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CURRENTLY @ CUIRE

CENTER FOR UNDERGROUND INFRASTRUCTURE RESEARCH AND EDUCATION

CUIRE HOSTS A SUCCESSFUL SYMPOSIUM ON UNDERGROUND FREIGHT TRANSPORTATION (ISUFT 2016)



On August 22-24, CUIRE in conjunction with the international society, held the seventh Symposium on Underground Freight Transportation (ISUFT) at the University of Texas at Arlington.

The attendees and speakers came from United States and several other countries, including, Germany, Netherlands, Brazil, United Kingdom, China, and Canada. At the technical sessions, speakers presented many topics on different aspects of underground freight transportation, such as new developments in China. Bob Silverthorne and Dr. Carter Zhou (Mole Solutions, United Kingdom), Dr. Yiquan Fan, Dr. Kesi You and Dr. Dejun Hai (SMEDI, China), Jeff Hathcock, Richard Mueller, Jerry Yu and Mark Wilkerson (USA), Dr. Gerhard Lang (Germany) and Brink Weaver (Canada) presented at the technical sessions.

The keynote speakers at this symposium were: Dr. Mohammad Najafi, the symposium chair; Dr. Johannes Visser, ISUFT Chairman and Caroline Mays, the Director of Freight and International Trade Section of Texas Department of Transportation (TxDOT). Moreover, Sergio Palazzo and Richard Williammee moderated the sessions.

At the ISUFT panel discussion, experts on Underground Freight Transportation talked about planning and design, construction methods, cost analysis, environmental impacts and financial means of this system. On the last day of the symposium, there was a technical tour to the Skylink facilities at DFW Airport.

ISUFT is a forum for discussion and presenting research on various types of underground freight transport and/or capsule pipelines and related construction and tunneling technologies. The objective of this symposium was updating the ISUFT members regarding the latest development in Underground Freight Transportation to set up ISUFT board meeting to plan future activities and to hear the keynote speakers.



CUIRE HOLDS ITS 15TH ANNUAL ½-DAY ENGINEERING AND INSPECTOR SCHOOLS IN FORT WORTH, TEXAS

CUIRE will hold its 15th annual trenchless technology inspector training and certification schools on Sunday and Monday, January 29-30, 2017, in conjunction with the UCT International Conference and Exhibition at Omni Hotel in Fort Worth, Texas. This year's program includes a full-day of Geotechnical School as well as a full-day of Advanced HDD School. Attendees may register for any of the following half-day Schools:

Sunday Morning, Jan. 29, 2017

- *Geotechnical School* - 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.
- *Pipe School* - Applications, advantages and limitations of each type of pipe, such as steel, ductile iron, vitrified clay, PVC, HDPE, fiberglass, etc., and new developments in pipe materials and joining systems.

Sunday Afternoon, Jan. 29, 2017

- *Geotechnical School* - Planning, geotechnical reporting, and contracting requirements for trenchless technologies for different ground conditions.
- *Mud School for Trenchless Technology* - Provides attendees everything they need to know to properly mix and apply drilling fluids for trenchless applications, including spoil removal and lubrication applications.

- *Horizontal Auger Boring and Pipe Ramming School* - Planning, design, construction of conventional pipe jacking and horizontal auger boring. Also includes pipe ramming.

Monday Morning, Jan. 30, 2017

- *Advanced Horizontal Directional Drilling (HDD) School* - Planning and design of large, mid and small size HDD projects from inception to closeout and delivery. Includes, pipe loads, bore planning, drilling fluids and case studies.
- *Pipe Lining and Renewal School* - Cured-in-Place Pipe (CIPP) and pipe lining methods. Includes planning, design, construction, inspection and QA/QC.

Monday Afternoon, Jan. 30, 2017

- *Advanced Horizontal Directional Drilling (HDD) School* - Construction of large, mid and small size HDD projects. Includes tracking and locating and case studies.
- *Pilot Tube and Microtunneling School* - Planning, design and construction of pilot tube microtunneling. Includes case studies

Attendees will receive a PDF copy of all presentations on a USB drive. For more information call Nilo at 817-272-9177 or email her at nilooFar@uta.edu More information is provided at cuire.org.

CUIRE AND SOUTH CENTRAL CHAPTER OF NASTT HELD FIRST TRENCHLESS TECHNOLOGY AND PIPE CONFERENCE (TTP 2016)

On Aug. 23, the South Central Chapter of NASTT and CUIRE held the first Trenchless Technology and Pipe Conference (TTP 2016) at the University of Texas at Arlington (UTA). More than 150 people attended this unique conference in two tracks of Trenchless Technology New Installations and Pipeline Renewal/Replacement.

At the general session, CUIRE director Dr. Mo Najafi, Alan Goodman, the vice chair of South Central Chapter of NASTT; Dr. Ali Abolmaali, Chair of Civil Engineering and Dr. Peter Crouch, Dean of Engineering at UTA, welcomed attendees to this first trenchless and pipe conference. In this session, the sponsors and exhibitors were recognized by receiving a special plaque of appreciation.

25 companies (as listed below) exhibited their services and products:

- Ace Pipe Cleaning Inc.
- Akkerman
- APM/Permaform
- BOS Solutions
- CETCO
- Digital Control Inc.
- Ditch Witch
- Fuquay, Inc.
- HammerHead
- Hebna Co.
- Hobas Pipe USA
- HTS Pipe Consultants
- IPEX Management In.
- LMK Technologies, LLC.
- Michels Co.
- NASCCO, Inc.
- Perma-Liner industries, LLC.
- PIPC
- QuakeWrap, Inc.
- Southwest Armadrillco
- Texas811
- The Logan Clay Products
- Tulsa Rig Iron
- Vacmasters
- Vermeer Co.
- CUIRE

The presentation's topics were on installation, renewal, rehabilitation and replacement of pipes.

The speakers were:

- Troy Stokes and Yovani Zalaya, Akkerman
- David Gill, The Logan Clay Products Company
- Scott Finley, Texas811
- Alan Goodman, HammerHead Trenchless Equipment
- Seth Mathesen, Ditch Witch
- Charles Webb, Southwest Armadrillco
- George Dugan, CETCO
- Lance Andrews, Atmos Energy Corporation
- Josh Kercho, Kimley-Horn and Associates, Inc.
- Troy Hotchkiss, Kimley-Horn and Associates, Inc.
- Jerry Snead, JQ Infrastructure
- Al Meschke, Murphy Pipelines
- John Simonson, HOBAS Pipe USA
- Van Young, AP/M Permaform
- Michael Jereb, LMK Technologies
- John Fuquay, Fuquay, Inc.

- Dr. Mo Ehsani, QuakeWrap, Inc.
- Bruce Jameson, ACE Pipe Cleaning, Inc.
- Lynn Osborn, NASSCO
- Brian Mattson, Digital Control Incorporated
- David Ohayon, IPEX Management Inc.
- Ed Diggs, Pipeline Inspection Partners Corp. (PIPC)
- Roberto Ogarrio, HEBNA Corporation
- Chip Johnson, Sprayroq, Inc.

The sponsors of this conference were:

Platinum Sponsor: Akkerman

Silver Sponsor: APM/Permaform

Luch Sponsors: Hobas Pipe USA, Ditch Witch and HammerHead



FOR MORE INFORMATION REGARDING CUIRE: WWW.CUIRE.ORG