horizontal Directional Drilling (HDD) School (Part Two)** – The second part of this school will include construction projects of all sizes, plus tracking, locating and case studies.

- **School E – Geotechnical School (Part Two)** – Planning, geotechnical reporting, and contracting requirements for trenchless technologies for different ground conditions.

- **School F – Flexible Pipeline Design Installation School (Part Two, Installation Requirements)** – This school presents installation requirements including QC/QA, inspection, and project delivery for large diameter flexible pipelines for pressure and non-pressure applications for both circular and noncircular shapes.
• **School G – Microtunneling and Pilot Tube School** – This school will cover planning, design and construction of Microtunneling Methods (MT) and Pilot Tube and Other Guided Boring Methods (PTGBM), and will includes case studies. A discussion of new ASCE Microtunneling Standards and Manual of Practice on PTGBM will be presented by authors.

**Tuesday, Jan. 30, 2018**

8:00 AM – Noon

• **School H – Pipe School** – This school will cover applications, capabilities, manufacturing, standards, advantages and limitations of each type of pipe, such as steel, ductile iron, vitrified clay, PVC, HDPE, fiberglass, life cycle costing, etc., and new developments in pipe materials and joining systems.

• **School K – Pipe Lining and Renewal School** – This school will cover pipe lining methods including Cured-in-Place Pipe (CIPP), sliplining, modified sliplining (panel lining), close-fit, Spray-in-Place Pipe (SIPP) and other methods with focus on applicability, capability and limitations, with consideration for site and access and work area requirements, cleaning and pre- and post-inspection for each renewal method. This school will also cover planning, design, construction, inspection and QA/QC.

Each ½ day school qualifies for 0.4 CEU and 4 PDHs through the University of Texas at Arlington. For more information regarding these Schools, contact CUIRE at (817) 272-9177 or email: sahar.habibzadeh@uta.edu. The registration fees for these Schools are according to following table:

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<thead>
<tr>
<th>Schools</th>
<th>Registration</th>
<th>What You Receive?</th>
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<tbody>
<tr>
<td></td>
<td>Before Jan. 15</td>
<td>After Jan. 15</td>
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<tr>
<td>1/2-Day</td>
<td>$195</td>
<td>$295</td>
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<tr>
<td>1-Day</td>
<td>$365</td>
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<tr>
<td>1.5-Day</td>
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For more information, contact Sahar at CUIRE, (817) 272-9177, or email cuire@uta.edu or visit www.cuire.org